[MS-OWEMXML]:

Office Web Extensibility Manifest Format

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1 Introduction

The Office Web Extensibility Manifest Format specifies the schema for **Office Add-ins** manifest files.

Sections 1.7 and 2 of this specification are normative. All other sections and examples in this specification are informative.

1.1 Glossary

This document uses the following terms:

add-in: Supplemental functionality that is provided by an external application or macro to extend the capabilities of an application.

application identifier: A globally unique identifier (GUID) that uniquely identifies a game.

application programming interface (API): A set of routines used by an application program to direct the performance of procedures used by the computer's operating system. Also called application program interface.

claim: A statement that one subject makes about itself or another subject. For example, the statement can be about a name, identity, key, group, privilege, or capability. Claims have a provider that issues them, and they are given one or more values. They are also defined by a claim value type and, possibly, associated metadata.

Component Object Model (COM): An object-oriented programming model that defines how objects interact within a single process or between processes. In **COM**, clients have access to an object through interfaces implemented on the object. For more information, see [MS-DCOM].

contact: A person, company, or other entity that is stored in a directory and is associated with one or more unique identifiers and attributes, such as an Internet message address or login name.

content add-in: An **Office Add-in** that appears within the content of a **document**.

culture name: A part of a language identification tagging system, as described in [RFC1766]. Culture names adhere to the format "<languagecode2>-<country/regioncode2>." If a two-letter language code is not available, a three-letter code that is derived from [ISO-639] is used.

dictionary: A collection of key/value pairs. Each pair consists of a unique key and an associated value. Values in the dictionary are retrieved by providing a key for which the dictionary returns the associated value.

docked: A condition where a toolbar is attached to the docking area of an application window.

document: An object in a content database such as a file, folder, list, or site. Each object is identified by a **URI**.

endpoint: A communication port that is exposed by an application server for a specific shared service and to which messages can be addressed.

equivalent add-in: An Office **COM add-in** or **Excel Linked Library (XLL)** that provides the same or similar functionality as a **web application** add-in.

Excel Linked Library (XLL): A Dynamic Link Library (DLL) that is authored to function as an **add-in** for Microsoft Excel.

globally unique identifier (GUID): A term used interchangeably with **universally unique identifier (UUID)** in Microsoft protocol technical documents (TDs). Interchanging the usage of these terms does not imply or require a specific algorithm or mechanism to generate the value.

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Specifically, the use of this term does not imply or require that the algorithms described in [RFC4122] or [C706] have to be used for generating the GUID. See also universally unique identifier (UUID).

Hypertext Markup Language (HTML): An application of the Standard Generalized Markup Language (SGML) that uses tags to mark elements in a document, as described in [HTML].

localization: The process of adapting an application or documentation, including text and non-text elements, to meet the language, cultural, and political expectations and requirements of a specific geographic country or region.

mail add-in: An **Office Add-in** that enhances an email or appointment item.

manifest: A file that stores metadata about an expansion pack, such as the name of the expansion pack, the files and resources that are included in the expansion pack, and the dependencies that it has on other files and components.

Office Add-in: A cloud-enabled app that integrates rich, scenario-focused content and services into an Office application or equivalent protocol client.

Office Web Extension: See **Office Add-in**.

ProgID: An identifier that is used by the Windows registry to uniquely identify an object and is in the form OLEServerName.ObjectName, for example, "Excel.Sheet" or "PowerPoint.Slide."

resource: Any component that a computer can access that can read, write, and process data. This includes internal components (such as a disk drive), a service, or an application running on and managed by the cluster on a network that is used to access a file.

ribbon: A set of controls that represents tasks or commands within an application. The tasks and commands are organized into tabs. The ribbon appears at the top of an application window and is part of the Microsoft Office Fluent user interface, which replaces the previous system of layered menus, toolbars, and task panes.

task pane add-in: An **Office Add-in** that appears docked in a task pane.

Uniform Resource Identifier (URI): A string that identifies a resource. The URI is an addressing mechanism defined in Internet Engineering Task Force (IETF) Uniform Resource Identifier (URI): Generic Syntax [RFC3986].

Uniform Resource Locator (URL): A string of characters in a standardized format that identifies a document or resource on the World Wide Web. The format is as specified in [RFC1738].

Uniform Resource Name (URN): A string that identifies a persistent Internet resource, as described in [RFC2141]. A URN can provide a mechanism for locating and retrieving a schema file that defines a specific namespace. Although a URL can provide similar functionality, a URN can refer to more than one URL and is not location-dependent.

universally unique identifier (UUID): A 128-bit value. UUIDs can be used for multiple purposes, from tagging objects with an extremely short lifetime, to reliably identifying very persistent objects in cross-process communication such as client and server interfaces, manager entry-point vectors, and RPC objects. UUIDs are highly likely to be unique. UUIDs are also known as **globally unique identifiers (GUIDs)** and these terms are used interchangeably in the Microsoft protocol technical documents (TDs). Interchanging the usage of these terms does not imply or require a specific algorithm or mechanism to generate the UUID. Specifically, the use of this term does not imply or require that the algorithms described in [RFC4122] or [C706] has to be used for generating the UUID.

web application: A software application that uses HTTP as its core communication protocol and delivers information to the user by using web-based languages such as **HTML** and **XML**.

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XML: The Extensible Markup Language, as described in [XML1.0].

MAY, SHOULD, MUST, SHOULD NOT, MUST NOT: These terms (in all caps) are used as defined in [RFC2119]. All statements of optional behavior use either MAY, SHOULD, or SHOULD NOT.

1.2 References

Links to a document in the Microsoft Open Specifications library point to the correct section in the most recently published version of the referenced document. However, because individual documents in the library are not updated at the same time, the section numbers in the documents may not match. You can confirm the correct section numbering by checking the Errata.

1.2.1 Normative References

We conduct frequent surveys of the normative references to assure their continued availability. If you have any issue with finding a normative reference, please contact dochelp@microsoft.com. We will assist you in finding the relevant information.

[MS-OWEXML] Microsoft Corporation, "Office Web Extensibility Extensions to Office Open XML Structure Specification".

[MS-OXCMSG] Microsoft Corporation, "Message and Attachment Object Protocol".

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, March 1997, https://www.rfc-editor.org/info/rfc2119

[XMLSCHEMA1/2] Thompson, H., Beech, D., Maloney, M., and Mendelsohn, N., Eds., "XML Schema Part 1: Structures Second Edition", W3C Recommendation, October 2004, https://www.w3.org/TR/2004/REC-xmlschema-1-20041028/

[XMLSCHEMA2] Biron, P.V., Ed. and Malhotra, A., Ed., "XML Schema Part 2: Datatypes", W3C Recommendation, May 2001, https://www.w3.org/TR/2001/REC-xmlschema-2-20010502/

1.2.2 Informative References

None.

1.3 Overview

The structures specified in this format provide an **XML** vocabulary for **Office Add-ins manifest** files. The elements and attributes specified in this format enable the implementer to provide the information required to enable implementations of the Office Add-ins Framework to activate Office Add-ins.

The XML vocabulary is ordered around a base definition of an Office Add-in with syntax extensions specific to each of three extension types (section 1.3.1, section 1.3.2 and section 1.3.3)

The following sections provide an overview of the functionality supported by these extensions.

1.3.1 Task Pane Apps

A **task pane add-in** provides the implementer with a Task Pane user interface with a fixed initial width that is **docked** in the task pane area. Additional elements enable the implementer to specify an extension source location **Uniform Resource Locator (URL)** by **culture names** for the extension's start page; to create **Office Add-ins** that extend **dictionary** functionality if implemented in the **document** host; and to indicate the capabilities requested by the extension.

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1.3.2 Content Apps

A **content add-in** provides the implementer with a user interface with a specifiable initial height and width that appears within the content of the **document**. Additional elements enable the implementer to specify an extension source location **Uniform Resource Locator (URL)** by **culture names** for the source locations for the extension's start page; and to indicate the capabilities requested by the extension.

1.3.3 Mail Apps

A **mail add-in** for Office provides the implementer with a user interface that has specifiable initial height that is sensitive to the form factor being used by the user. Additional elements enable the implementer to specify content-based activation rules, an extension source location **Uniform Resource Locator (URL)** by **culture names** for the source locations for the extension's start page, and to indicate the capabilities requested by the extension.

1.4 Relationship to Protocols and Other Structures

None.

1.5 Applicability Statement

This document specifies the schema used by **Office Add-ins manifest** files. These files are not persisted into documents and as such are independent of application file formats. Manifest files are created by implementers and distributed through Office Add-ins catalogs.

1.6 Versioning and Localization

The **Office Add-ins manifest** file supports versioning and **localization** through explicit definition using pre-defined schema elements.

Versioning information is explicitly specified through the **Version** element in the **OfficeApp** type documented in section 2.2.21.

Localization information can be specified for any element that is defined with the **LocaleAwareSetting** type, documented in section 2.2.5 and throughout this **document**.

1.7 Vendor-Extensible Fields

None.

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2 Structures

2.1 Global Elements

2.1.1 OfficeApp

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

OfficeApp is the root element in the manifest of an **Office Add-in**. Its **type** is the **OfficeApp** (section 2.2.21) complex type, which is an abstract type. The following complex types, inherited from the **OfficeApp** complex type, are used as the actual type for the **OfficeApp** root element:

- **ContentApp** complex type, as specified in section 2.2.24.
- **TaskPaneApp** complex type, as specified in section 2.2.29.
- **MailApp** complex type, as specified in section 2.2.32.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this element.

```
<xs:element name="OfficeApp" type="OfficeApp"/>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.1.2 OfficeApp

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

OfficeApp is the root element in the manifest of an **Office Add-in**. Its **type** is the **OfficeApp** (section 2.2.58) complex type, which is an abstract type. The following complex types, inherited from the **OfficeApp** complex type, are used as the actual type for the **OfficeApp** root element:

- **ContentApp** complex type, as specified in section 2.2.34.
- **TaskPaneApp** complex type, as specified in section 2.2.67.
- **MailApp** complex type, as specified in section 2.2.55.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this element.

```
<xs:element name="OfficeApp" type="OfficeApp"/>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.1.3 VersionOverrides

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: MailApp

A VersionOverridesV1_0 element that specifies a collection of host types and their settings. Data defined in this element overrides the same data present in any parent portion of this manifest for hosts that support this extended manifest content.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this element.

```
<xs:element name="VersionOverrides" type="VersionOverridesV1_0"/>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.1.4 VersionOverrides

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: TaskPaneApp

A VersionOverridesV1_0 element that specifies a collection of Office client application types. Data defined in this element overrides the same data present in the parent node of this element in the manifest for Office client applications that support this extended manifest content. Taskpane overrides are applicable specifically for **task pane add-ins**.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this element.

```
<xs:element name="VersionOverrides" type="VersionOverridesV1_0"/>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.1.5 VersionOverrides

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: VersionOverridesV1_0

A VersionOverridesV1_1 element that specifies a collection of host types and their settings. Data defined in this element overrides or supplements the same data present in any parent portion of this manifest for hosts that support this extended manifest content.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this element.

```
<xs:element name="VersionOverrides" type="VersionOverridesV1_1"/>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.1.6 VersionOverrides

Target namespace: http://schemas.microsoft.com/office/contentappversionoverrides

Referenced by: ContentApp

A VersionOverridesV1_0 element that specifies a collection of Office client application types. Data defined in this element overrides the same data present in the parent node of this element in the manifest for Office client applications that support this extended manifest content. Content overrides are applicable specifically for **content add-ins**.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this element.

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```
<xs:element name="VersionOverrides" type="VersionOverridesV1_0"/>
```

See section 5.3 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2 Complex Types

2.2.1 LocaleOverride

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: LocaleAwareSetting

Defines the support for multiple locales for unbounded strings.

Attributes:

Locale: A **CultureName** attribute (section 2.3.7) that specifies the culture name of the locale for the override.

Value: A **NonEmptyString** attribute (section 2.3.1) that specifies the value of the setting expressed for the specified locale.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LocaleOverride">
  <xs:attribute name="Locale" type="CultureName" use="required"/>
  <xs:attribute name="Value" type="NonEmptyString" use="required"/>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.2 ShortLocaleOverride

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: ShortLocaleAwareSetting

Specifies the support for multiple locales for short strings.

Attributes:

Locale: A **CultureName** attribute (section 2.3.7) that specifies the culture name of the locale for the override.

Value: A **ShortString** attribute (section 2.3.2) that specifies the value of the setting expressed for the specified locale.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ShortLocaleOverride">
  <xs:attribute name="Locale" type="CultureName" use="required"/>
  <xs:attribute name="Value" type="ShortString" use="required"/>
</xs:complexType>
```


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See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.3 LongLocaleOverride

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: LongLocaleAwareSetting

Specifies the support for multiple locales for long strings.

Attributes:

Locale: A **CultureName** attribute (section 2.3.7) that specifies the culture name of the locale for the override.

Value: A **LongString** attribute (section 2.3.3) that specifies the value of the setting expressed for the specified locale.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LongLocaleOverride">
  <xs:attribute name="Locale" type="CultureName" use="required"/>
  <xs:attribute name="Value" type="LongString" use="required"/>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.4 URLLocaleOverride

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: URLLocaleAwareSetting

Specifies the support for multiple locales for URL strings.

Attributes:

Locale: A **CultureName** attribute (section 2.3.7) that specifies the culture name of the locale for the override.

Value: A **URL** attribute (section 2.3.4) that specifies the value of the setting expressed for the specified locale.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="URLLocaleOverride">
  <xs:attribute name="Locale" type="CultureName" use="required"/>
  <xs:attribute name="Value" type="URL" use="required"/>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.5 LocaleAwareSetting

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

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Defines a setting that is unbounded, and that can be specified for a locale different than the default.

Child Elements:

Override: A **LocaleOverride** element (section 2.2.1) that provides a way to specify the value of this setting for an additional locale.

Attributes:

DefaultValue: A **NonEmptyString** attribute (section 2.3.1) that specifies the default value for this setting, expressed for the locale specified in the **DefaultLocale** element (section 2.2.21).

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LocaleAwareSetting">
  <xs:sequence>
    <xs:element name="Override" type="LocaleOverride" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="DefaultValue" type="NonEmptyString" use="required"/>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.6 ShortLocaleAwareSetting

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: OfficeApp, ContentApp, Dictionary, TaskPaneApp, MailApp

Specifies a **ShortString** (section 2.3.2) that is locale-aware, and that can be specified for a locale different than the default.

Child Elements:

Override: A **ShortLocaleOverride** element (section 2.2.2) that specifies the value of **ShortLocaleAwareSetting** for an additional locale.

Attributes:

DefaultValue: A **ShortString** attribute (section 2.3.2) that specifies the default value for this setting for the locale culture name that is specified in the **DefaultLocale** child element of **OfficeApp** (section 2.2.21).

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ShortLocaleAwareSetting">
  <xs:sequence>
    <xs:element name="Override" type="ShortLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="DefaultValue" type="ShortString" use="required"/>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.7 LongLocaleAwareSetting

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: OfficeApp, ContentApp, TaskPaneApp, MailApp

Specifies a **LongString** (section 2.3.3) that is locale-aware, and that can be specified for a locale different than the default.

Child Elements:

Override: A **LongLocaleOverride** element (section 2.2.3) that specifies the value of **LongLocaleAwareSetting** for an additional locale.

Attributes:

DefaultValue: A **LongString** attribute (section 2.3.3) that that specifies the default value for this setting for the locale culture name that is specified in the **DefaultLocale** child element of **OfficeApp** (section 2.2.21).

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LongLocaleAwareSetting">
  <xs:sequence>
    <xs:element name="Override" type="LongLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="DefaultValue" type="LongString" use="required"/>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.8 URLLocaleAwareSetting

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: ContentAppSettings, TaskPaneAppSettings, DesktopMailAppSettings, TabletMailAppSettings, PhoneMailAppSettings, OfficeApp, ContentApp, Dictionary, TaskPaneApp, MailApp

Specifies a **Uniform Resource Locator (URL)** setting that is locale-aware and that can be specified for a locale different than the default.

Child Elements:

Override: A **URLLocaleOverride** (section 2.2.4) element that specifies the value of **URLLocaleAwareSetting** for an additional locale.

Attributes:

DefaultValue: A **URL** (section 2.3.4) attribute that that specifies the default value for this setting for the locale culture name that is specified in the **DefaultLocale** child element of **OfficeApp** (section 2.2.21)

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="URLLocaleAwareSetting">
  <xs:sequence>
```


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```
    <xs:element name="Override" type="URLLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="DefaultValue" type="URL" use="required"/>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.9 ContentAppSettings

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: ContentApp

This element defines the settings applicable to a **content add-in**.

Child Elements:

SourceLocation: A **URLLocaleAwareSetting** (section 2.2.8) element that specifies the list of source file locations for this content add-in.

RequestedWidth: An **ST_RequestedWidth** (section 2.3.9) element that specifies the desired width in pixels for the initial content placeholder. This value MUST be between 32 and 1000 pixels.

RequestedHeight: An **ST_RequestedHeight** (section 2.3.10) element that specifies the desired height in pixels for the initial content placeholder. This value MUST be between 32 and 1000 pixels.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ContentAppSettings">
  <xs:sequence>
    <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="RequestedWidth" minOccurs="0" maxOccurs="1"
type="ver:ST_RequestedWidth"/>
    <xs:element name="RequestedHeight" minOccurs="0" maxOccurs="1"
type="ver:ST_RequestedHeight"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.10 TaskPaneAppSettings

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: TaskPaneApp

Specifies the settings applicable to a **task pane add-in**.

Child Elements:

SourceLocation: A **URLLocaleAwareSetting** (section 2.2.8) element that specifies the list of source file locations for this task pane add-in.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

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```
<xs:complexType name="TaskPaneAppSettings">
  <xs:sequence>
    <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.11 DesktopMailAppSettings

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: MailApp

Contains the settings applicable to a **mail add-in** when running on a non-tablet device.

Child Elements:

SourceLocation: A **URLLocaleAwareSetting** element (section 2.2.8) that specifies the source file location for this desktop mail add-in.

RequestedHeight: An **ST_RequestedHeight1** element (section 2.3.11) that specifies the desired height, in pixels, of the display area for this mail add-in when running on a desktop computer.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="DesktopMailAppSettings">
  <xs:sequence>
    <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="RequestedHeight" minOccurs="1" maxOccurs="1"
type="ver:ST_RequestedHeight1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.12 TabletMailAppSettings

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: MailApp

Contains the settings applicable to a **mail add-in** when running on a tablet computer.

Child Elements:

SourceLocation: A **URLLocaleAwareSetting** element (section 2.2.8) that specifies the source file location for this tablet mail add-in.

RequestedHeight: An **ST_RequestedHeight2** element (section 2.3.12) that specifies the desired height, in pixels, of the display area for this mail add-in when running on a tablet computer.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

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```
<xs:complexType name="TabletMailAppSettings">
  <xs:sequence>
    <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="RequestedHeight" minOccurs="1" maxOccurs="1"
type="ver:ST_RequestedHeight2"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.13 PhoneMailAppSettings

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: MailApp

Contains the settings applicable to a **mail add-in** when running on a smartphone.

Child Elements:

SourceLocation: A **URLLocaleAwareSetting** element (section 2.2.8) that specifies the source file location for this phone mail add-in.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="PhoneMailAppSettings">
  <xs:sequence>
    <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.14 Rule

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: ItemIs, ItemHasKnownEntity, ItemHasRegularExpressionMatch, ItemHasAttachment, RuleCollection, MailApp

Specifies a base type for complex types that specify the conditions for the host application to activate the **mail add-in**.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Rule" abstract="true"/>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.15 ItemIs

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

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Defines a rule that evaluates to true if the selected item is of the specified type.

Attributes:

ItemType: An **ItemType** attribute (section 2.3.13) that specifies the item type to match.

ItemClass: A **NonEmptyString** attribute (section 2.3.1) that specifies the item message class ([MS-OXCMSG]) to match.

IncludeSubClasses: A **boolean** attribute ([XMLSCHEMA2] section 3.2.2) that specifies whether the rule evaluates to true if the item is of a subclass of the specified message class. An item is considered a subclass of the specified message class if its message class begins with the value in the **ItemClass** attribute, followed by a period (".") and additional text. The default value is false.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemIs">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:attribute name="ItemType" type="ItemType" use="required"/>
      <xs:attribute name="ItemClass" type="NonEmptyString" use="optional"/>
      <xs:attribute name="IncludeSubClasses" type="xs:boolean" use="optional"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.16 ItemHasKnownEntity

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Defines a rule that evaluates to true if the item contains text of the specified entity type in its subject or body.

Attributes:

EntityType: A **KnownEntityType** attribute (section 2.3.14) that specifies the type of entity that MUST be found for the rule to evaluate to true.

RegExFilter: A **NonEmptyString** attribute (section 2.3.1) that specifies a regular expression to evaluate against the entity. If the evaluation results in a match, then the rule evaluates to true. If it does not result in a match, the rule evaluates to false.

FilterName: A **NonEmptyString** attribute (section 2.3.1) that specifies the name of the regular expression filter contained in the **RegExFilter** attribute.

IgnoreCase: A **boolean** attribute ([XMLSCHEMA2] section 3.2.2) that specifies whether case is ignored when evaluating the regular expression specified by the **RegExFilter** attribute.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemHasKnownEntity">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:attribute name="EntityType" type="KnownEntityType" use="required"/>
      <xs:attribute name="RegExFilter" type="NonEmptyString" use="optional"/>
      <xs:attribute name="FilterName" type="NonEmptyString" use="optional"/>
```


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```
      <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.17 ItemHasRegularExpressionMatch

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Specifies a rule that evaluates to true if a match for the specified regular expression can be found in the specified property of an item.

Attributes:

RegExName: A **NonEmptyString** attribute (section 2.3.1) that specifies the name of the regular expression, so that it is subsequently possible to refer to it programmatically.

RegExValue: A **NonEmptyString** attribute (section 2.3.1) that specifies the regular expression to match.

PropertyName: A **PropertyName** attribute (section 2.3.15) that specifies the name of the property in which to look for the regular expression matches.

IgnoreCase: A **boolean** attribute ([XMLSCHEMA2] section 3.2.2) that, if true, specifies to ignore the case when applying the regular expression.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemHasRegularExpressionMatch">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:attribute name="RegExName" type="NonEmptyString" use="required"/>
      <xs:attribute name="RegExValue" type="NonEmptyString" use="required"/>
      <xs:attribute name="PropertyName" type="PropertyName" use="required"/>
      <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.18 ItemHasAttachment

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Specifies a rule that evaluates to true if the item contains an attachment.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemHasAttachment">
  <xs:complexContent>
    <xs:extension base="Rule"/>
  </xs:complexContent>
</xs:complexType>
```


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See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.19 RuleCollection

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Specifies a collection of rules and the logical operator to use when evaluating them.

Child Elements:

Rule: A **Rule** element (section 2.2.14) that specifies the list of rules that this collection contains.

Attributes:

Mode: A **LogicalOperator** attribute (section 2.3.16) that specifies the logical operator to use when evaluating this rule collection.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="RuleCollection">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:sequence>
        <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="unbounded"/>
      </xs:sequence>
      <xs:attribute name="Mode" type="LogicalOperator" use="required"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.20 AppDomains

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: OfficeApp, ContentApp, TaskPaneApp, MailApp

Specifies additional domains that the **Office Add-in** uses to load its pages.

Child Elements:

AppDomain: A **LongString** element (section 2.3.3) that specifies a domain that will be used to load one or more Office Add-in pages.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="AppDomains">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="AppDomain" type="LongString"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.21 OfficeApp

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: ContentApp, TaskPaneApp, MailApp

Specifies an abstract type that defines an **Office Add-in**.

Child Elements:

Id: A **UUID** element (section 2.3.5) that specifies a unique identifier for the Office Add-in.

AlternateId: An **AlternateId** element (section 2.3.6) that specifies an alternate identifier for the Office Add-in.

Version: A **Version** element (section 2.3.8) that specifies the version of the Office Add-in.

ProviderName: A **ShortString** element (section 2.3.2) that specifies the name of the individual or company that developed the Office Add-in.

DefaultLocale: A **CultureName** element (section 2.3.7) that specifies the culture name of the locale used by default by strings in the Office Add-in **manifest**.

DisplayName: A **ShortLocaleAwareSetting** element (section 2.2.6) that specifies a short name for the Office Add-in.

Description: A **LongLocaleAwareSetting** element (section 2.2.7) that specifies a verbose description of the Office Add-in.

IconUrl: A **URLLocaleAwareSetting** element (section 2.2.8) that specifies the **Uniform Resource Locator (URL)** of the image that is used to represent the Office Add-in.

SupportUrl: A **URLLocaleAwareSetting** element (section 2.2.8) that specifies the URL of a page that provides support information for the Office Add-in.

AppDomains: An **AppDomains** element (section 2.2.20) that specifies additional domains that this Office Add-in will use to load pages.

VersionOverrides: An element that specifies elements for use in future versions of the Office Add-in platform. These elements MAY be overrides to previously defined elements or new elements.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="OfficeApp" abstract="true">
  <xs:sequence>
    <xs:element name="Id" type="UUID" minOccurs="1" maxOccurs="1"/>
    <xs:element name="AlternateId" type="AlternateId" minOccurs="0" maxOccurs="1"/>
    <xs:element name="Version" type="Version" minOccurs="1" maxOccurs="1"/>
    <xs:element name="ProviderName" type="ShortString" minOccurs="1" maxOccurs="1"/>
    <xs:element name="DefaultLocale" type="CultureName" minOccurs="1" maxOccurs="1"/>
    <xs:element name="DisplayName" type="ShortLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="Description" type="LongLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="IconUrl" type="URLLocaleAwareSetting" minOccurs="0" maxOccurs="1"/>
    <xs:element name="SupportUrl" type="URLLocaleAwareSetting" minOccurs="0" maxOccurs="1"/>
    <xs:element name="AppDomains" type="AppDomains" minOccurs="0" maxOccurs="1"/>
    <xs:element name="VersionOverrides"
xmlns="http://schemas.microsoft.com/office/versionoverrides/1.0" minOccurs="0"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```


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See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.22 ContentAppCapability

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: CT_Capabilities

Specifies the capabilities supported by a **content add-in**.

Attributes:

Name: A **ContentAppCapabilities** attribute (section 2.3.17) that specifies a capability supported by the content add-in type.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ContentAppCapability">
  <xs:attribute name="Name" type="ContentAppCapabilities" use="required"/>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.23 CT_Capabilities

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: ContentApp

Specifies up to three capabilities supported by the **content add-in**.

Child Elements:

Capability: A **ContentAppCapability** element (section 2.2.22) that specifies a required capability.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CT_Capabilities">
  <xs:sequence>
    <xs:element name="Capability" type="ContentAppCapability" minOccurs="1" maxOccurs="3"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.24 ContentApp

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Defines a **content add-in** that is placed in-line with document content to provide a richer web-based experience.

Child Elements:

Id: A **UUID** element (section 2.3.5) that specifies a unique identifier for the **Office Add-in**.

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AlternateId: An **AlternateId** element (section 2.3.6) that specifies an alternate identifier for the Office Add-in.

Version: A **Version** element (section 2.3.8) that specifies the version of the Office Add-in.

ProviderName: A **ShortString** element (section 2.3.2) that specifies the name of the individual or company that developed the Office Add-in.

DefaultLocale: A **CultureName** element (section 2.3.7) that specifies the culture name of the locale used by default by strings in the Office Add-in **manifest**.

DisplayName: A **ShortLocaleAwareSetting** element (section 2.2.6) that specifies a short name for the Office Add-in.

Description: A **LongLocaleAwareSetting** element (section 2.2.7) that specifies a verbose description of the Office Add-in.

IconUrl: A **URLLocaleAwareSetting** element (section 2.2.8) that specifies the **Uniform Resource Locator (URL)** of the image that is used to represent the Office Add-in.

SupportUrl: A **URLLocaleAwareSetting** element (section 2.2.8) that specifies the URL of a page that provides support information for the Office Add-in.

AppDomains: An **AppDomains** element (section 2.2.20) that specifies additional domains that this Office Add-in will use to load pages.

VersionOverrides: An element that specifies elements for use in future versions of the Office Add-in platform. These elements MAY be overrides to previously defined elements or new elements.

Capabilities: A **CT_Capabilities** element (section 2.2.23) that specifies the capabilities that are required by this content add-in; the host application will look for at least one match before activating the app.

DefaultSettings: A **ContentAppSettings** element (section 2.2.9) that specifies control settings that are applied whenever this content add-in is used.

Permissions: An **ST_Permissions** element (section 2.3.18) that specifies the subset of the API that MAY be available to this content add-in at runtime. The application implementer permissions are based on a least privilege.

AllowSnapshot: A **boolean** element ([XMLSCHEMA2] section 3.2.2) that specifies whether a snapshot image of this content add-in is saved when the hosting document is saved.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ContentApp">
  <xs:complexContent>
    <xs:extension base="OfficeApp">
      <xs:sequence>
        <xs:element name="Capabilities" minOccurs="1" maxOccurs="1"
type="ver:CT_Capabilities"/>
        <xs:element name="DefaultSettings" type="ContentAppSettings" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="Permissions" minOccurs="1" maxOccurs="1"
type="ver:ST_Permissions"/>
        <xs:element name="AllowSnapshot" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
        <xs:any id="ContentAppSignature" minOccurs="0" maxOccurs="1"
namespace="http://www.w3.org/2000/09/xmldsig#" processContents="lax"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
```


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```
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.25 Dictionary

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: TaskPaneApp

Defines settings for a **task pane add-in** that implements additional dictionary support.

Child Elements:

TargetDialects: A **TargetDialects** element (section 2.2.26) that specifies the dialects supported by the dictionary.

QueryUri: A **URLLocaleAwareSetting** element (section 2.2.8) that specifies the URL of the **endpoint** for the dictionary query service.

CitationText: A **ShortLocaleAwareSetting** element (section 2.2.6) that specifies the citation boilerplate text for the dictionary.

DictionaryName: A **ShortLocaleAwareSetting** element (section 2.2.6) that specifies the name of this dictionary.

DictionaryHomePage: A **URLLocaleAwareSetting** element (section 2.2.8) that specifies the URL of the home page for the dictionary.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Dictionary">
  <xs:sequence>
    <xs:element name="TargetDialects" type="TargetDialects" minOccurs="1" maxOccurs="1"/>
    <xs:element name="QueryUri" type="URLLocaleAwareSetting" minOccurs="1" maxOccurs="1"/>
    <xs:element name="CitationText" type="ShortLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="DictionaryName" type="ShortLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="DictionaryHomePage" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.26 TargetDialects

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: Dictionary

Specifies the dialect(s) supported by **Dictionary** (section 2.2.25).

Child Elements:

TargetDialect: A **CultureName** element (section 2.3.7) that specifies a dialect supported by this **Dictionary** (section 2.2.25), represented as a culture name string.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="TargetDialects">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="TargetDialect" type="CultureName"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.27 TaskPaneAppCapability

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: CT_Capabilities1

Specifies the capabilities supported by a **task pane add-in**.

Attributes:

Name: A **TaskPaneAppCapabilities** attribute (section 2.3.19) that specifies a capability supported by the task pane add-in type.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="TaskPaneAppCapability">
  <xs:attribute name="Name" type="TaskPaneAppCapabilities" use="required"/>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.28 CT_Capabilities1

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: TaskPaneApp

Specifies up to four capabilities supported by a **task pane add-in**

Child Elements:

Capability: A **TaskPaneAppCapability** element (section 2.2.27) that specifies a required capability.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CT_Capabilities1">
  <xs:sequence>
    <xs:element name="Capability" type="TaskPaneAppCapability" minOccurs="1" maxOccurs="4"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.29 TaskPaneApp

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Specifies an **Office Add-in** that is displayed in a task pane to enhance the viewing and authoring experience.

Child Elements:

Id: A **UUID** element (section 2.3.5) that specifies a unique identifier for the Office Add-in.

AlternateId: An **AlternateId** element (section 2.3.6) that specifies an alternate identifier for the Office Add-in.

Version: A **Version** element (section 2.3.8) that specifies the version of the Office Add-in.

ProviderName: A **ShortString** element (section 2.3.2) that specifies the name of the individual or company that developed the Office Add-in.

DefaultLocale: A **CultureName** element (section 2.3.7) that specifies the culture name of the locale used by default by strings in the Office Add-in **manifest**.

DisplayName: A **ShortLocaleAwareSetting** element (section 2.2.6) that specifies a short name for the Office Add-in.

Description: A **LongLocaleAwareSetting** element (section 2.2.7) that specifies a verbose description of the Office Add-in.

IconUrl: A **URLLocaleAwareSetting** element (section 2.2.8) that specifies the **Uniform Resource Locator (URL)** of the image that is used to represent the Office Add-in.

SupportUrl: A **URLLocaleAwareSetting** element (section 2.2.8) that specifies the URL of a page that provides support information for the Office Add-in.

AppDomains: An **AppDomains** element (section 2.2.20) that specifies additional domains that this Office Add-in will use to load pages.

VersionOverrides: An element that specifies elements for use in future versions of the Office Add-in platform. These elements MAY be overrides to previously defined elements or new elements.

Capabilities: A **CT_Capabilities1** element (section 2.2.28) that specifies the capabilities that are required by this **task pane add-in**; the host application will look for at least one match before activating the task pane add-in.

DefaultSettings: A **TaskPaneAppSettings** element (section 2.2.10) that specifies control settings that are applied whenever this task pane add-in is used.

Permissions: An **ST_Permissions1** element (section 2.3.20) that specifies the subset of the API that are available to this task pane add-in at runtime; the application implementer has permissions based on least privilege.

Dictionary: A **Dictionary** element (section 2.2.25) that specifies control settings that apply to a task pane add-in that implements additional dictionary support.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="TaskPaneApp">
  <xs:complexContent>
    <xs:extension base="OfficeApp">
      <xs:sequence>
```


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```
        <xs:element name="Capabilities" minOccurs="1" maxOccurs="1"
type="ver:CT_Capabilities1"/>
        <xs:element name="DefaultSettings" type="TaskPaneAppSettings" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="Permissions" minOccurs="1" maxOccurs="1"
type="ver:ST_Permissions1"/>
        <xs:element name="Dictionary" type="Dictionary" minOccurs="0" maxOccurs="1"/>
        <xs:any id="TaskPaneAppSignature" minOccurs="0" maxOccurs="1"
namespace="http://www.w3.org/2000/09/xmldsig#" processContents="lax"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.30 MailAppCapability

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: CT_Capabilities2

Specifies the capabilities supported by a **mail add-in**.

Attributes:

Name: A **MailAppCapabilities** attribute (section 2.3.21) that specifies capability supported by the mail add-in.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MailAppCapability">
  <xs:attribute name="Name" type="MailAppCapabilities" use="required"/>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.31 CT_Capabilities2

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: MailApp

Specifies one capability supported by a **mail add-in**.

Child Elements:

Capability: A **MailAppCapability** element (section 2.2.30) that specifies a required capability.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CT_Capabilities2">
  <xs:sequence>
    <xs:element name="Capability" type="MailAppCapability" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```


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See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.32 MailApp

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Defines an **Office Add-in** activated according to rules and displayed adjacent to the selected mail item to enhance the reading experience.

Child Elements:

Id: A **UUID** element (section 2.3.5) that specifies a unique identifier for the Office Add-in.

AlternateId: An **AlternateId** element (section 2.3.6) that specifies an alternate identifier for the Office Add-in.

Version: A **Version** element (section 2.3.8) that specifies the version of the Office Add-in.

ProviderName: A **ShortString** element (section 2.3.2) that specifies the name of the individual or company that developed the Office Add-in.

DefaultLocale: A **CultureName** element (section 2.3.7) that specifies the culture name of the locale used by default by strings in the Office Add-in **manifest**.

DisplayName: A **ShortLocaleAwareSetting** element (section 2.2.6) that specifies a short name for the Office Add-in.

Description: A **LongLocaleAwareSetting** element (section 2.2.7) that specifies a verbose description of the Office Add-in.

IconUrl: A **URLLocaleAwareSetting** element (section 2.2.8) that specifies the **Uniform Resource Locator (URL)** of the image that is used to represent the Office Add-in.

SupportUrl: A **URLLocaleAwareSetting** element (section 2.2.8) that specifies the URL of a page that provides support information for the Office Add-in.

AppDomains: An **AppDomains** element (section 2.2.20) that specifies additional domains that this Office Add-in will use to load pages.

VersionOverrides: An element that specifies elements for use in future versions of the Office Add-in platform. These elements MAY be overrides to previously defined elements or new elements.

Capabilities: A **CT_Capabilities2** element (section 2.2.31) that specifies the capabilities that are required by this **mail add-in**. The host application will look for at least one match before activating the app.

DesktopSettings: A **DesktopMailAppSettings** element (section 2.2.11) that specifies settings that apply when this mail add-in is used on a desktop computer.

TabletSettings: A **TabletMailAppSettings** element (section 2.2.12) that specifies settings that apply when this mail add-in is used on a tablet computer.

PhoneSettings: A **PhoneMailAppSettings** element (section 2.2.13) that specifies settings that apply when this mail add-in is used on a smartphone.

Permissions: An **ST_Permissions2** element (section 2.3.22) that specifies the permission level required by this mail add-in.

Rule: A **Rule** section element (2.2.14) that specifies the activation rule for this mail add-in.

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DisableEntityHighlighting: A **boolean** ([XMLSCHEMA2] section 3.2.2) element that specifies whether entity highlighting is disabled for this mail add-in. If the value of this element is true, entity highlighting is disabled for this mail add-in.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MailApp">
  <xs:complexContent>
    <xs:extension base="OfficeApp">
      <xs:sequence>
        <xs:element name="Capabilities" minOccurs="1" maxOccurs="1"
type="ver:CT_Capabilities2"/>
        <xs:element name="DesktopSettings" type="DesktopMailAppSettings" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="TabletSettings" type="TabletMailAppSettings" minOccurs="0"
maxOccurs="1"/>
        <xs:element name="PhoneSettings" type="PhoneMailAppSettings" minOccurs="0"
maxOccurs="1"/>
        <xs:element name="Permissions" minOccurs="1" maxOccurs="1"
type="ver:ST_Permissions2"/>
        <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="1"/>
        <xs:element name="DisableEntityHighlighting" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
        <xs:any id="MailAppSignature" minOccurs="0" maxOccurs="1"
namespace="http://www.w3.org/2000/09/xmldsig#" processContents="lax"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.33 AppDomains

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: OfficeApp, ContentApp, TaskPaneApp, MailApp

Defines additional domains that the **Office Add-in** uses to load its pages.

Child Elements:

AppDomain: A **LongString** (section 2.3.29) element that specifies a domain that will be used to load one or more Office Add-in pages.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="AppDomains">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="AppDomain" type="LongString"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.34 ContentApp

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

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Defines a **content add-in** that is placed in-line with document content to provide a richer web-based experience.

Child Elements:

Id: A UUID element that specifies a unique identifier for the **Office Add-in**.

AlternateId: An AlternateId element that specifies an alternate identifier for the Office Add-in.

Version: A Version element that specifies the version of the Office Add-in.

ProviderName: A ShortString element that specifies the name of the individual or company that developed the Office Add-in.

DefaultLocale: A CultureName element that specifies the culture name of the locale used by default by strings in the Office Add-in **manifest**.

DisplayName: A ShortLocaleAwareSetting element that specifies a short name for the Office Add-in.

Description: A LongLocaleAwareSetting element that specifies a verbose description of the Office Add-in.

IconUrl: A URLLocaleAwareSetting element that specifies the **Uniform Resource Locator (URL)** of the image that is used to represent the Office Add-in.

HighResolutionIconUrl: A URLLocaleAwareSetting element that specifies the Uniform Resource Locator (URL) of the image that is used to represent the Office Add-in on high dpi screens.

SupportUrl: A URLLocaleAwareSetting element that specifies the Uniform Resource Locator (URL) of a page that provides support information for the Office Add-in.

AppDomains: An AppDomains element that specifies additional domains that this Office Add-in will use to load pages.

Hosts: A Hosts element that specifies the client applications where the Office Add-in will activate.

Requirements: A Requirements element that specifies the minimum set of JavaScript API requirements that the content add-in needs to activate.

DefaultSettings: A ContentAppSettings element that control settings that are applied whenever the content add-in is used.

Permissions: An ST_Permissions element that specifies the subset of the API that MAY be available to this content add-in at runtime; the implementer SHOULD request permissions based on "least privilege".

AllowSnapshot: A boolean ([XMLSCHEMA2] section 3.2.2) element that specifies whether a snapshot image of this content add-in is saved when the hosting document is saved.

contentor:VersionOverrides: A VersionOverridesV1_0 element that specifies a collection of client application types. Data defined in this element overrides the same data present in the parent node of this element in the manifest for client applications that support this extended manifest content. Content overrides are applicable specifically for content add-ins.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ContentApp">
  <xs:complexContent>
    <xs:extension base="OfficeApp">
      <xs:sequence>
        <xs:element name="Requirements" type="Requirements" minOccurs="0" maxOccurs="1"/>
```


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```
        <xs:element name="DefaultSettings" type="ContentAppSettings" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="Permissions" minOccurs="1" maxOccurs="1" type="ST_Permissions"/>
        <xs:element name="AllowSnapshot" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
        <xs:element ref="contentor:VersionOverrides" minOccurs="0" maxOccurs="1"/>
        <xs:any id="ContentAppSignature" minOccurs="0" maxOccurs="1"
namespace="http://www.w3.org/2000/09/xmldsig#" processContents="lax"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.35 ContentAppSettings

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ContentApp

Defines the settings applicable to a **content add-in**.

Child Elements:

SourceLocation: A URLLocaleAwareSetting element that specifies the list of source file locations for this content add-in.

RequestedWidth: An ST_RequestedWidth element that specifies the desired width in pixels for the initial content placeholder. This value MUST be between 32 and 1000 pixels.

RequestedHeight: An ST_RequestedHeight element that specifies the desired height in pixels for the initial content placeholder. This value MUST be between 32 and 1000 pixels.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ContentAppSettings">
  <xs:sequence>
    <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="RequestedWidth" minOccurs="0" maxOccurs="1" type="ST_RequestedWidth"/>
    <xs:element name="RequestedHeight" minOccurs="0" maxOccurs="1"
type="ST_RequestedHeight"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.36 Dictionary

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: TaskPaneApp

Defines settings for a **task pane add-in** that implements additional dictionary support.

Child Elements:

TargetDialects: A TargetDialects element that specifies the dialects supported by the dictionary.

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QueryUri: A URLLocaleAwareSetting element that specifies the URL of the **endpoint** for the dictionary query service.

CitationText: A ShortLocaleAwareSetting element that specifies the citation boilerplate text for the dictionary.

DictionaryName: A ShortLocaleAwareSetting element that specifies the name of this dictionary.

DictionaryHomePage: A URLLocaleAwareSetting element that specifies the URL of the home page for the dictionary.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Dictionary">
  <xs:sequence>
    <xs:element name="TargetDialects" type="TargetDialects" minOccurs="1" maxOccurs="1"/>
    <xs:element name="QueryUri" type="URLLocaleAwareSetting" minOccurs="1" maxOccurs="1"/>
    <xs:element name="CitationText" type="ShortLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="DictionaryName" type="ShortLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="DictionaryHomePage" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.37 FormSettings

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: MailApp

Defines the UX settings for the **mail add-in**, such as source location, points of integration and add-in pane size.

Child Elements:

Form: A FormType element that specifies UX settings for a specific mail add-in form type such as read or compose.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="FormSettings">
  <xs:sequence>
    <xs:element name="Form" type="FormType" minOccurs="1" maxOccurs="2"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.38 FormType

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ItemRead, ItemEdit, FormSettings

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Defines a generic type for specifying **mail add-in** UX settings in mail add-in form types. Mail add-in form types include read and compose.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="FormType" abstract="true"/>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.39 Host

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: Hosts

Defines a Host element that specifies an individual Office application type where the **Office Add-in** SHOULD activate, such as document, workbook, presentation, mailbox, project, database, or notebook.

Attributes:

Name: A ShortString attribute that specifies the Office application type where the Office Add-in SHOULD activate, such as "Document", "Workbook", "Presentation", "Mailbox", "Project", "Database", or "Notebook".

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Host">
  <xs:attribute name="Name" type="ShortString" use="required"/>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.40 Hosts

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: OfficeApp, ContentApp, TaskPaneApp, MailApp

Specifies the Office client Host type where an **Office Add-in** will be activated.

Child Elements:

Host: A Host element that specifies an individual Office application type where the Office Add-in SHOULD activate, such as document, workbook, presentation, mailbox, project, database, or notebook.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Hosts">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="Host" type="Host"/>
  </xs:sequence>
</xs:complexType>
```


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See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.41 ItemEdit

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Specifies the UX setting for the **mail add-in** compose and edit form types.

Child Elements:

DesktopSettings: An ItemEditMailAppSettings element that specifies settings that apply when this mail add-in is used on a desktop computer.

TabletSettings: An ItemEditMailAppSettings element that specifies settings that apply when this mail add-in is used on a tablet computer.

PhoneSettings: An ItemEditMailAppSettings element that specifies settings that apply when this mail add-in is used on a smartphone.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemEdit">
  <xs:complexContent>
    <xs:extension base="FormType">
      <xs:sequence>
        <xs:element name="DesktopSettings" type="ItemEditMailAppSettings" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="TabletSettings" type="ItemEditMailAppSettings" minOccurs="0"
maxOccurs="1"/>
        <xs:element name="PhoneSettings" type="ItemEditMailAppSettings" minOccurs="0"
maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.42 ItemEditMailAppSettings

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ItemEdit

Defines the form factor-aware settings applicable to mail add-ins when running in a compose form.

Child Elements:

SourceLocation: A URLLocaleAwareSetting element that specifies the source file location for this **mail add-in**.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemEditMailAppSettings">
  <xs:sequence>
    <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
```


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```
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.43 ItemHasAttachment

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Defines a rule that evaluates to true if the item contains an attachment.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemHasAttachment">
  <xs:complexContent>
    <xs:extension base="Rule"/>
  </xs:complexContent>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.44 ItemHasKnownEntity

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Defines a rule that evaluates to true if the item contains text of the specified entity type in its subject or body.

Attributes:

EntityType: A **KnownEntityType** (section 2.3.27) attribute that specifies the type of entity that MUST be found for the rule to evaluate to true.

RegExFilter: A **NonEmptyString** (section 2.3.30) attribute that specifies a regular expression to evaluate against the entity. If the evaluation results in a match, then the rule evaluates to true. If it does not result in a match, the rule evaluates to false.

FilterName: A **NonEmptyString** attribute that specifies the name of the regular expression filter contained in the **RegExFilter** attribute.

IgnoreCase: A boolean ([XMLSCHEMA2] section 3.2.2) attribute that specifies whether case is ignored when evaluating the regular expression specified by the **RegExFilter** attribute.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemHasKnownEntity">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:attribute name="EntityType" type="KnownEntityType" use="required"/>
      <xs:attribute name="RegExFilter" type="NonEmptyString" use="optional"/>
      <xs:attribute name="FilterName" type="NonEmptyString" use="optional"/>
      <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```


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See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.45 ItemHasRegularExpressionMatch

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Specifies a rule that evaluates to true if a match for the specified regular expression can be found in the specified property of an item.

Attributes:

RegExName: A NonEmptyString attribute that specifies the name of the regular expression, so that it is subsequently possible to refer to it programmatically.

RegExValue: A NonEmptyString attribute that specifies the regular expression to match.

PropertyName: A PropertyName attribute that specifies the name of the property in which to look for the regular expression matches.

IgnoreCase: A **boolean** ([XMLSCHEMA2] section 3.2.2) attribute that specifies whether to ignore the case when applying the regular expression.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemHasRegularExpressionMatch">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:attribute name="RegExName" type="NonEmptyString" use="required"/>
      <xs:attribute name="RegExValue" type="NonEmptyString" use="required"/>
      <xs:attribute name="PropertyName" type="PropertyName" use="required"/>
      <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.46 ItemIs

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Defines a rule that evaluates to true if the selected item is of the specified type.

Attributes:

ItemType: An ItemType attribute that specifies the item type to match.

FormType: An ItemFormType attribute that specifies whether the **mail add-in** SHOULD appear in read or edit form for the item.

ItemClass: A NonEmptyString attribute that specifies the item message class ([MS-OXCMSG]) to match.

IncludeSubClasses: A boolean ([XMLSCHEMA2] section 3.2.2) attribute that specifies whether the rule evaluates to true when the item is of a subclass of the specified message class. An item is considered a subclass of the specified message class if its message class begins with the value in the **ItemClass** attribute, followed by a period (".") and additional text. The default value is false.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemIs">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:attribute name="ItemType" type="ItemType" use="required"/>
      <xs:attribute name="FormType" type="ItemFormType" use="required"/>
      <xs:attribute name="ItemClass" type="NonEmptyString" use="optional"/>
      <xs:attribute name="IncludeSubClasses" type="xs:boolean" use="optional"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.47 ItemReadDesktopMailAppSettings

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ItemRead

Defines the form factor-aware settings applicable to a **mail add-in** when running on a desktop computer.

Child Elements:

SourceLocation: A URLLocaleAwareSetting element that specifies the source file location for this desktop mail add-in.

RequestedHeight: An ST_RequestedHeight1 element that specifies the desired height, in pixels, of the display area for this mail add-in when running on a desktop computer.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemReadDesktopMailAppSettings">
  <xs:sequence>
    <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="RequestedHeight" minOccurs="1" maxOccurs="1"
type="ST_RequestedHeight1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.48 ItemRead

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Specifies the UX settings for the **mail add-in** read form type.

Child Elements:

DesktopSettings: An ItemReadDesktopMailAppSettings element that specifies settings that apply when this mail add-in is used on a desktop computer.

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TabletSettings: An ItemReadTabletMailAppSettings element that specifies settings that apply when this mail add-in is used on a tablet computer.

PhoneSettings: An ItemReadPhoneMailAppSettings element that specifies settings that apply when this mail add-in is used on a smartphone.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemRead">
  <xs:complexContent>
    <xs:extension base="FormType">
      <xs:sequence>
        <xs:element name="DesktopSettings" type="ItemReadDesktopMailAppSettings"
minOccurs="1" maxOccurs="1"/>
        <xs:element name="TabletSettings" type="ItemReadTabletMailAppSettings" minOccurs="0"
maxOccurs="1"/>
        <xs:element name="PhoneSettings" type="ItemReadPhoneMailAppSettings" minOccurs="0"
maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.49 ItemReadPhoneMailAppSettings

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ItemRead

Defines the form factor-aware settings applicable to a **mail add-in** when running on a smartphone.

Child Elements:

SourceLocation: A URLLocaleAwareSetting element that specifies the source file location for this phone mail add-in.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemReadPhoneMailAppSettings">
  <xs:sequence>
    <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.50 ItemReadTabletMailAppSettings

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ItemRead

Defines the form factor-aware settings applicable to a **mail add-in** when running on a tablet computer.

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Child Elements:

SourceLocation: A URLLocaleAwareSetting element that specifies the source file location for this tablet mail add-in.

RequestedHeight: An ST_RequestedHeight2 element that specifies the desired height, in pixels, of the display area for this mail add-in when running on a tablet computer.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemReadTabletMailAppSettings">
  <xs:sequence>
    <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="RequestedHeight" minOccurs="1" maxOccurs="1"
type="ST_RequestedHeight2"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.51 LocaleAwareSetting

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Defines a setting that is unbounded, locale-aware, and that can be specified for a locale different than the default.

Child Elements:

Override: A LocaleOverride element that provides a way to specify the value of this setting for an additional locale.

Attributes:

DefaultValue: A NonEmptyString attribute that specifies the default value for this setting, expressed for the locale specified in the **DefaultLocale** child element of **OfficeApp** (section 2.2.58).

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LocaleAwareSetting">
  <xs:sequence>
    <xs:element name="Override" type="LocaleOverride" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="DefaultValue" type="NonEmptyString" use="required"/>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.52 LocaleOverride

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: LocaleAwareSetting

Defines the support for multiple locales for unbounded strings.

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Attributes:

Locale: A CultureName attribute that specifies the culture name of the locale for this override.

Value: A NonEmptyString attribute that specifies the value of the setting expressed for the specified locale.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LocaleOverride">
  <xs:attribute name="Locale" type="CultureName" use="required"/>
  <xs:attribute name="Value" type="NonEmptyString" use="required"/>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.53 LongLocaleAwareSetting

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: OfficeApp, ContentApp, TaskPaneApp, MailApp

Defines a setting that is a **LongString** (section 2.3.29), locale-aware, and that can be specified for a locale different than the default.

Child Elements:

Override: A LongLocaleOverride element that specifies the value of this setting for an additional locale.

Attributes:

DefaultValue: A LongString attribute that specifies the default value for this setting, expressed for the locale specified in the **DefaultLocale** child element of **OfficeApp** element (section 2.2.58).

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LongLocaleAwareSetting">
  <xs:sequence>
    <xs:element name="Override" type="LongLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="DefaultValue" type="LongString" use="required"/>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.54 LongLocaleOverride

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: LongLocaleAwareSetting

Specifies the support for multiple locales for long strings.

Attributes:

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Locale: A CultureName attribute that specifies the culture name of the locale for the override.

Value: A LongString attribute that specifies the value of the setting expressed for the specified locale.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LongLocaleOverride">
  <xs:attribute name="Locale" type="CultureName" use="required"/>
  <xs:attribute name="Value" type="LongString" use="required"/>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.55 MailApp

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Defines a **mail add-in** activated according to rules and displayed adjacent to the selected item to enhance the reading or editing experience.

Child Elements:

Id: A UUID element that specifies a unique identifier for the **Office Add-in**.

AlternateId: An AlternateId element that specifies an alternate identifier for the Office Add-in.

Version: A Version element that specifies the version of the Office Add-in.

ProviderName: A ShortString element that specifies the name of the individual or company that developed the Office Add-in.

DefaultLocale: A CultureName element that specifies the culture name of the locale used by default by strings in the Office Add-in **manifest**.

DisplayName: A ShortLocaleAwareSetting element that specifies a short name for the Office Add-in.

Description: A LongLocaleAwareSetting element that specifies a verbose description of the Office Add-in.

IconUrl: A URLLocaleAwareSetting element that specifies the **Uniform Resource Locator (URL)** of the image that is used to represent the Office Add-in.

HighResolutionIconUrl: A URLLocaleAwareSetting element that specifies the Uniform Resource Locator (URL) of the image that is used to represent the Office Add-in on high dpi screens.

SupportUrl: A URLLocaleAwareSetting element that specifies the Uniform Resource Locator (URL) of a page that provides support information for the Office Add-in.

AppDomains: An AppDomains element that specifies additional domains that this Office Add-in will use to load pages.

Hosts: A Hosts element that specifies the client applications where the Office Add-in will activate.

Requirements: A MailAppRequirements element specifies the minimum named subsets of the JavaScript API for Office that the mail add-in requires to activate.

FormSettings: A FormSettings element that defines the UX settings for the mail add-in, such as source location, points of integration and mail add-in pane size.

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Permissions: An ST_Permissions2 element that specifies the permission level required by a mail add-in.

Rule: A Rule element that specifies the list of rules that this collection contains for this mail add-in.

DisableEntityHighlighting: A **boolean** ([XMLSCHEMA2] section 3.2.2) element that, if set to true, specifies that entity highlighting is disabled for this mail add-in, and if set to false, enables entity highlighting.

mailor:VersionOverrides: A VersionOverridesV1_0 element that specifies a collection of host types and their settings. Data defined in this element overrides the same data present in any parent portion of this manifest for hosts that support this extended manifest content.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MailApp">
  <xs:complexContent>
    <xs:extension base="OfficeApp">
      <xs:sequence>
        <xs:element name="Requirements" type="MailAppRequirements" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="FormSettings" type="FormSettings" minOccurs="1" maxOccurs="1"/>
        <xs:element name="Permissions" minOccurs="0" maxOccurs="1" type="ST_Permissions2"/>
        <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="1"/>
        <xs:element name="DisableEntityHighlighting" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
        <xs:element ref="mailor:VersionOverrides" minOccurs="0" maxOccurs="1"/>
        <xs:any id="MailAppSignature" minOccurs="0" maxOccurs="1"
namespace="http://www.w3.org/2000/09/xmldsig#" processContents="lax"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.56 MailAppRequirements

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: MailApp

Specifies the minimum named subsets of the JavaScript API for Office that the **mail add-in** requires to activate.

Child Elements:

Sets: A Sets element that specifies the list of required API sets of the JavaScript API for Office that the mail add-in requires to activate.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MailAppRequirements">
  <xs:sequence>
    <xs:element name="Sets" type="Sets" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```


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See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.57 Methods

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: Requirements

Specifies the list of APIs of the JavaScript API for Office that the **Office Add-in** requires to activate.

Child Elements:

Method: A Requirement element that specifies an individual method from the JavaScript API for Office that the Office Add-in requires to activate.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Methods">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="Method" type="Requirement"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.58 OfficeApp

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ContentApp, TaskPaneApp, MailApp

Specifies an abstract type that defines an **Office Add-in**.

Child Elements:

Id: A UUID element that specifies a unique identifier for the Office Add-in.

AlternateId: An AlternateId element that specifies an alternate identifier for the Office Add-in.

Version: A Version element that specifies the version of the Office Add-in.

ProviderName: A ShortString element that specifies the name of the individual or company that developed the Office Add-in.

DefaultLocale: A CultureName element that specifies the culture name of the locale used by default by strings in the Office Add-in **manifest**.

DisplayName: A ShortLocaleAwareSetting element that specifies a short name for the Office Add-in.

Description: A LongLocaleAwareSetting element that specifies a verbose description of the Office Add-in.

IconUrl: A URLLocaleAwareSetting element that specifies the **Uniform Resource Locator (URL)** of the image that is used to represent the Office Add-in.

HighResolutionIconUrl: A URLLocaleAwareSetting element that specifies the Uniform Resource Locator (URL) of the image that is used to represent the Office Add-in on high dpi screens.

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SupportUrl: A URLLocaleAwareSetting element that specifies the Uniform Resource Locator (URL) of a page that provides support information for the Office Add-in.

AppDomains: An AppDomains element that specifies additional domains that this Office Add-in will use to load pages.

Hosts: A Hosts element that specifies the client applications where the Office Add-in will activate.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="OfficeApp" abstract="true">
  <xs:sequence>
    <xs:element name="Id" type="UUID" minOccurs="1" maxOccurs="1"/>
    <xs:element name="AlternateId" type="AlternateId" minOccurs="0" maxOccurs="1"/>
    <xs:element name="Version" type="Version" minOccurs="1" maxOccurs="1"/>
    <xs:element name="ProviderName" type="ShortString" minOccurs="1" maxOccurs="1"/>
    <xs:element name="DefaultLocale" type="CultureName" minOccurs="1" maxOccurs="1"/>
    <xs:element name="DisplayName" type="ShortLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="Description" type="LongLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="IconUrl" type="URLLocaleAwareSetting" minOccurs="0" maxOccurs="1"/>
    <xs:element name="HighResolutionIconUrl" type="URLLocaleAwareSetting" minOccurs="0"
maxOccurs="1"/>
    <xs:element name="SupportUrl" type="URLLocaleAwareSetting" minOccurs="0" maxOccurs="1"/>
    <xs:element name="AppDomains" type="AppDomains" minOccurs="0" maxOccurs="1"/>
    <xs:element name="Hosts" type="Hosts" minOccurs="0" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.59 Requirement

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: Methods

Specifies the Requirement complex type used to select a method from the JavaScript API for Office that an **Office Add-in** requires to activate.

Attributes:

Name: A LongString attribute that specifies a method from the JavaScript API for Office that an Office Add-in requires to activate.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Requirement">
  <xs:attribute name="Name" type="LongString" use="required"/>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.60 Requirements

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

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Referenced by: ContentApp, RequirementsTokenOverride, TaskPaneApp

Specifies the minimum named sets AND / OR methods from the JavaScript API for Office that the **Office Add-in** requires to activate.

Child Elements:

Sets: A Sets element that specifies sets of APIs required for this add-in to activate.

Methods: A Methods element that specifies specific methods the add-in requires to activate.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Requirements">
  <xs:sequence>
    <xs:element name="Sets" type="Sets" minOccurs="0" maxOccurs="1"/>
    <xs:element name="Methods" type="Methods" minOccurs="0" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.61 RuleCollection

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Specifies a collection of rules and the logical operator to use when evaluating them.

Child Elements:

Rule: A **Rule** element (section 2.2.62) that specifies the list of rules that this collection contains.

Attributes:

Mode: A **LogicalOperator** attribute (section 2.3.28) that specifies the logical operator to use when evaluating this rule collection.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="RuleCollection">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:sequence>
        <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="unbounded"/>
      </xs:sequence>
      <xs:attribute name="Mode" type="LogicalOperator" use="required"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.62 Rule

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

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Referenced by: ItemIs, ItemHasKnownEntity, ItemHasRegularExpressionMatch, ItemHasAttachment, RuleCollection, MailApp

Specifies a base type for complex types that specify the conditions for the host application to activate the **mail add-in**.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Rule" abstract="true"/>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.63 Sets

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: Requirements, MailAppRequirements

Specifies the list of API sets from the JavaScript API for Office that the **Office Add-in** requires to activate.

Child Elements:

Set: A VersionedRequirement element that specifies an individual set from the JavaScript API for Office that the Office Add-in requires to activate.

Attributes:

DefaultMinVersion: A ShortVersion attribute that specifies the default JavaScript API for Office version of each subsequent set element, unless otherwise specified.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Sets">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="Set" type="VersionedRequirement"/>
  </xs:sequence>
  <xs:attribute name="DefaultMinVersion" type="ShortVersion" default="1.1"/>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.64 ShortLocaleAwareSetting

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: OfficeApp, ContentApp, Dictionary, TaskPaneApp, MailApp

Specifies a **ShortString** (section 2.3.32) setting that is locale-aware, and that can be specified for a locale different than the default.

Child Elements:

Override: A ShortLocaleOverride element that specifies the value of **ShortLocaleAwareSetting** for an additional locale.

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Attributes:

DefaultValue: A ShortString attribute that specifies the default value for this setting for the locale culture name that is specified in the **DefaultLocale** child element of **OfficeApp** (section 2.2.58).

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ShortLocaleAwareSetting">
  <xs:sequence>
    <xs:element name="Override" type="ShortLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="DefaultValue" type="ShortString" use="required"/>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.65 ShortLocaleOverride

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ShortLocaleAwareSetting

Specifies the support for multiple locales for short strings.

Attributes:

Locale: A CultureName attribute that specifies the culture name of the locale for the override.

Value: A ShortString attribute that specifies the value of the setting expressed for the specified locale.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ShortLocaleOverride">
  <xs:attribute name="Locale" type="CultureName" use="required"/>
  <xs:attribute name="Value" type="ShortString" use="required"/>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.66 TargetDialects

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: Dictionary

Defines the dialect(s) supported by a **Dictionary** (section 2.2.36).

Child Elements:

TargetDialect: A CultureName element that specifies a dialect supported by this **Dictionary** (section 2.2.36), represented as a culture name string.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

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```
<xs:complexType name="TargetDialects">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="TargetDialect" type="CultureName"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.67 TaskPaneApp

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Specifies an **Office Add-in** that is displayed in a task pane to enhance the viewing and authoring experience.

Child Elements:

Id: A UUID element that specifies a unique identifier for the Office Add-in.

AlternateId: An AlternateId element that specifies an alternate identifier for the Office Add-in.

Version: A Version element that specifies the version of the Office Add-in.

ProviderName: A ShortString element that specifies the name of the individual or company that developed the Office Add-in.

DefaultLocale: A CultureName element that specifies the culture name of the locale used by default by strings in the Office Add-in **manifest**.

DisplayName: A ShortLocaleAwareSetting element that specifies a short name for the Office Add-in.

Description: A LongLocaleAwareSetting element that specifies a verbose description of the Office Add-in.

IconUrl: A URLLocaleAwareSetting element that specifies the **Uniform Resource Locator (URL)** of the image that is used to represent the Office Add-in.

HighResolutionIconUrl: A URLLocaleAwareSetting element that specifies the Uniform Resource Locator (URL) of the image that is used to represent the Office Add-in on high dpi screens.

SupportUrl: A URLLocaleAwareSetting element that specifies the Uniform Resource Locator (URL) of a page that provides support information for the Office Add-in.

AppDomains: An AppDomains element that specifies additional domains that this Office Add-in will use to load pages.

Hosts: A Hosts element that specifies the client applications where the Office Add-in will activate.

Requirements: A **Requirements** element (section 2.2.60) that specifies the minimum set of JavaScript API for Office requirements that the Office Add-in needs to activate.

DefaultSettings: A **TaskPaneAppSettings** element (section 2.2.68) that specifies control settings that are applied whenever this **task pane add-in** is used.

Permissions: An **ST_Permissions1** element (section 2.3.35) that specifies the subset of the APIs that are available to this task pane add-in at runtime; the application developer has permissions based on least privilege.

Dictionary: A **Dictionary** element (section 2.2.36) that specifies control settings that apply to a task pane add-in that implements additional dictionary support.

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taskpanor:VersionOverrides: A VersionOverridesV1_0 element that specifies a collection of Office client application types. Data defined in this element overrides the same data present in the parent node of this element in the manifest for Office client applications that support this extended manifest content.

ExtendedOverrides: An ExtendedOverrides element that specifies a reference to an external document with feature-specific metadata.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="TaskPaneApp">
  <xs:complexContent>
    <xs:extension base="OfficeApp">
      <xs:sequence>
        <xs:element name="Requirements" type="Requirements" minOccurs="0" maxOccurs="1"/>
        <xs:element name="DefaultSettings" type="TaskPaneAppSettings" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="Permissions" minOccurs="1" maxOccurs="1" type="ST_Permissions1"/>
        <xs:element name="Dictionary" type="Dictionary" minOccurs="0" maxOccurs="1"/>
        <xs:element ref="taskpanor:VersionOverrides" minOccurs="0" maxOccurs="1"/>
        <xs:element name="ExtendedOverrides" type="ExtendedOverrides" minOccurs="0"
maxOccurs="1"/>
        <xs:any id="TaskPaneAppSignature" minOccurs="0" maxOccurs="1"
namespace="http://www.w3.org/2000/09/xmldsig#" processContents="lax"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.68 TaskPaneAppSettings

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: TaskPaneApp

Specifies the settings applicable to a **task pane add-in**.

Child Elements:

SourceLocation: A URLLocaleAwareSetting element that specifies the list of source file locations for this task pane add-in.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="TaskPaneAppSettings">
  <xs:sequence>
    <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.69 URLLocaleAwareSetting

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

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Referenced by: ContentAppSettings, TaskPaneAppSettings, ItemReadDesktopMailAppSettings, ItemReadTabletMailAppSettings, ItemReadPhoneMailAppSettings, ItemEditMailAppSettings, OfficeApp, ContentApp, Dictionary, TaskPaneApp, MailApp

Specifies a **Uniform Resource Locator (URL)** setting that is locale-aware and that can be specified for a locale different than the default.

Child Elements:

Override: A URLLocaleOverride element that specifies the value of **URLLocaleAwareSetting** for an additional locale.

Attributes:

DefaultValue: A URL attribute that specifies the default value for this setting for the locale culture name that is specified in the **DefaultLocale** child element of **OfficeApp** (section 2.2.58).

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="URLLocaleAwareSetting">
  <xs:sequence>
    <xs:element name="Override" type="URLLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="DefaultValue" type="URL" use="required"/>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.70 URLLocaleOverride

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: URLLocaleAwareSetting

Specifies the support for multiple locales for URL strings.

Attributes:

Locale: A CultureName attribute that specifies the culture name of the locale for the override.

Value: A URL attribute that specifies the value of the setting expressed for the specified locale.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="URLLocaleOverride">
  <xs:attribute name="Locale" type="CultureName" use="required"/>
  <xs:attribute name="Value" type="URL" use="required"/>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.71 VersionedRequirement

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: Sets

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Contains a **VersionedRequirement** complex type used to specify an API set from the JavaScript API for Office that the **Office Add-in** needs to activate.

Attributes:

MinVersion: A ShortVersion attribute that specifies the minimum JavaScript API for Office library version that the specified set requires.

Name: A ShortString attribute that specifies an individual set from the JavaScript API for Office that the Office Add-in needs to activate.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="VersionedRequirement">
  <xs:attribute name="MinVersion" type="ShortVersion" use="optional"/>
  <xs:attribute name="Name" type="ShortString" use="required"/>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.72 Action

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: ShowTaskpane, ExecuteFunction, Button, MenuItem

Specifies an action to perform when a user interface extension point is invoked by the user.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Action" abstract="true"/>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.73 AppointmentAttendeeCommandSurface

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Specifies the ways the **mail add-in** exposes functionality through the user interface of an appointment item where the user is an attendee. This is the surface that is targeted to, for example, add new commands to the appointment attendee view.

Child Elements:

OfficeTab: An OfficeTab element that specifies an existing tab on the host where commands will be added.

CustomTab: A CustomTab element that specifies the creation of a brand new tab where commands will be added.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="AppointmentAttendeeCommandSurface">
  <xs:complexContent>
```


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```
    <xs:extension base="CommandSurfaceExtensionPoint"/>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.74 AppointmentOrganizerCommandSurface

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Specifies the ways the **mail add-in** exposes functionality through the user interface of an appointment item where the user is the organizer. This is the surface that is targeted to, for example, add new commands to the appointment attendee view.

Child Elements:

OfficeTab: An OfficeTab element that specifies an existing tab on the host where commands will be added.

CustomTab: A CustomTab element that specifies the creation of a brand new tab where commands will be added.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="AppointmentOrganizerCommandSurface">
  <xs:complexContent>
    <xs:extension base="CommandSurfaceExtensionPoint"/>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.75 Button

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Specifies a user interface extension point that displays as a simple button.

Child Elements:

Label: A ShortResourceReference element that specifies the label of the element.

Supertip: A Supertip element that specifies the supertooltip of the element.

Icon: An IconList element that specifies the set of icons to be used in this UI element.

Action: An Action element that specifies what happens when the button is clicked.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Button">
  <xs:complexContent>
```


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```
      <xs:extension base="UIControlWithIcon">
        <xs:sequence>
          <xs:element name="Action" type="Action" minOccurs="1" maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.76 CommandSurfaceExtensionPoint

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: MessageReadCommandSurface, MessageComposeCommandSurface, AppointmentOrganizerCommandSurface, AppointmentAttendeeCommandSurface

Specifies locations in a host's user interface where the add-in exposes functionality.

Child Elements:

OfficeTab: An OfficeTab element that specifies an existing tab on the host where commands will be added.

CustomTab: A CustomTab element that specifies the creation of a brand new tab where commands will be added.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CommandSurfaceExtensionPoint" abstract="true">
  <xs:complexContent>
    <xs:extension base="ExtensionPoint">
      <xs:sequence>
        <xs:element name="OfficeTab" type="OfficeTab" minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="CustomTab" type="CustomTab" minOccurs="0" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.77 CustomPane

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Extension point that enables the **mail add-in** to be displayed as a button in a horizontal bar on message read, appointment organizer or appointment attendee views.

Child Elements:

RequestedHeight: An ST_RequestedHeight element that specifies the desired height, in pixels, of this mail add-in when running on a desktop computer, which is a value between 32 and 450.

SourceLocation: A URLResourceReference element that specifies the id of the resource containing the URL to be displayed.

Rule: A Rule element that specifies the activation rule to be evaluated for this extension point.

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DisableEntityHighlighting: A boolean element that specifies whether entity highlighting is turned off for this mail add-in.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CustomPane">
  <xs:complexContent>
    <xs:extension base="ExtensionPoint">
      <xs:sequence>
        <xs:element name="RequestedHeight" minOccurs="0" maxOccurs="1"
type="ST_RequestedHeight"/>
        <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="1"/>
        <xs:element name="DisableEntityHighlighting" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.78 CustomTab

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: CommandSurfaceExtensionPoint, MessageReadCommandSurface, MessageComposeCommandSurface, AppointmentOrganizerCommandSurface, AppointmentAttendeeCommandSurface

Specifies a new tab in the host where the **mail add-in** commands will be added to the user interface.

Child Elements:

Group: A Group element that specifies the group that UI elements will be added to.

Label: A ShortResourceReference element that specifies the text to be displayed as the label on the tab.

Attributes:

id: A ShortString attribute that specifies the identifier of the tab to which the child groups belong. If this tab is a CustomTab element, it is the identifier of the new tab. If it is an OfficeTab, it is the identifier of the preexisting Office UI tab in which to insert content.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CustomTab">
  <xs:complexContent>
    <xs:extension base="Tab">
      <xs:sequence>
        <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1"
maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```


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See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.79 Event

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Specifies an event for which the **mail add-in** wishes to receive callbacks.

Attributes:

Type: A ShortString attribute that specifies the event type to register a callback for.

FunctionExecution: An EventFunctionExecutionType attribute that specifies the event that is being listened to.

FunctionName: A LongString attribute that specifies the name of the function to invoke.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Event">
  <xs:attribute name="Type" type="bt:ShortString" use="required"/>
  <xs:attribute name="FunctionExecution" type="EventFunctionExecutionType" use="required"/>
  <xs:attribute name="FunctionName" type="bt:LongString" use="required"/>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.80 ExecuteFunction

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Specifies a function to execute when a user interface extension point is invoked by the user.

Child Elements:

FunctionName: A LongString element that specifies the name of the function to call. This name MUST match a globally defined function name on the FunctionFile referenced on section 2.2.82.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ExecuteFunction">
  <xs:complexContent>
    <xs:extension base="Action">
      <xs:sequence>
        <xs:element name="FunctionName" type="bt:LongString" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.81 ExtensionPoint

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

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Referenced by: CommandSurfaceExtensionPoint, CustomPane, FormFactor

Specifies a location in a host where the **mail add-in** exposes functionality that can be extended.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ExtensionPoint" abstract="true"/>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.82 FormFactor

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: MailHost

Specifies the list of settings for the **mail add-in** when activated on a given form factor of the host.

Child Elements:

FunctionFile: A URLResourceReference element that specifies the source code file for the add-in, containing functions it exposes via its extension points, to use when loaded in this form factor.

ExtensionPoint: An ExtensionPoint element that specifies the portion of the host where the mail add-in registers itself to perform operations.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="FormFactor">
  <xs:sequence>
    <xs:element name="FunctionFile" type="bt:URLResourceReference" minOccurs="0"
maxOccurs="1"/>
    <xs:element name="ExtensionPoint" type="ExtensionPoint" minOccurs="1"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.83 Group

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: Tab, OfficeTab, CustomTab

Specifies a grouping of user interface elements.

Child Elements:

Label: A ShortResourceReference element that specifies the label of the group.

Control: A UIControl element that specifies controls to be grouped inside this element.

Attributes:

id: A ShortString attribute that specifies a unique identifier for the group.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Group">
  <xs:sequence>
    <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Control" type="UIControl" minOccurs="1" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="id" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.84 Host

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: MailHost, Hosts

Generic type for specifying Host node types under the Hosts element list.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Host" abstract="true"/>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.85 Hosts

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: VersionOverridesV1_0

Specifies the collections of hosts that the add-in is extending.

Child Elements:

Host: A Host element that specifies the Office client application that the add-in is extending.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Hosts">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="Host" type="Host"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.86 IconList

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

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Referenced by: UIControlWithIcon, UIControlWithOptionalIcon, Button, MenuItem, Menu, UIControlWithIcon, UIControlWithOptionalIcon, Button, MenuItem, Menu, UIControlWithIcon, UIControlWithOptionalIcon, Button, MenuItem, Menu, Group

Specifies a set of icons for a control.

Child Elements:

Image: An ImageResourceReference element that specifies the id of the resource that contains the image to be displayed.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="IconList">
  <xs:sequence>
    <xs:element name="Image" type="ImageResourceReference" minOccurs="1"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.87 ImageLocaleAwareSettingWithId

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: ImageResources

Defines an image resource that is locale-aware and that can be specified for a locale different than the default, and also has an identifier associated with it to uniquely identify it relative to other resources.

Child Elements:

Override: A URLLocaleOverride element that specifies the value of this setting for an additional locale, other than the default.

Attributes:

id: An ImageReferenceId attribute that specifies a unique identifier for this setting that can be referenced from other locations to refer back to this element.

DefaultValue: A URL attribute that specifies the location of the image.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ImageLocaleAwareSettingWithId">
  <xs:sequence>
    <xs:element name="Override" type="URLLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="id" type="ImageReferenceId" use="required"/>
  <xs:attribute name="DefaultValue" type="URL" use="required"/>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.88 ImageResourceReference

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: IconList

Specifies a reference to an image resource defined under the Resources element of the manifest.

Attributes:

size: An integer attribute that specifies the dimension of the image resource. Mandatory values are 16, 32, and 80. Currently supported optional values are 20, 24, 40, 48, and 64.

resid: A ReferenceId attribute that specifies the identifier of the resource.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ImageResourceReference">
  <xs:complexContent>
    <xs:extension base="ResourceReference">
      <xs:attribute name="size" type="xs:integer" use="required"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.89 ImageResources

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: Resources

Specifies a collection of image resources.

Child Elements:

Image: An ImageLocaleAwareSettingWithId element that specifies an image URL resource along with a unique identifier that can be used to refer to the resource from elsewhere in the **Office Add-in** manifest.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ImageResources">
  <xs:sequence>
    <xs:element name="Image" type="ImageLocaleAwareSettingWithId" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.90 ItemHasAttachment

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Defines a rule that evaluates to true if the item contains an attachment.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemHasAttachment">
  <xs:complexContent>
    <xs:extension base="Rule"/>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.91 ItemHasKnownEntity

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Defines a rule that evaluates to true if the item contains text of the specified entity type in its subject or body.

Attributes:

EntityType: A ShortString attribute that specifies the type of entity that MUST be found for the rule to evaluate to true. Currently supported values are: "MeetingSuggestion", "TaskSuggestion", "Address", "Url", "PhoneNumber", "EmailAddress", and "Contact".

RegExFilter: A NonEmptyString attribute that specifies a regular expression to run against this entity for activation.

FilterName: A NonEmptyString attribute that specifies the name of the regular expression filter, so that it is subsequently possible to refer to it by code.

IgnoreCase: A boolean attribute that specifies to ignore case when running the regular expression specified by the "RegExFilter" attribute.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemHasKnownEntity">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:attribute name="EntityType" type="bt:ShortString" use="required"/>
      <xs:attribute name="RegExFilter" type="bt:NonEmptyString" use="optional"/>
      <xs:attribute name="FilterName" type="bt:NonEmptyString" use="optional"/>
      <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.92 ItemHasRegularExpressionMatch

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Defines a rule that evaluates to true if a match for the specified regular expression can be found in the specified property of the item.

Attributes:

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RegExName: A NonEmptyString attribute that specifies the name of the regular expression, so that it is subsequently possible to refer to it by code.

RegExValue: A NonEmptyString attribute that specifies the regular expression to match.

PropertyName: A PropertyName attribute that specifies the name of the property in which to look for matches.

IgnoreCase: A boolean attribute that specifies to ignore the case when executing the regular expression.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemHasRegularExpressionMatch">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:attribute name="RegExName" type="bt:NonEmptyString" use="required"/>
      <xs:attribute name="RegExValue" type="bt:NonEmptyString" use="required"/>
      <xs:attribute name="PropertyName" type="PropertyName" use="required"/>
      <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.93 ItemIs

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Defines a rule that evaluates to true if the selected item is of the specified type.

Attributes:

ItemType: A NonEmptyString attribute that specifies the item type to match. Currently supported values are: "Message", "AppointmentOrganizer", and "AppointmentAttendee".

ItemClass: A NonEmptyString attribute that specifies the item message class to match.

IncludeSubClasses: A boolean attribute that specifies whether the rule evaluates to true if the item is of a subclass of the specified message class; the default is false.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemIs">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:attribute name="ItemType" type="bt:NonEmptyString" use="required"/>
      <xs:attribute name="ItemClass" type="bt:NonEmptyString" use="optional"/>
      <xs:attribute name="IncludeSubClasses" type="xs:boolean" use="optional"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.94 LongLocaleAwareSettingWithId

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: LongStringResources

Defines a long string resource that is locale-aware and that can be specified for a locale different than the default, and also has an identifier associated with it to uniquely identify it relative to other resources.

Child Elements:

Override: A LongLocaleOverride element that specifies the value of this setting for an additional locale.

Attributes:

id: A LongReferenceId attribute that specifies a unique identifier for this setting that can be referenced from other locations to refer back to this element.

DefaultValue: A LongString attribute that specifies the default value for this setting.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LongLocaleAwareSettingWithId">
  <xs:sequence>
    <xs:element name="Override" type="LongLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="id" type="LongReferenceId" use="required"/>
  <xs:attribute name="DefaultValue" type="LongString" use="required"/>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.95 LongLocaleOverride

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: LongLocaleAwareSettingWithId

Defines the support for multiple locales for long strings.

Attributes:

Locale: A CultureName attribute that specifies the culture name of the locale for this override.

Value: A LongString attribute that specifies the value of the setting the specified locale.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LongLocaleOverride">
  <xs:attribute name="Locale" type="CultureName" use="required"/>
  <xs:attribute name="Value" type="LongString" use="required"/>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.96 LongResourceReference

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: Supertip, CT_PreProcessingDialog, VersionOverridesV1_1, Supertip, VersionOverridesV1_0, Supertip, GetStarted, VersionOverridesV1_0

Specifies a reference to a longform string resource defined under the Resources element of the manifest.

Attributes:

resid: A ReferenceId attribute that specifies the identifier of the resource.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LongResourceReference">
  <xs:complexContent>
    <xs:extension base="ResourceReference"/>
  </xs:complexContent>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.97 LongStringResources

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: Resources

Specifies a collection of long string resources for the add-in.

Child Elements:

String: A LongLocaleAwareSettingWithId element that specifies a long form string resource for the **Office Add-in** along with a unique identifier that can be used to refer to the resource from elsewhere in the Office Add-in manifest.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LongStringResources">
  <xs:sequence>
    <xs:element name="String" type="LongLocaleAwareSettingWithId" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.98 MailHost

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Defines how a **mail add-in** integrates with its host including its supported form factors, and settings for each.

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Child Elements:

DesktopFormFactor: A FormFactor element that specifies the settings of the mail add-in when running in a desktop version of the host.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MailHost">
  <xs:complexContent>
    <xs:extension base="Host">
      <xs:sequence>
        <xs:element name="DesktopFormFactor" type="FormFactor" minOccurs="0" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.99 Menu

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Specifies a user interface extension point that displays as a menu of actions.

Child Elements:

Label: A ShortResourceReference element that specifies the label of the element.

Supertip: A Supertip element that specifies the supertooltip of the element.

Icon: An IconList element that specifies the set of icons to be used in this UI element.

Items: A MenuItems element that specifies the items to be displayed on this menu.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Menu">
  <xs:complexContent>
    <xs:extension base="UIControlWithIcon">
      <xs:sequence>
        <xs:element name="Items" type="MenuItems" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.100 MenuItem

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: MenuItems

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Specifies a user interface extension point that displays as an item in a menu control.

Child Elements:

Label: A ShortResourceReference element that specifies the label of the element.

Supertip: A Supertip element that specifies the supertooltip of the element.

Icon: An IconList element that specifies the list of icons to be used in this UI element.

Action: An Action element that specifies what happens when the item is triggered by the user.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MenuItem">
  <xs:complexContent>
    <xs:extension base="UIControlWithOptionalIcon">
      <xs:sequence>
        <xs:element name="Action" type="Action" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.101 MenuItems

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: Menu

Specifies a list of menu actions.

Child Elements:

Item: A MenuItem element that specifies a user interface element for this menu.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MenuItems">
  <xs:sequence>
    <xs:element name="Item" type="MenuItem" minOccurs="1" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.102 MessageComposeCommandSurface

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

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Specifies the ways the **mail add-in** exposes functionality through the user interface of a mail item's compose view.

Child Elements:

OfficeTab: An OfficeTab element that specifies an existing tab on the host where commands will be added.

CustomTab: A CustomTab element that specifies the creation of a brand new tab where commands will be added.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MessageComposeCommandSurface">
  <xs:complexContent>
    <xs:extension base="CommandSurfaceExtensionPoint"/>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.103 MessageReadCommandSurface

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Specifies the ways the **mail add-in** exposes functionality through the user interface of a mail item's reading view.

Child Elements:

OfficeTab: An OfficeTab element that specifies an existing tab on the host where commands will be added.

CustomTab: A CustomTab element that specifies the creation of a brand new tab where commands will be added.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MessageReadCommandSurface">
  <xs:complexContent>
    <xs:extension base="CommandSurfaceExtensionPoint"/>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.104 Methods

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Specifies the list of required API methods of the Office.js API that the add-in requires in order to activate. The default version is inherited by child elements unless overridden in the given child element.

Child Elements:

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Method: A VersionedRequirement element that specifies the version of the requirement.

Attributes:

DefaultMinVersion: A ShortVersion attribute that specifies short version of the requirement.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Methods">
  <xs:sequence>
    <xs:element name="Method" type="VersionedRequirement" minOccurs="1"
maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="DefaultMinVersion" type="ShortVersion" default="1.1"/>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.105 OfficeTab

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: CommandSurfaceExtensionPoint, MessageReadCommandSurface, MessageComposeCommandSurface, AppointmentOrganizerCommandSurface, AppointmentAttendeeCommandSurface

Specifies an extension to a pre-existing tab in the host where an **Office Add-in** will customize the user interface. Currently supported Tab id values for this element are "TabDefault".

Child Elements:

Group: A Group element that specifies the group that UI elements will be added to.

Attributes:

id: A ShortString attribute that specifies the identifier of the tab to which the child groups belong. If this tab is a CustomTab element, it is the identifier of the new tab. If it is an OfficeTab, it is the identifier of the preexisting Office UI tab in which to insert content.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="OfficeTab">
  <xs:complexContent>
    <xs:extension base="Tab"/>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.106 Requirements

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: VersionOverridesV1_1, VersionOverridesV1_0, VersionOverridesV1_0

Specifies the minimum named subsets of the Office.js API that the add-in requires in order to activate.

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Child Elements:

Sets: A Sets element that specifies the groups of APIs needed to activate the add-in.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Requirements">
  <xs:sequence>
    <xs:element name="Sets" type="Sets" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.107 ResourceReference

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: ImageResourceReference, MobileImageResourceReference, URLResourceReference, ShortResourceReference, LongResourceReference

Specifies a reference to a resource defined under the Resources element of the manifest.

Attributes:

resid: A ReferenceId attribute that specifies the identifier of the resource.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ResourceReference" abstract="true">
  <xs:attribute name="resid" type="ReferenceId" use="required"/>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.108 Resources

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: VersionOverridesV1_1, VersionOverridesV1_0, VersionOverridesV1_0

Defines a collection of resources referenced by other elements of the manifest where resource references are supported.

Child Elements:

Images: An ImageResources element that specifies a collection of image resources for the add-in.

Urls: A URLResources element that specifies a collection of URL string resources for the add-in.

ShortStrings: A ShortStringResources element that specifies a collection of shortform string resources for the add-in.

LongStrings: A LongStringResources element that specifies a collection of longform string resources for the add-in.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Resources">
  <xs:sequence>
    <xs:element name="Images" type="ImageResources" minOccurs="0" maxOccurs="1"/>
    <xs:element name="Urls" type="URLResources" minOccurs="0" maxOccurs="1"/>
    <xs:element name="ShortStrings" type="ShortStringResources" minOccurs="0" maxOccurs="1"/>
    <xs:element name="LongStrings" type="LongStringResources" minOccurs="0" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.109 RuleCollection

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Defines a collection of rules and the logical operator to use when evaluating them.

Child Elements:

Rule: A Rule element that specifies the list of rules that this collection contains.

Attributes:

Mode: A LogicalOperator attribute that specifies the logical operator to use when evaluating this rule collection.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="RuleCollection">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:sequence>
        <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="unbounded"/>
      </xs:sequence>
      <xs:attribute name="Mode" type="LogicalOperator" use="required"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.110 Rule

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: ItemIs, ItemHasKnownEntity, ItemHasRegularExpressionMatch, ItemHasAttachment, RuleCollection, CustomPane

An abstract type that specifies the conditions for the host application to activate this **mail add-in**.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Rule" abstract="true"/>
```


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See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.111 Sets

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: Requirements

Specifies the list of required API sets of the Office.js API that the add-in requires in order to activate. The default version is inherited by child elements unless overridden in the given child element.

Child Elements:

Set: A VersionedRequirement element that specifies a collection of required APIs to activate the add-in.

Attributes:

DefaultMinVersion: A ShortVersion attribute that specifies the minimum version of the APIs to activate the add-in.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Sets">
  <xs:sequence>
    <xs:element name="Set" type="VersionedRequirement" minOccurs="1" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="DefaultMinVersion" type="ShortVersion" default="1.1"/>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.112 ShortLocaleAwareSettingWithId

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: ShortStringResources

Defines a short string resource that is locale-aware and that can be specified for a locale different than the default, and also has an identifier associated with it to uniquely identify it relative to other resources.

Child Elements:

Override: A ShortLocaleOverride element that specifies the value of this setting for an additional locale.

Attributes:

id: A ShortReferenceId attribute that specifies a unique identifier for this setting that can be referenced from other locations to refer back to this element.

DefaultValue: A ShortString attribute that specifies the default value for this setting, expressed for the locale specified in the **DefaultLocale** child element of **OfficeApp** (section 2.2.58).

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

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```
<xs:complexType name="ShortLocaleAwareSettingWithId">
  <xs:sequence>
    <xs:element name="Override" type="ShortLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="id" type="ShortReferenceId" use="required"/>
  <xs:attribute name="DefaultValue" type="ShortString" use="required"/>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.113 ShortLocaleOverride

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: ShortLocaleAwareSettingWithId

Defines the support for multiple locales for short strings.

Attributes:

Locale: A CultureName attribute that specifies the culture name of the locale for this override.

Value: A ShortString attribute that specifies value of the setting expressed for the specified locale.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ShortLocaleOverride">
  <xs:attribute name="Locale" type="CultureName" use="required"/>
  <xs:attribute name="Value" type="ShortString" use="required"/>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.114 ShortResourceReference

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: Supertip, UIControl, MobileUIControl, UIControlWithIcon, MobileUIControlWithIcon, UIControlWithOptionalIcon, Button, MobileButton, MenuItem, Menu, Group, CustomTab, MobileGroup, Module, DetectedEntity, CT_ReportingOptions, CT_MoreInfo, CT_PreProcessingDialog, Supertip, UIControl, UIControlWithIcon, UIControlWithOptionalIcon, Button, MenuItem, Menu, Group, CustomTab, ShowTaskpane, Supertip, UIControl, UIControlWithIcon, UIControlWithOptionalIcon, Button, MenuItem, Menu, Group, CustomTab, CustomFunctions, GetStarted

Specifies a reference to a shortform string resource defined under the Resources element of the manifest.

Attributes:

resid: A ReferenceId attribute that specifies the identifier of the resource.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ShortResourceReference">
  <xs:complexContent>
```


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```
      <xs:extension base="ResourceReference"/>
    </xs:complexContent>
  </xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.115 ShortStringResources

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: Resources

Specifies a collection of short string resources for the add-in.

Child Elements:

String: A ShortLocaleAwareSettingWithId element that specifies a shortform string resource for the add-in along with a unique identifier that can be used to refer to the resource from elsewhere in the manifest.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ShortStringResources">
  <xs:sequence>
    <xs:element name="String" type="ShortLocaleAwareSettingWithId" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.116 ShowTaskpane

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Specifies an action that displays a URL when a user interface extension point is invoked by the user.

Child Elements:

SourceLocation: A URLResourceReference element that specifies the URL of the page to display

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ShowTaskpane">
  <xs:complexContent>
    <xs:extension base="Action">
      <xs:sequence>
        <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.117 Supertip

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: UIControl, UIControlWithIcon, UIControlWithOptionalIcon, Button, MenuItem, Menu

Specifies the informative text, called super tip, for this control.

Child Elements:

Title: A ShortResourceReference element that specifies the title of the super tip.

Description: A LongResourceReference element that specifies the description of the super tip, usually displayed on the body of the tip.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Supertip">
  <xs:sequence>
    <xs:element name="Title" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Description" type="bt:LongResourceReference" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.118 Tab

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: OfficeTab, CustomTab

Specifies a tab in the host where an add-in will customize the user interface.

Child Elements:

Group: A Group element that specifies the group that UI elements will be added to.

Attributes:

id: A ShortString attribute that specifies the identifier of the tab to which the child groups belong. If this tab is a CustomTab element, it is the identifier of the new tab. If it is an OfficeTab, it is the identifier of the preexisting Office UI tab in which to insert content.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Tab" abstract="true">
  <xs:sequence>
    <xs:element name="Group" type="Group" minOccurs="1" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="id" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.119 UIControl

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: UIControlWithIcon, UIControlWithOptionalIcon, Group

Specifies a user interface extension point of various kinds.

Child Elements:

Label: A ShortResourceReference element that specifies the label of the element.

Supertip: A Supertip element that specifies the supertooltip of the element.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="UIControl" abstract="true">
  <xs:sequence>
    <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Supertip" type="Supertip" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
  <xs:attribute name="id" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.120 UIControlWithIcon

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: Button, Menu

Specifies a user interface extension point of various kinds that contain an icon.

Child Elements:

Label: A ShortResourceReference element that specifies the label of the element.

Supertip: A Supertip element that specifies the supertooltip of the element.

Icon: An IconList element that specifies the set of icons to be used in this UI element.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="UIControlWithIcon" abstract="true">
  <xs:complexContent>
    <xs:extension base="UIControl">
      <xs:sequence>
        <xs:element name="Icon" type="bt:IconList" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
```


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```
    </xs:complexContent>
  </xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.121 UIControlWithOptionalIcon

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: MenuItem

Specifies a user interface extension point of various kinds that contains an optional icon.

Child Elements:

Label: A ShortResourceReference element that specifies the label of the element.

Supertip: A Supertip element that specifies the supertooltip of the element.

Icon: An IconList element that specifies the list of icons to be used in this UI element.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="UIControlWithOptionalIcon" abstract="true">
  <xs:complexContent>
    <xs:extension base="UIControl">
      <xs:sequence>
        <xs:element name="Icon" type="bt:IconList" minOccurs="0" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.122 URLLocaleAwareSettingWithId

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: URLResources

Defines a URL resource that is locale-aware and that can be specified for a locale different than the default, and also has an identifier associated with it to uniquely identify it relative to other resources.

Child Elements:

Override: A URLLocaleOverride element that specifies a way to provide the value of this setting for an additional locale.

Attributes:

id: A URLReferenceId attribute that specifies specifies a unique identifier for this setting that can be referenced from other locations to refer back to this element.

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DefaultValue: A URL attribute that specifies the default value for this setting, expressed for the locale specified in the **DefaultLocale** child element of **OfficeApp** (section 2.2.58).

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="URLLocaleAwareSettingWithId">
  <xs:sequence>
    <xs:element name="Override" type="URLLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="id" type="URLReferenceId" use="required"/>
  <xs:attribute name="DefaultValue" type="URL" use="required"/>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.123 URLLocaleOverride

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: ImageLocaleAwareSettingWithId, URLLocaleAwareSettingWithId

Defines the support for multiple locales for URL strings.

Attributes:

Locale: A CultureName attribute that specifies the culture name of the locale for this override.

Value: A URL attribute that specifies value of the setting expressed for the specified locale.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="URLLocaleOverride">
  <xs:attribute name="Locale" type="CultureName" use="required"/>
  <xs:attribute name="Value" type="URL" use="required"/>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.124 URLResourceReference

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: ShowTaskpane, CustomPane, Module, DetectedEntity, CT_MoreInfo, ReportPhishingCustomization, LaunchEvent, FormFactorWithSupportsSharedFolders, FormFactor, ShowTaskpane, CustomPane, FormFactor, ShowTaskpane, Script, Page, Metadata, LaunchEvent, GetStarted, FormFactor

Specifies a reference to a URL resource defined under the Resources element of the manifest.

Attributes:

resid: A ReferenceId attribute that specifies the identifier of the resource.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

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```
<xs:complexType name="URLResourceReference">
  <xs:complexContent>
    <xs:extension base="ResourceReference"/>
  </xs:complexContent>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.125 URLResources

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: Resources

Specifies a collection of string resources for the add-in.

Child Elements:

Url: A URLLocaleAwareSettingWithId element that specifies a URL resource for the add-in along with a unique identifier that can be used to refer to the resource from elsewhere in the manifest.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="URLResources">
  <xs:sequence>
    <xs:element name="Url" type="URLLocaleAwareSettingWithId" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.126 VersionedRequirement

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: Sets, Methods

Specifies a required functionality set and version.

Attributes:

MinVersion: A ShortVersion attribute that specifies the minimum version for this versioned requirement.

Name: A ShortString attribute that specifies the name of the versioned requirement.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="VersionedRequirement">
  <xs:attribute name="MinVersion" type="ShortVersion" use="optional"/>
  <xs:attribute name="Name" type="ShortString" use="required"/>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.127 VersionOverridesV1_0

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: VersionOverrides, MailApp

Contains elements for the version 1.0 overrides of the mail add-in manifest.

Child Elements:

Description: A LongResourceReference element that specifies a more verbose description of the add-in. If present this value overrides the Description element in any parent portion of the manifest**.**

Requirements: A Requirements element that specifies the minimum set of Office.js requirements that the add-in needs to activate.

Hosts: A Hosts element that specifies a collection of host types and their settings. Overrides the Hosts element in any parent portion of the manifest.

Resources: A Resources element that specifies a collection of resources referenced by other elements of the manifest where resource references are supported.

mailor1_1:VersionOverrides: A VersionOverridesV1_1 element that specifies a collection of host types and their settings. Data defined in this element overrides or supplements the same data present in any parent portion of this manifest for hosts that support this extended manifest content.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="VersionOverridesV1_0">
  <xs:sequence>
    <xs:element name="Description" type="bt:LongResourceReference" minOccurs="0"
maxOccurs="1"/>
    <xs:element name="Requirements" type="bt:Requirements" minOccurs="0" maxOccurs="1"/>
    <xs:element name="Hosts" type="Hosts" minOccurs="0" maxOccurs="1"/>
    <xs:element name="Resources" type="bt:Resources" minOccurs="0" maxOccurs="1"/>
    <xs:element ref="mailor1_1:VersionOverrides" minOccurs="0" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.128 Action

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: ShowTaskpane, ExecuteFunction, Button, MobileButton, MenuItem

Specifies an action to perform when a user interface extension point is invoked by the user.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Action" abstract="true"/>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.129 Action

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: ShowTaskpane, ExecuteFunction, Button, MenuItem

Specifies an action to perform when a user interface extension point is invoked by the user.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Action" abstract="true"/>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.130 AppointmentAttendeeCommandSurface

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Specifies the ways the **mail add-in** exposes functionality through the user interface of an appointment item where the user is an attendee.

Child Elements:

OfficeTab: An OfficeTab element that specifies an existing Office Tab where commands will appear.

CustomTab: A CustomTab element that specifies the tab where commands will appear.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="AppointmentAttendeeCommandSurface">
  <xs:complexContent>
    <xs:extension base="CommandSurfaceExtensionPoint"/>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.131 AppointmentOrganizerCommandSurface

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Specifies the ways the **mail add-in** exposes functionality through the user interface of an appointment item where the user is the organizer.

Child Elements:

OfficeTab: An OfficeTab element that specifies an existing Office Tab where commands will appear.

CustomTab: A CustomTab element that specifies the tab where commands will appear.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="AppointmentOrganizerCommandSurface">
  <xs:complexContent>
    <xs:extension base="CommandSurfaceExtensionPoint"/>
```


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```
    </xs:complexContent>
  </xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.132 Button

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Specifies a user interface extension point that displays as a standard button.

Child Elements:

OverriddenByRibbonApi: A boolean element that when set to TRUE specifies whether the UIControl will be excluded from the CustomTab when custom contextual tabs API is supported by the application. The value MUST be ignored by applications that do not support custom contextual tabs API.

Label: A ShortResourceReference element that specifies the label of the control.

Supertip: A Supertip element that specifies the tooltip of the control.

Icon: An IconList element that specifies element that specifies the set of icons to display with this control.

Action: An Action element that specifies the action to perform when the button is triggered.

Enabled: A boolean element that specifies the initial enabled/disabled state of the control. By default, the control state is enabled.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
  <xs:complexType name="Button">
    <xs:complexContent>
      <xs:extension base="UIControlWithIcon">
        <xs:sequence>
          <xs:element name="Action" type="Action" minOccurs="1" maxOccurs="1"/>
          <xs:element name="Enabled" type="xs:boolean" minOccurs="0" maxOccurs="1"
default="true"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.133 Button

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: ReportPhishingCustomization

Specifies a user interface extension point that displays as a standard button.

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Child Elements:

Label: A ShortResourceReference element that specifies the label of the control.

Supertip: A Supertip element that specifies the tooltip of the control.

Icon: An IconList element that specifies the set of icons to display with this control.

Action: An Action element that specifies the action to be performed when the button is triggered.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Button">
  <xs:complexContent>
    <xs:extension base="UIControlWithIcon">
      <xs:sequence>
        <xs:element name="Action" type="Action" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.134 CommandSurface

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: Module

Specifies the ways the **Office Add-in** exposes functionality through the user interface of a Module Extension Point.

Child Elements:

CustomTab: A CustomTab element that specifies the surface where commands will appear.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CommandSurface">
  <xs:sequence>
    <xs:element name="CustomTab" type="CustomTab" minOccurs="1" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.135 CommandSurfaceExtensionPoint

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: MessageReadCommandSurface, MessageComposeCommandSurface, AppointmentOrganizerCommandSurface, AppointmentAttendeeCommandSurface

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Specifies locations in a host's user interface where the **mail add-in** exposes functionality.

Child Elements:

OfficeTab: An OfficeTab element that specifies an existing Office Tab where commands will appear.

CustomTab: A CustomTab element that specifies the tab where commands will appear.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CommandSurfaceExtensionPoint" abstract="true">
  <xs:complexContent>
    <xs:extension base="ExtensionPoint">
      <xs:sequence>
        <xs:element name="OfficeTab" type="OfficeTab" minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="CustomTab" type="CustomTab" minOccurs="0" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.136 CommandSurfaceExtensionPoint

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: PrimaryCommandSurface

Specifies location in an Office client application's user interface where the **Office Add-in** exposes functionality.

Child Elements:

OfficeTab: An OfficeTab element that specifies an existing Office tab where commands will appear.

CustomTab: A CustomTab element that specifies the tab where commands will appear.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CommandSurfaceExtensionPoint" abstract="true">
  <xs:complexContent>
    <xs:extension base="ExtensionPoint">
      <xs:sequence>
        <xs:element name="OfficeTab" type="OfficeTab" minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="CustomTab" type="CustomTab" minOccurs="0" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.137 ContextMenu

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

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Specifies the ways this **Office Add-in** exposes functionality through the context menus of the Office client application.

Child Elements:

OfficeMenu: An OfficeMenu element that specifies the context menu the command will appear on.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ContextMenu">
  <xs:complexContent>
    <xs:extension base="ExtensionPoint">
      <xs:sequence>
        <xs:element name="OfficeMenu" type="OfficeMenu" minOccurs="1" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.138 CustomPane

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Displays a tab in the add-in bar that can appear in message read or appointment attendee views via declaration of rules.

Child Elements:

RequestedHeight: An ST_RequestedHeight element that specifies the desired height, in pixels, of this **mail add-in** pane when running on a desktop computer, which is a value between 32 and 450.

SourceLocation: A URLResourceReference element that specifies the URL to load on the pane.

Rule: A Rule element that specifies the activation rule to be evaluated for this extension point.

DisableEntityHighlighting: A boolean element that specifies whether entity highlighting is turned off for this mail add-in.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CustomPane">
  <xs:complexContent>
    <xs:extension base="ExtensionPoint">
      <xs:sequence>
        <xs:element name="RequestedHeight" minOccurs="0" maxOccurs="1"
type="ST_RequestedHeight"/>
        <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="1"/>
        <xs:element name="DisableEntityHighlighting" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.139 CustomTab

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: CommandSurfaceExtensionPoint, PrimaryCommandSurface

Specifies an **Office Add-in** defined tab in the Office client application where this Office Add-in will customize the user interface.

Child Elements:

Group: A Group element that specifies a specific group of user interface extension points in a tab in the Office client application.

OfficeGroup: An OfficeGroup element that specifies a built-in Office group in tabs using published control ID.

Label: A ShortResourceReference element that specifies the label of the custom tab.

InsertBefore: A ShortString element that specifies the published id of a built-in Office tab. The custom tab will be inserted before the specified tab.

InsertAfter: A ShortString element that specifies the published id of an Office tab. The custom tab will be inserted after the specified tab.

Attributes:

id: A ShortString attribute that specifies the identifier of the tab to which the child groups belong. If this tab is a CustomTab element, it is the identifier of the new tab. If it is an OfficeTab, it is the identifier of the preexisting Office UI tab in which to insert content.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CustomTab">
  <xs:complexContent>
    <xs:extension base="Tab">
      <xs:sequence>
        <xs:choice minOccurs="1" maxOccurs="unbounded">
          <xs:element name="Group" type="Group"/>
          <xs:element name="OfficeGroup" type="OfficeGroup"/>
        </xs:choice>
        <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1"
maxOccurs="1"/>
        <xs:choice minOccurs="0" maxOccurs="1">
          <xs:element name="InsertBefore" type="bt:ShortString"/>
          <xs:element name="InsertAfter" type="bt:ShortString"/>
        </xs:choice>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.140 CustomTab

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

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Referenced by: CommandSurfaceExtensionPoint, MessageReadCommandSurface, MessageComposeCommandSurface, AppointmentOrganizerCommandSurface, AppointmentAttendeeCommandSurface, CommandSurface

Specifies an **Office Add-in** defined tab in the host where an Office Add-in will customize the user interface.

Child Elements:

Group: A Group element that specifies how commands are bundled and displayed together.

Label: A ShortResourceReference element that specifies the label of the tab.

Attributes:

id: A ShortString attribute that specifies the identifier of the tab to which the child groups belong. If this tab is a CustomTab element, it is the identifier of the new tab. If it is an OfficeTab, it is the identifier of the preexisting Office UI tab in which to insert content.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CustomTab">
  <xs:complexContent>
    <xs:extension base="Tab">
      <xs:sequence>
        <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1"
maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.141 Document

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Defines Word extension points.

Child Elements:

Runtimes: A Runtimes element that specifies the list of runtimes of an **Office Add-in**.

AllFormFactors: An AllFormFactors element that specifies the settings for an add-in for all form factors.

DesktopFormFactor: A FormFactor element that specifies the settings of the Office Add-in when running in a desktop version of Word.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Document">
  <xs:complexContent>
    <xs:extension base="Host">
      <xs:sequence>
        <xs:element name="DesktopFormFactor" type="FormFactor" minOccurs="0" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
```


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```
    </xs:complexContent>
  </xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.142 Event

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: Events

Specifies an event for which the **Office Add-in** wishes to receive callbacks.

Attributes:

Type: A ShortString attribute that specifies the event type to register a callback for. The event type MessageSend is not valid for Office Marketplace apps, but can be used in apps provided through alternate app catalogs such as an administrator managed Exchange App Catalog.

FunctionExecution: An EventFunctionExecutionType attribute that specifies the function execution mode when an event is triggered.

FunctionName: A LongString attribute that specifies the name of the function to call.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Event">
  <xs:attribute name="Type" type="bt:ShortString" use="required"/>
  <xs:attribute name="FunctionExecution" type="EventFunctionExecutionType" use="required"/>
  <xs:attribute name="FunctionName" type="bt:LongString" use="required"/>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.143 ExecuteFunction

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Specifies a callback to execute when a user interface extension point is invoked by the user.

Child Elements:

FunctionName: A LongString element that specifies the name of the function to call.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ExecuteFunction">
  <xs:complexContent>
    <xs:extension base="Action">
      <xs:sequence>
        <xs:element name="FunctionName" type="bt:LongString" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```


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See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.144 ExecuteFunction

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Specifies a callback to execute when a user interface extension point is invoked by the user.

Child Elements:

FunctionName: A LongString element that specifies the name of the function to call.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ExecuteFunction">
  <xs:complexContent>
    <xs:extension base="Action">
      <xs:sequence>
        <xs:element name="FunctionName" type="bt:LongString" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.145 ExtensionPoint

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: Events, CommandSurfaceExtensionPoint, MobileCommandSurfaceExtensionPoint, MobileOnlineMeetingCommandSurface, CustomPane, Module, DetectedEntity, ReportPhishingCommandSurface, LaunchEvent, FormFactorWithSupportsSharedFolders, FormFactor

Specifies a location in a host where the **Office Add-in** exposes functionality.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ExtensionPoint" abstract="true"/>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.146 ExtensionPoint

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: CommandSurfaceExtensionPoint, ContextMenu, CustomFunctions, LaunchEvent, FormFactor

Specifies a location in the Office client application where the **Office Add-in** exposes functionality.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

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```
<xs:complexType name="ExtensionPoint" abstract="true"/>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.147 FormFactor

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: Workbook, Document, Notebook, Presentation

Specifies the list of settings for the **Office Add-in** when activated for a given form factor of the Office client application.

Child Elements:

GetStarted: A GetStarted element that specifies the Get Started information for the Office Add-in. This information is used at various places on the Office User Interface after a user installs an add-in.

FunctionFile: A URLResourceReference element that specifies the source code file for the Office Add-in, containing operations it exposes via its extension points, to use when loaded in this form factor.

ExtensionPoint: An ExtensionPoint element that specifies a location in an Office client application where the Office Add-in registers itself to perform operations.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="FormFactor">
  <xs:sequence>
    <xs:element name="GetStarted" type="GetStarted" minOccurs="0" maxOccurs="1"/>
    <xs:element name="FunctionFile" type="bt:URLResourceReference" minOccurs="0"
maxOccurs="1"/>
    <xs:element name="ExtensionPoint" type="ExtensionPoint" minOccurs="1"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.148 FormFactor

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: MailHost

Specifies the list of settings for the **mail add-in** when activated for a given form factor of the host.

Child Elements:

FunctionFile: A URLResourceReference element that specifies the source code file for the app, containing operations it exposes via its extension points, to use when loaded in this form factor.

ExtensionPoint: An ExtensionPoint element that specifies a location in the host where the app registers itself to perform operations.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

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```
<xs:complexType name="FormFactor">
  <xs:group ref="FormFactorElementGroup"/>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.149 Group

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: OfficeTab, CustomTab

Specifies a specific group of user interface extension points in a tab in the Office client application.

Child Elements:

OverriddenByRibbonApi: A boolean element that when set to TRUE specifies whether the UIControl will be excluded from the CustomTab when custom contextual tabs API is supported by the host application. The value MUST be ignored by applications that do not support custom contextual tabs API.

Label: A ShortResourceReference element that specifies the label of the group.

Icon: An IconList element that specifies the icon set for the group.

Control: An UIControl element that specifies the control of the group.

OfficeControl: An OfficeControl element that specifies a built-in Office control in tabs using published control ID.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this group within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Group">
  <xs:sequence>
    <xs:element name="OverriddenByRibbonApi" type="xs:boolean" minOccurs="0" maxOccurs="1"
default="false"/>
    <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Icon" type="bt:IconList" minOccurs="1" maxOccurs="1"/>
    <xs:choice minOccurs="1" maxOccurs="unbounded">
      <xs:element name="Control" type="UIControl"/>
      <xs:element name="OfficeControl" type="OfficeControl"/>
    </xs:choice>
  </xs:sequence>
  <xs:attribute name="id" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.150 Group

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: Tab, OfficeTab, CustomTab

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Specifies a specific group of user interface extension points in a tab in the host.

Child Elements:

Label: A ShortResourceReference element that specifies the label of the group.

Tooltip: A ShortResourceReference element that specifies a tooltip of the group.

Control: A UIControl element that specifies control of the group.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this group within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Group">
  <xs:sequence>
    <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Tooltip" type="bt:ShortResourceReference" minOccurs="0" maxOccurs="1"/>
    <xs:element name="Control" type="UIControl" minOccurs="1" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="id" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.151 Host

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: MailHost, Hosts

Generic type for specifying Host node types under the Hosts element list.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Host" abstract="true"/>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.152 Host

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: Workbook, Document, Notebook, Presentation, Hosts

Generic type for specifying Host node types under the Hosts element list.

Child Elements:

Runtimes: A Runtimes element that specifies the list of runtimes of an **Office Add-in**.

AllFormFactors: An AllFormFactors element that specifies the settings for an add-in for all form factors.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Host" abstract="true">
  <xs:sequence>
    <xs:element name="Runtimes" type="Runtimes" minOccurs="0" maxOccurs="1"/>
    <xs:element name="AllFormFactors" type="AllFormFactors" minOccurs="0" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.153 Hosts

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: VersionOverridesV1_1

Specifies the Office client Host type where an **Office Add-in** will be activated.

Child Elements:

Host: A Host element that specifies the Office client applications where an Office Add-in and its settings will be activated.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Hosts">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="Host" type="Host"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.154 Hosts

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: VersionOverridesV1_0

Specifies the Office client application types where an **Office Add-in** will be activated.

Child Elements:

Host: A Host element that specifies the Office client application where an Office Add-in will be activated.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Hosts">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="Host" type="Host"/>
  </xs:sequence>
</xs:complexType>
```


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See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.155 ItemHasAttachment

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Defines a rule that evaluates to true if the item contains an attachment.

Attributes:

Highlight: A ShortString attribute that specifies highlighting for the matches of this rule. This attribute is only acknowledged if the rule type is ItemHasRegularExpressionMatch or ItemHasKnownEntity, and the rule is under a DetectedEntity extension point. In other words, this attribute is ignored for other rule types, or all rules (regardless of type) under a CustomPane extension point or legacy rules (rules that are immediate children of the OfficeApp element). Currently supported values for this attribute are: "None", "All".

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemHasAttachment">
  <xs:complexContent>
    <xs:extension base="Rule"/>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.156 ItemHasKnownEntity

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Defines a rule that evaluates to true if the item contains text of the specified entity type in its subject or body.

Attributes:

EntityType: A ShortString attribute that specifies the type of entity that MUST be found for the rule to evaluate to true. Currently supported values are: "MeetingSuggestion", "TaskSuggestion", "Address", "Url", "PhoneNumber", "EmailAddress", and "Contact".

RegExFilter: A NonEmptyString attribute that specifies a regular expression to run against this entity for activation.

FilterName: A NonEmptyString attribute that specifies specifies the name of the regular expression filter, so that it is subsequently possible to refer to it by code.

IgnoreCase: A boolean attribute that specifies to ignore case when running the regular expression specified by the "RegExFilter" attribute.

Highlight: A ShortString attribute that specifies highlighting for the matches of this rule. This attribute is only acknowledged if the rule type is ItemHasRegularExpressionMatch or ItemHasKnownEntity, and the rule is under a DetectedEntity extension point. In other words, this attribute is ignored for other rule types, or all rules (regardless of type) under a CustomPane extension point or legacy rules (rules that are immediate children of the OfficeApp element). Currently supported values for this attribute are: "None", "All".

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

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```
<xs:complexType name="ItemHasKnownEntity">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:attribute name="EntityType" type="bt:ShortString" use="required"/>
      <xs:attribute name="RegExFilter" type="bt:NonEmptyString" use="optional"/>
      <xs:attribute name="FilterName" type="bt:NonEmptyString" use="optional"/>
      <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.157 ItemHasRegularExpressionMatch

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Defines a rule that evaluates to true if a match for the specified regular expression can be found in the specified property of the item.

Attributes:

RegExName: A NonEmptyString attribute that specifies the name of the regular expression, so that it is subsequently possible to refer to it by code.

RegExValue: A NonEmptyString attribute that specifies the regular expression to match.

PropertyName: A PropertyName attribute that specifies the name of the property in which to look for matches.

IgnoreCase: A boolean attribute that specifies to ignore the case when executing the regular expression.

Highlight: A ShortString attribute that specifies highlighting for the matches of this rule. This attribute is only acknowledged if the rule type is ItemHasRegularExpressionMatch or ItemHasKnownEntity, and the rule is under a DetectedEntity extension point. In other words, this attribute is ignored for other rule types, or all rules (regardless of type) under a CustomPane extension point or legacy rules (rules that are immediate children of the OfficeApp element). Currently supported values for this attribute are: "None", "All".

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemHasRegularExpressionMatch">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:attribute name="RegExName" type="bt:NonEmptyString" use="required"/>
      <xs:attribute name="RegExValue" type="bt:NonEmptyString" use="required"/>
      <xs:attribute name="PropertyName" type="PropertyName" use="required"/>
      <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.158 ItemIs

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

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Defines a rule that evaluates to true if the selected item is of the specified type.

Attributes:

ItemType: A NonEmptyString attribute that specifies the item type to match. Currently supported values are: "Message" and "AppointmentAttendee".

ItemClass: A NonEmptyString attribute that specifies the item message class to match.

IncludeSubClasses: A boolean attribute that specifies whether the rule evaluates to true if the item is of a subclass of the specified message class; the default is false.

Highlight: A ShortString attribute that specifies highlighting for the matches of this rule. This attribute is only acknowledged if the rule type is ItemHasRegularExpressionMatch or ItemHasKnownEntity, and the rule is under a DetectedEntity extension point. In other words, this attribute is ignored for other rule types, or all rules (regardless of type) under a CustomPane extension point or legacy rules (rules that are immediate children of the OfficeApp element). Currently supported values for this attribute are: "None", "All".

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ItemIs">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:attribute name="ItemType" type="bt:NonEmptyString" use="required"/>
      <xs:attribute name="ItemClass" type="bt:NonEmptyString" use="optional"/>
      <xs:attribute name="IncludeSubClasses" type="xs:boolean" use="optional"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.159 MailHost

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Defines a headless MailApp host details, its supported form factors, and settings for each.

Child Elements:

Runtimes: A Runtimes element that specifies the controls that will be used to run your add-in.

DesktopFormFactor: A FormFactorWithSupportsSharedFolders element that specifies the settings of the **mail add-in** when running in a desktop version of the host.

MobileFormFactor: A FormFactor element that specifies the behavior of the app when running in a mobile version of the host.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MailHost">
  <xs:complexContent>
    <xs:extension base="Host">
      <xs:sequence>
        <xs:element name="Runtimes" type="Runtimes" minOccurs="0" maxOccurs="1"/>
        <xs:element name="DesktopFormFactor" type="FormFactorWithSupportsSharedFolders"
minOccurs="0" maxOccurs="1"/>
        <xs:element name="MobileFormFactor" type="FormFactor" minOccurs="0" maxOccurs="1"/>
```


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```
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.160 Menu

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Specifies a user interface extension point that displays as a menu of actions.

Child Elements:

OverriddenByRibbonApi: A boolean element that when set to TRUE specifies whether the UIControl will be excluded from the CustomTab when custom contextual tabs API is supported by the application. The value MUST be ignored by applications that do not support custom contextual tabs API.

Label: A ShortResourceReference element that specifies the label of the control.

Supertip: A Supertip element that specifies the tooltip of the control.

Icon: An IconList element that specifies element that specifies the set of icons to display with this control.

Items: A MenuItems element that specifies a collection of items that are part of this menu.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Menu">
  <xs:complexContent>
    <xs:extension base="UIControlWithIcon">
      <xs:sequence>
        <xs:element name="Items" type="MenuItems" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.161 Menu

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Specifies a user interface extension point that displays as a menu of actions.

Child Elements:

Label: A ShortResourceReference element that specifies the label of the control.

Supertip: A Supertip element that specifies the tooltip of the control.

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Icon: An IconList element that specifies the set of icons to display with this control.

Items: A MenuItems element that specifies a collection of items that are part of this menu.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Menu">
  <xs:complexContent>
    <xs:extension base="UIControlWithIcon">
      <xs:sequence>
        <xs:element name="Items" type="MenuItems" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.162 MenuItem

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: MenuItems

Specifies a user interface extension point that displays as an item in a menu control.

Child Elements:

Label: A ShortResourceReference element that specifies the label of the control.

Supertip: A Supertip element that specifies the tooltip of the control.

Icon: An IconList element that specifies the set of icons for this control.

Action: An Action element that specifies what happens with a menu item when it is triggered.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MenuItem">
  <xs:complexContent>
    <xs:extension base="UIControlWithOptionalIcon">
      <xs:sequence>
        <xs:element name="Action" type="Action" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.163 MenuItem

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: MenuItems

Specifies a user interface extension point that displays as an item in a menu control.

Child Elements:

OverriddenByRibbonApi: A boolean element that when set to TRUE specifies whether the UIControl will be excluded from the CustomTab when custom contextual tabs API is supported by the application. The value MUST be ignored by applications that do not support custom contextual tabs API.

Label: A ShortResourceReference element that specifies the label of the control.

Supertip: A Supertip element that specifies the tooltip of the control.

Icon: An IconList element that specifies the set of icons for this control.

Action: An Action element that specifies what happens when a menu item is triggered.

Enabled: A boolean element that specifies the initial enabled/disabled state of the control. By default, the control state is enabled. It MUST be ignored for everything but Workbook.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MenuItem">
  <xs:complexContent>
    <xs:extension base="UIControlWithOptionalIcon">
      <xs:sequence>
        <xs:element name="Action" type="Action" minOccurs="1" maxOccurs="1"/>
        <xs:element name="Enabled" type="xs:boolean" minOccurs="0" maxOccurs="1"
default="true"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.164 MenuItems

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: Menu

Specifies a list of menu actions.

Child Elements:

Item: A MenuItem element that specifies a child of the menu.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

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```
<xs:complexType name="MenuItems">
  <xs:sequence>
    <xs:element name="Item" type="MenuItem" minOccurs="1" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.165 MenuItems

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: Menu

Specifies a list of menu actions.

Child Elements:

Item: A MenuItem element that specifies a child of the menu.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MenuItems">
  <xs:sequence>
    <xs:element name="Item" type="MenuItem" minOccurs="1" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.166 MessageComposeCommandSurface

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Specifies the ways the **mail add-in** exposes functionality through the user interface of a mail item's compose view.

Child Elements:

OfficeTab: An OfficeTab element that specifies an existing Office Tab where commands will appear.

CustomTab: A CustomTab element that specifies the tab where commands will appear.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MessageComposeCommandSurface">
  <xs:complexContent>
    <xs:extension base="CommandSurfaceExtensionPoint"/>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.167 MessageReadCommandSurface

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Specifies the ways the **mail add-in** exposes functionality through the user interface of a mail item's reading view.

Child Elements:

OfficeTab: An OfficeTab element that specifies an existing Office Tab where commands will appear.

CustomTab: A CustomTab element that specifies the tab where commands will appear.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MessageReadCommandSurface">
  <xs:complexContent>
    <xs:extension base="CommandSurfaceExtensionPoint"/>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.168 Module

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

The **mail add-in** exposes functionality in the Add-ins Module to show a large HTML source with CommandSurfaces.

Child Elements:

SourceLocation: A URLResourceReference element that specifies the page to load for the module.

Label: A ShortResourceReference element that specifies the label of the module.

CommandSurface: A CommandSurface element that specifies the surface of the module where commands will be displayed.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Module">
  <xs:complexContent>
    <xs:extension base="ExtensionPoint">
      <xs:sequence>
        <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="CommandSurface" type="CommandSurface" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.169 OfficeMenu

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: ContextMenu

Specifies a built-in menu of the Office client application to add this **Office Add-in**.

Child Elements:

Control: A UIControl element that specifies the visual element to display in this menu.

Attributes:

id: A ShortString attribute that specifies the identifier of the built-in menu to which the controls will be added.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="OfficeMenu">
  <xs:sequence>
    <xs:element name="Control" type="UIControl" minOccurs="1" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="id" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.170 OfficeTab

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: CommandSurfaceExtensionPoint, MessageReadCommandSurface, MessageComposeCommandSurface, AppointmentOrganizerCommandSurface, AppointmentAttendeeCommandSurface

Specifies an extension to a pre-existing tab in the host where an **Office Add-in** will customize the user interface. Currently supported Tab id values for this element are "TabDefault".

Child Elements:

Group: A Group element that specifies how commands are bundled and displayed together.

Attributes:

id: A ShortString attribute that specifies the identifier of the tab to which the child groups belong. If this tab is a CustomTab element, it is the identifier of the new tab. If it is an OfficeTab, it is the identifier of the preexisting Office UI tab in which to insert content.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="OfficeTab">
  <xs:complexContent>
    <xs:extension base="Tab"/>
  </xs:complexContent>
</xs:complexType>
```


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See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.171 OfficeTab

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: CommandSurfaceExtensionPoint, PrimaryCommandSurface

Specifies an extension to a pre-existing tab in the Office client application where this **Office Add-in** will customize the user interface.

Child Elements:

Group: A Group element that specifies a specific group of user interface extension points in a tab in the Office client application.

Attributes:

id: A ShortString attribute that specifies the identifier of the tab to which the child groups belong. If this tab is a CustomTab element, it is the identifier of the new tab. If it is an OfficeTab, it is the identifier of the preexisting Office UI tab in which to insert content.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="OfficeTab">
  <xs:complexContent>
    <xs:extension base="Tab">
      <xs:sequence>
        <xs:element name="Group" type="Group" minOccurs="1" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.172 Presentation

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Defines add-in extensions for PowerPoint, including supported form factors.

Child Elements:

Runtimes: A Runtimes element that specifies the list of runtimes of an **Office Add-in**.

AllFormFactors: An AllFormFactors element that specifies the settings for an add-in for all form factors.

DesktopFormFactor: A FormFactor element that specifies settings of the Office Add-in when running in a desktop version of PowerPoint.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Presentation">
  <xs:complexContent>
    <xs:extension base="Host">
      <xs:sequence>
```


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```
        <xs:element name="DesktopFormFactor" type="FormFactor" minOccurs="0" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.173 PrimaryCommandSurface

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Specifies the ways this **Office Add-in** exposes functionality through the primary command surface of the Office client application (For example, Desktop Ribbon).

Child Elements:

OfficeTab: An OfficeTab element that specifies an existing Office tab where commands will appear.

CustomTab: A CustomTab element that specifies the tab where commands will appear.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="PrimaryCommandSurface">
  <xs:complexContent>
    <xs:extension base="CommandSurfaceExtensionPoint"/>
  </xs:complexContent>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.174 Rule

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: ItemIs, ItemHasKnownEntity, ItemHasRegularExpressionMatch, ItemHasAttachment, RuleCollection, CustomPane, DetectedEntity

An abstract type that specifies the conditions for the host application to activate this **mail add-in**.

Attributes:

Highlight: A ShortString attribute that specifies highlighting for the matches of this rule. This attribute is only acknowledged if the rule type is ItemHasRegularExpressionMatch or ItemHasKnownEntity, and the rule is under a DetectedEntity extension point. In other words, this attribute is ignored for other rule types, or all rules (regardless of type) under a CustomPane extension point or legacy rules (rules that are immediate children of the OfficeApp element). Currently supported values for this attribute are: "None", "All".

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Rule" abstract="true">
  <xs:attribute name="Highlight" type="bt:ShortString" use="optional" default="All"/>
</xs:complexType>
```


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See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.175 RuleCollection

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Defines a collection of rules and the logical operator to use when evaluating them.

Child Elements:

Rule: A Rule element that specifies the list of rules that this collection contains.

Attributes:

Mode: A LogicalOperator attribute that specifies the logical operator to use when evaluating this rule collection.

Highlight: A ShortString attribute that specifies highlighting for the matches of this rule. This attribute is only acknowledged if the rule type is ItemHasRegularExpressionMatch or ItemHasKnownEntity, and the rule is under a DetectedEntity extension point. In other words, this attribute is ignored for other rule types, or all rules (regardless of type) under a CustomPane extension point or legacy rules (rules that are immediate children of the OfficeApp element). Currently supported values for this attribute are: "None", "All".

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="RuleCollection">
  <xs:complexContent>
    <xs:extension base="Rule">
      <xs:sequence>
        <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="unbounded"/>
      </xs:sequence>
      <xs:attribute name="Mode" type="LogicalOperator" use="required"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.176 ShowTaskpane

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Specifies a taskpane extension URL to display when a user interface extension point is invoked by the user.

Child Elements:

TaskpaneId: A ShortString element that specifies the ID of the taskpane container. Specifying the same ID multiple times allows it to reuse the same taskpane container.

A **TaskpaneId** with a value of Office.AutoShowTaskpaneWithDocument specifies a **ShowTaskpane** action that SHOULD be displayed by the host when a file is opened that contains a CT_OsfWebExtension, as defined in [MS-OWEXML] section 2.2.7, that references this add-in in the Reference element and contains a CT_OsfWebExtensionProperty ([MS-OWEXML] section 2.2.1) in its Properties element that has a name attribute with the value "Office.AutoShowTaskpaneWithDocument" and a value attribute with the value "true". If the Office.AutoShowTaskpaneWithDocument is specified as the **TaskpaneId** for multiple **ShowTaskPane**

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actions, the first **ShowTaskpane** action in the FormFactor of the host SHOULD be used for the document open action.

SourceLocation: A URLResourceReference element that specifies the page to load on the taskpane.

Title: A ShortResourceReference element that specifies the title of the taskpane container.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ShowTaskpane">
  <xs:complexContent>
    <xs:extension base="Action">
      <xs:sequence>
        <xs:element name="TaskpaneId" type="bt:ShortString" minOccurs="0" maxOccurs="1"/>
        <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="Title" type="bt:ShortResourceReference" minOccurs="0"
maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.177 ShowTaskpane

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Specifies a taskpane extension URL to display when a user interface extension point is invoked by the user.

Child Elements:

SourceLocation: A URLResourceReference element that specifies the URL of the page to display on the taskpane.

SupportsPinning: A **boolean** element ([XMLSCHEMA2] section 3.2.2) that specifies the taskpane can be pinned by the host.

SupportsNoItemContext: A **boolean** element ([XMLSCHEMA2] section 3.2.2) that specifies an add-in can activate without the Reading Pane enabled or a message selected.<1>

SupportsMultiSelect: A **boolean** element ([XMLSCHEMA2] section 3.2.2) that specifies that an add-in can activate on multiple selected messages<2>.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ShowTaskpane">
  <xs:complexContent>
    <xs:extension base="Action">
      <xs:sequence>
        <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="SupportsPinning" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
        <xs:element name="SupportsNoItemContext" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
        <xs:element name="SupportsMultiSelect" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
      </xs:sequence>
```


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```
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.178 Supertip

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: UIControl, UIControlWithIcon, UIControlWithOptionalIcon, Button, MenuItem, Menu

Specifies the super tip for this control.

Child Elements:

Title: A ShortResourceReference element that specifies the title of the tooltip.

Description: A LongResourceReference element that specifies the message to display in the body of the tooltip.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Supertip">
  <xs:sequence>
    <xs:element name="Title" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Description" type="bt:LongResourceReference" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.179 Supertip

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: UIControl, UIControlWithIcon, UIControlWithOptionalIcon, Button, MenuItem, Menu

Specifies the super tip for this control.

Child Elements:

Title: A ShortResourceReference element that specifies the title of the tooltip.

Description: A LongResourceReference element that specifies the message to display in the body of the tooltip.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Supertip">
  <xs:sequence>
    <xs:element name="Title" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Description" type="bt:LongResourceReference" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
```


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```
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.180 Tab

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: OfficeTab, CustomTab

Specifies a tab in the Office client application where this Office add-in will customize the user interface.

Attributes:

id: A ShortString attribute that specifies the identifier of the tab to which the child groups belong. If this tab is a CustomTab element, it is the identifier of the new tab. If it is an OfficeTab, it is the identifier of the preexisting Office UI tab in which to insert content.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Tab" abstract="true">
  <xs:attribute name="id" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.181 Tab

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: OfficeTab, CustomTab

Specifies a specific tab in the host where the **mail add-in** will customize the user interface.

Child Elements:

Group: A Group element that specifies how commands are bundled and displayed together.

Attributes:

id: A ShortString attribute that specifies the identifier of the tab to which the child groups belong. If this tab is a CustomTab element, it is the identifier of the new tab. If it is an OfficeTab, it is the identifier of the preexisting Office UI tab in which to insert content.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Tab" abstract="true">
  <xs:sequence>
    <xs:element name="Group" type="Group" minOccurs="1" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="id" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.182 UIControl

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: UIControlWithIcon, UIControlWithOptionalIcon, Group

Specifies a user interface extension point of various kinds.

Child Elements:

Label: A ShortResourceReference element that specifies the label of the control.

Supertip: A Supertip element that specifies the tooltip of the control.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="UIControl" abstract="true">
  <xs:sequence>
    <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Supertip" type="Supertip" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
  <xs:attribute name="id" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.183 UIControl

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: UIControlWithIcon, UIControlWithOptionalIcon, Group, OfficeMenu

Specifies a user interface extension point of various kinds.

Child Elements:

OverriddenByRibbonApi: A boolean element that when set to TRUE specifies whether the UIControl will be excluded from the CustomTab when custom contextual tabs API is supported by the application. The value MUST be ignored by applications that do not support custom contextual tabs API.

Label: A ShortResourceReference element that specifies the label of the control.

Supertip: A Supertip element that specifies the tooltip of the control.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="UIControl" abstract="true">
  <xs:sequence>
    <xs:element name="OverriddenByRibbonApi" type="xs:boolean" minOccurs="0" maxOccurs="1"
default="false"/>
```


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```
      <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Supertip" type="Supertip" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
    <xs:attribute name="id" type="bt:ShortString" use="required"/>
  </xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.184 UIControlWithIcon

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: Button, Menu

Specifies a user interface extension point of various kinds that contain an icon.

Child Elements:

Label: A ShortResourceReference element that specifies the label of the control.

Supertip: A Supertip element that specifies the tooltip of the control.

Icon: An IconList element that specifies the set of icons to display with this control.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="UIControlWithIcon" abstract="true">
  <xs:complexContent>
    <xs:extension base="UIControl">
      <xs:sequence>
        <xs:element name="Icon" type="bt:IconList" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.185 UIControlWithIcon

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: Button, Menu

Specifies a user interface extension point of various kinds that contain an icon.

Child Elements:

OverriddenByRibbonApi: A boolean element that when set to TRUE specifies whether the UIControl will be excluded from the CustomTab when custom contextual tabs API is supported by the application. The value MUST be ignored by applications that do not support custom contextual tabs API.

Label: A ShortResourceReference element that specifies the label of the control.

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Supertip: A Supertip element that specifies the tooltip of the control.

Icon: An IconList element that specifies element that specifies the set of icons to display with this control.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="UIControlWithIcon" abstract="true">
  <xs:complexContent>
    <xs:extension base="UIControl">
      <xs:sequence>
        <xs:element name="Icon" type="bt:IconList" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.186 UIControlWithOptionalIcon

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: MenuItem

Specifies a user interface extension point of various kinds that contains an optional icon.

Child Elements:

OverriddenByRibbonApi: A boolean element that when set to TRUE specifies whether the UIControl will be excluded from the CustomTab when custom contextual tabs API is supported by the application. The value MUST be ignored by applications that do not support custom contextual tabs API.

Label: A ShortResourceReference element that specifies the label of the control.

Supertip: A Supertip element that specifies the tooltip of the control.

Icon: An IconList element that specifies the set of icons for this control.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="UIControlWithOptionalIcon" abstract="true">
  <xs:complexContent>
    <xs:extension base="UIControl">
      <xs:sequence>
        <xs:element name="Icon" type="bt:IconList" minOccurs="0" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
```


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```
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.187 UIControlWithOptionalIcon

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: MenuItem

Specifies a user interface extension point of various kinds that contains an optional icon.

Child Elements:

Label: A ShortResourceReference element that specifies the label of the control.

Supertip: A Supertip element that specifies the tooltip of the control.

Icon: An IconList element that specifies the set of icons for this control.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="UIControlWithOptionalIcon" abstract="true">
  <xs:complexContent>
    <xs:extension base="UIControl">
      <xs:sequence>
        <xs:element name="Icon" type="bt:IconList" minOccurs="0" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.188 VersionOverridesV1_0

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: VersionOverrides, TaskPaneApp

Contains elements for the version 1.0 overrides of the Office **task pane add-in** manifest.

Child Elements:

Description: A LongResourceReference element that specifies a more verbose description of the **Office Add-in**. Overrides the Description element in the parent node of this element in the manifest.

Requirements: A Requirements element that specifies the minimum set of Office.js requirements that the Office Add-in needs to be activated. Overrides the Requirements element in the parent node of this element in the manifest.

Hosts: A Hosts element that specifies a collection of Office client application types. Overrides the Hosts element in the parent node of this element in the manifest.

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Resources: A Resources element that specifies a collection of resources referenced by other elements of the manifest where resource references are supported.

WebApplicationInfo: A WebApplicationInfo element that specifies information about the **add-in**'s associated **Web application**.

EquivalentAddins: An EquivalentAddins element that specifies the list of **equivalent add-in**s

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="VersionOverridesV1_0">
  <xs:sequence>
    <xs:element name="Description" type="bt:LongResourceReference" minOccurs="0"
maxOccurs="1"/>
    <xs:element name="Requirements" type="bt:Requirements" minOccurs="0" maxOccurs="1"/>
    <xs:element name="Hosts" type="Hosts" minOccurs="0" maxOccurs="1"/>
    <xs:element name="Resources" type="bt:Resources" minOccurs="0" maxOccurs="1"/>
    <xs:element name="WebApplicationInfo" type="WebApplicationInfo" minOccurs="0"
maxOccurs="1"/>
    <xs:element name="EquivalentAddins" type="EquivalentAddins" minOccurs="0" maxOccurs="1"/>
    <xs:any id="VersionOverrides" minOccurs="0" maxOccurs="1"
namespace="http://schemas.microsoft.com/office/taskpaneappversionoverrides/1.1"
processContents="lax"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.189 VersionOverridesV1_1

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: VersionOverrides, VersionOverridesV1_0

Contains elements for the version 1.1 overrides of the MailApp in the **Office Add-in** manifest.

Child Elements:

Description: A LongResourceReference element that specifies a more verbose description of the app. If present this value overrides the Description element in any parent portion of the manifest.

Requirements: A Requirements element that specifies the minimum set of Office.js requirements that the Office Add-in needs to activate. If present this value overrides the Description element in any parent portion of the manifest.

Hosts: A Hosts element that specifies a collection of host types and their settings. Overrides the Hosts element in any parent portion of the manifest.

Resources: A Resources element that specifies a collection of resources referenced by other elements of the manifest where resource references are supported. If present this value overrides the specific Resources element in any parent portion of the manifest and merges with the rest.

WebApplicationInfo: A WebApplicationInfo element that specifies information about the **add-in**'s associated **Web application**.

EquivalentAddins: An EquivalentAddins element that specifies the list of COM add-ins that have equivalent functionality to this web add-in. The web add-in will not be activated if any of the corresponding COM add-ins are connected when the mail client is started. <3>

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ConnectedServiceControls: A ConnectedServiceControls element that specifies a parent node for Connected Service Controls: AnalyzeUserContent, DownloadOnlineContent, Controller, or Processor.

ExtendedPermissions: An ExtendedPermissions element that specifies permissions that the app for Office needs for corresponding features to work**.**

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="VersionOverridesV1_1">
  <xs:sequence>
    <xs:element name="Description" type="bt:LongResourceReference" minOccurs="0"
maxOccurs="1"/>
    <xs:element name="Requirements" type="bt:Requirements" minOccurs="0" maxOccurs="1"/>
    <xs:element name="Hosts" type="Hosts" minOccurs="0" maxOccurs="1"/>
    <xs:element name="Resources" type="bt:Resources" minOccurs="0" maxOccurs="1"/>
    <xs:element name="WebApplicationInfo" type="WebApplicationInfo" minOccurs="0"
maxOccurs="1"/>
    <xs:element name="EquivalentAddins" type="EquivalentAddins" minOccurs="0" maxOccurs="1"/>
    <xs:element name="ConnectedServiceControls" type="ConnectedServiceControls" minOccurs="0"
maxOccurs="1"/>
    <xs:element name="ExtendedPermissions" type="ExtendedPermissions" minOccurs="0"
maxOccurs="1"/>
    <xs:any id="VersionOverrides" minOccurs="0" maxOccurs="1"
namespace="http://schemas.microsoft.com/office/mailappversionoverrides/1.2"
processContents="lax"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.190 Workbook

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Defines add-in command extensions for Excel, including supported form factors.

Child Elements:

Runtimes: A Runtimes element that specifies the list of runtimes of an **Office Add-in**.

AllFormFactors: An AllFormFactors element that specifies the settings for an add-in for all form factors.

DesktopFormFactor: A FormFactor element that specifies the settings of the Office Add-in when running in a desktop version of Excel.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Workbook">
  <xs:complexContent>
    <xs:extension base="Host">
      <xs:sequence>
        <xs:element name="DesktopFormFactor" type="FormFactor" minOccurs="0" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.191 GetStarted

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: FormFactor

Specifies the Get Started information for the **Office Add-in**. This information is used in various places in the Office User Interface after the user installs an add-in.

Child Elements:

Title: A ShortResourceReference element that specifies information that helps users to locate and get started using an add-in. The elements are displayed inside a UI element, such as a callout after an add-in is installed. The title is displayed as the header of the UI element.

Description: A LongResourceReference element that specifies information that helps users to locate and get started using an add-in. The elements are displayed inside a UI element, such as a callout after an add-in is installed. The description is displayed as the body of the UI element.

LearnMoreUrl: A URLResourceReference element that specifies information that helps users to locate and get started using an add-in. The elements are displayed inside a UI element, such as a callout after an add-in is installed. The LearnMoreUrl is displayed as an optional link.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="GetStarted">
  <xs:sequence>
    <xs:element name="Title" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Description" type="bt:LongResourceReference" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="LearnMoreUrl" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.192 Notebook

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Defines add-in command extensions for OneNote, including supported form factors.

Child Elements:

Runtimes: A Runtimes element that specifies the list of runtimes of an **Office Add-in**.

AllFormFactors: An AllFormFactors element that specifies the settings for an add-in for all form factors.

DesktopFormFactor: A FormFactor element that specifies the settings of the Office Add-in when running in a desktop version of OneNote.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Notebook">
  <xs:complexContent>
    <xs:extension base="Host">
```


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```
      <xs:sequence>
        <xs:element name="DesktopFormFactor" type="FormFactor" minOccurs="0" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.193 DetectedEntity

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Displays an app in a contextual card that can appear in message read or appointment attendee views via declaration of rules.

Child Elements:

Label: A ShortResourceReference element that specifies a short name for the app in the contextual card.

RequestedHeight: An ST_RequestedHeight1 element that specifies the desired height, in pixels on 72dpi displays, of this mail app when running on a desktop computer, which is a value between 140 and 450. The default value for this attribute is 350.

SourceLocation: A URLResourceReference element that specifies the list of source file locations for this mail app.

Rule: A Rule element that specifies the activation rule that is evaluated for this extension point.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="DetectedEntity">
  <xs:complexContent>
    <xs:extension base="ExtensionPoint">
      <xs:sequence>
        <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="RequestedHeight" minOccurs="0" maxOccurs="1"
type="ST_RequestedHeight1"/>
        <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.194 VersionOverridesV1_0

Target namespace: http://schemas.microsoft.com/office/contentappversionoverrides

Referenced by: VersionOverrides, ContentApp

Contains elements for the version 1.0 overrides of the Office **content add-in** manifest.

Child Elements:

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WebApplicationInfo: A WebApplicationInfo element that specifies information about the **add-in**'s associated **Web application**.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="VersionOverridesV1_0">
  <xs:sequence>
    <xs:element name="WebApplicationInfo" type="WebApplicationInfo" minOccurs="0"
maxOccurs="1"/>
    <xs:any id="VersionOverrides" minOccurs="0" maxOccurs="1"
namespace="http://schemas.microsoft.com/office/contentappversionoverrides/1.1"
processContents="lax"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.3 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.195 WebApplicationScopes

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: WebApplicationInfo

Specifies the scope **claims** that your **Web application** needs to external **resources**.

Child Elements:

Scope: A LongString element that specifies a scope claim that your Web application needs to external resources.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="WebApplicationScopes">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="Scope" type="bt:LongString"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.196 WebApplicationScopes

Target namespace: http://schemas.microsoft.com/office/contentappversionoverrides

Referenced by: WebApplicationInfo

Specifies the scope **claims** that your **Web application** needs to external **resources**.

Child Elements:

Scope: A LongString element that specifies a scope claim that your Web application needs to external resources.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

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```
<xs:complexType name="WebApplicationScopes">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="Scope" type="bt:LongString"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.3 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.197 WebApplicationInfo

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: VersionOverridesV1_1

A parent node to specify information about the **add-in**'s associated **Web application**.

Child Elements:

Id: A UUID element that specifies the **application identifier** of your multi-tenant Web application as registered in the application directory.

Resource: A LongString element that specifies the **Uniform Resource Identifier (URI)** for your Web application's **application programming interface (API)**.

Scopes: A WebApplicationScopes element that specifies the scope **claims** that your Web application needs to external **resources**.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="WebApplicationInfo">
  <xs:sequence minOccurs="1" maxOccurs="1">
    <xs:element name="Id" type="bt:UUID" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Resource" type="bt:LongString" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Scopes" type="WebApplicationScopes" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.198 WebApplicationInfo

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: VersionOverridesV1_0

A parent node to specify information about the **add-in**'s associated **Web application**.

Child Elements:

Id: A UUID element that specifies the **application identifier** of your multi-tenant Web application as registered in the application directory.

Resource: A LongString element that specifies the **Uniform Resource Identifier (URI)** for your Web application's **application programming interface (API)**.

Scopes: A WebApplicationScopes element that specifies the scope **claims** that your Web application needs to external **resources**.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="WebApplicationInfo">
  <xs:sequence minOccurs="1" maxOccurs="1">
    <xs:element name="Id" type="bt:UUID" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Resource" type="bt:LongString" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Scopes" type="WebApplicationScopes" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.199 WebApplicationInfo

Target namespace: http://schemas.microsoft.com/office/contentappversionoverrides

Referenced by: VersionOverridesV1_0

A parent node to specify information about the **add-in**'s associated **Web application**.

Child Elements:

Id: A UUID element that specifies the **application identifier** of your multi-tenant Web application as registered in the application directory.

Resource: A LongString element that specifies the **Uniform Resource Identifier (URI)** for your Web application's **application programming interface (API)**.

Scopes: A WebApplicationScopes element that specifies the scope **claims** that your Web application needs to external **resources**.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="WebApplicationInfo">
  <xs:sequence minOccurs="1" maxOccurs="1">
    <xs:element name="Id" type="bt:UUID" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Resource" type="bt:LongString" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Scopes" type="WebApplicationScopes" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.3 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.200 WebApplicationScopes

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: WebApplicationInfo

A WebApplicationScopes element that specifies the scope **claims** that your **Web application** needs to external **resources**.

Child Elements:

Scope: A LongString element that specifies a scope claim that your Web application needs to external resources.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="WebApplicationScopes">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="Scope" type="bt:LongString"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.201 Events

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Specifies a collection of events that, when triggered the host will call the specified add-in function.

Child Elements:

Event: An Event element that specifies a function from the function file to be called when that specified event in the host occurs.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Events">
  <xs:complexContent>
    <xs:extension base="ExtensionPoint">
      <xs:sequence>
        <xs:element name="Event" type="Event" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.202 EquivalentAddin

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: EquivalentAddins

Specifies an **equivalent add-in**. This will take precedence over your **Office Add-in** if installed.

Child Elements:

ProgId: A LongString element that specifies the **ProgID** of your equivalent add-in.

DisplayName: A LongString element that specifies the optional display name for the equivalent add-in.

FileName: A LongString element that specifies the file name of your equivalent **Component Object Model (COM) Add-in** or **Excel Linked Library (XLL)**

Type: A ShortString element that specifies the equivalent add-in type (COM for Component Object Model (COM) add-in **ribbon**, XLL for Excel Linked Library (XLL) custom functions).

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="EquivalentAddin">
  <xs:sequence minOccurs="1" maxOccurs="1">
    <xs:element name="ProgId" type="bt:LongString" minOccurs="0" maxOccurs="1"/>
    <xs:element name="DisplayName" type="bt:LongString" minOccurs="0" maxOccurs="1"/>
    <xs:element name="FileName" type="bt:LongString" minOccurs="0" maxOccurs="1"/>
    <xs:element name="Type" type="bt:ShortString" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.203 EquivalentAddins

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: VersionOverridesV1_0

Specifies the list of **Component Object Model (COM) add-in**/**Excel Linked Library (XLL)** that has equivalent function to the **Office Add-in**. These will take precedence over your Office Add-in if installed.

Child Elements:

EquivalentAddin: An EquivalentAddin element that specifies an **equivalent add-in**. This will take precedence over your Office Add-in if installed.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="EquivalentAddins">
  <xs:sequence minOccurs="1" maxOccurs="1">
    <xs:element name="EquivalentAddin" type="EquivalentAddin" minOccurs="1"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.204 Metadata

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: CustomFunctions

Specifies the location of the json metadata file.

Child Elements:

SourceLocation: A URLResourceReference element that specifies the location of the json metadata file.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Metadata">
```


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```
  <xs:sequence>
    <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.205 Page

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: CustomFunctions

Specifies the location of the html file.

Child Elements:

SourceLocation: A URLResourceReference element that specifies the location of the html file.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Page">
  <xs:sequence>
    <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.206 Script

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: CustomFunctions

Specifies the location of the js file.

Child Elements:

SourceLocation: A URLResourceReference element that specifies the location of the js file.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Script">
  <xs:sequence>
    <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.207 Runtime

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: Runtimes

Generic type for specifying Runtime behavior of the Office Add-in's component sharing the same resid.

Child Elements:

Override: A RuntimeOverride element that specifies override a resid for a particular runtime type.

Attributes:

resid: A ShortString attribute that specifies the resource id of the runtime.

lifetime: A ShortString attribute that specifies lifetime of the runtime. The value of lifetime could be long or short. By default, it is short**.**

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Runtime">
  <xs:sequence>
    <xs:element name="Override" type="RuntimeOverride" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="resid" type="bt:ShortString" use="required"/>
  <xs:attribute name="lifetime" type="bt:ShortString" use="optional"/>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.208 RuntimeOverride

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: Runtime

Override a resid for a particular runtime type.

Attributes:

resid: A ShortString attribute that specifies the resource id of the runtime.

type: A ShortString attribute that specifies type of the runtime**.**

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="RuntimeOverride">
  <xs:attribute name="resid" type="bt:ShortString" use="required"/>
  <xs:attribute name="type" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.209 Runtimes

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

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Referenced by: Host, Workbook, Document, Notebook, Presentation

Specifies the list of runtimes of an **Office Add-in**.

Child Elements:

Runtime: A Runtime element that specifies runtime behavior of the Office Add-in's component sharing the same resid.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Runtimes">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="Runtime" type="Runtime"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.210 ExtendedPermissions

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: VersionOverridesV1_1

Defines extended permissions to be used by add-ins**.**

Child Elements:

ExtendedPermission: A LongString element that specifies the feature name for which extended permission is requested.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ExtendedPermissions">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="ExtendedPermission" type="bt:LongString"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.211 AllFormFactors

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: Host, Workbook, Document, Notebook, Presentation

Specifies the settings for an add-in for all form factors.

Child Elements:

ExtensionPoint: A CustomFunctions element that defines where an add-in exposes functionality.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

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```
<xs:complexType name="AllFormFactors">
  <xs:sequence>
    <xs:element name="ExtensionPoint" type="CustomFunctions" minOccurs="0" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.212 CustomFunctions

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: AllFormFactors

Specifies a custom function written in JavaScript for Excel.

Child Elements:

Script: A Script element that specifies script settings used by a custom function in Excel.

Page: A Page element that specifies HTML page settings used by a custom function in Excel.

Metadata: A Metadata element that specifies the metadata settings used by a custom function in Excel.

Namespace: A ShortResourceReference element that specifies the namespace used by a custom function in Excel.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CustomFunctions">
  <xs:complexContent>
    <xs:extension base="ExtensionPoint">
      <xs:sequence>
        <xs:element name="Script" type="Script" minOccurs="1" maxOccurs="1"/>
        <xs:element name="Page" type="Page" minOccurs="1" maxOccurs="1"/>
        <xs:element name="Metadata" type="Metadata" minOccurs="1" maxOccurs="1"/>
        <xs:element name="Namespace" type="bt:ShortResourceReference" minOccurs="0"
maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.213 ConnectedServiceControls

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: VersionOverridesV1_1

A parent node for ConnectedServiceControls.

Child Elements:

Scopes: A ConnectedServiceControlsScopes element that specifies the scope strings for Connected Service Controls

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ConnectedServiceControls">
  <xs:sequence minOccurs="1" maxOccurs="1">
    <xs:element name="Scopes" type="ConnectedServiceControlsScopes" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.214 ConnectedServiceControlsScopes

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: ConnectedServiceControls

Specifies the scope strings for Connected Service Controls.

Child Elements:

Scope: A LongString element that specifies the scope string for one Connected Service Control.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ConnectedServiceControlsScopes">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="Scope" type="bt:LongString"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.215 FormFactorWithSupportsSharedFolders

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: MailHost

Specifies the list of settings for the app when activated for desktop form factor of the host.

Child Elements:

SupportsSharedFolders: A boolean that specifies whether the manifest supports shared folder scenarios or not.

FunctionFile: A URLResourceReference element that specifies the source code file for the app, containing operations it exposes via its extension points, to use when loaded in this form factor.

ExtensionPoint: An ExtensionPoint element that specifies a location in the host where the app registers itself to perform operations.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="FormFactorWithSupportsSharedFolders">
```


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```
    <xs:sequence>
      <xs:element name="SupportsSharedFolders" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
      <xs:group ref="FormFactorElementGroup"/>
    </xs:sequence>
  </xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.216 MobileButton

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: MobileGroup, MobileOnlineMeetingCommandSurface

Specifies a user interface extension point that displays as a button for mobile.

Child Elements:

Label: A ShortResourceReference element that specifies a short name for the UIControl.

Icon: A MobileIconList element that specifies a set of icons for a control.

Action: An Action element that specifies an action to perform when a user interface extension point is invoked by the user

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the Mobile UIControl.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
  <xs:complexType name="MobileButton">
    <xs:complexContent>
      <xs:extension base="MobileUIControlWithIcon">
        <xs:sequence>
          <xs:element name="Action" type="Action" minOccurs="1" maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.217 MobileCommandSurfaceExtensionPoint

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: MobileMessageReadCommandSurface

Specifies locations in a host's mobile user interface where the app exposes functionality.

Child Elements:

Group: A MobileGroup element that specifies a specific group of user interface extension points in the mobile host.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MobileCommandSurfaceExtensionPoint" abstract="true">
  <xs:complexContent>
    <xs:extension base="ExtensionPoint">
      <xs:sequence>
        <xs:element name="Group" type="MobileGroup" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.218 MobileGroup

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: MobileCommandSurfaceExtensionPoint, MobileMessageReadCommandSurface

Specifies a specific group of user interface extension points in the mobile host.

Child Elements:

Label: A ShortResourceReference element that specifies a short name for the group.

Control: A MobileButton element that specifies a user interface extension point that displays as a button for mobile.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this group within the form factor.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MobileGroup">
  <xs:sequence>
    <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Control" type="MobileButton" minOccurs="1" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="id" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.219 MobileMessageReadCommandSurface

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Specifies the ways the app exposes functionality through the user interface of a mail item's mobile reading view.

Child Elements:

Group: A MobileGroup element that specifies a specific group of user interface extension points in the mobile host.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MobileMessageReadCommandSurface">
  <xs:complexContent>
    <xs:extension base="MobileCommandSurfaceExtensionPoint"/>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.220 MobileOnlineMeetingCommandSurface

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Specifies the ways the app exposes functionality through the user interface of online meeting integration where user can inject meeting link and other details.

Child Elements:

Control: A MobileButton element that specifies a user interface extension point that displays as a button for mobile.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MobileOnlineMeetingCommandSurface">
  <xs:complexContent>
    <xs:extension base="ExtensionPoint">
      <xs:sequence>
        <xs:element name="Control" type="MobileButton" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.221 MobileUIControl

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: MobileUIControlWithIcon

Specifies a user interface extension point of various kinds on a mobile device.

Child Elements:

Label: A ShortResourceReference element that specifies a short name for the UIControl.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the Mobile UIControl.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

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```
<xs:complexType name="MobileUIControl" abstract="true">
  <xs:sequence>
    <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
  <xs:attribute name="id" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.222 MobileUIControlWithIcon

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: MobileButton

Specifies a user interface extension point of various kinds that contain an icon.

Child Elements:

Label: A ShortResourceReference element that specifies a short name for the UIControl.

Icon: A MobileIconList element that specifies a set of icons for a control.

Attributes:

id: A ShortString attribute that specifies the unique identifier of this control within the Mobile UIControl.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MobileUIControlWithIcon" abstract="true">
  <xs:complexContent>
    <xs:extension base="MobileUIControl">
      <xs:sequence>
        <xs:element name="Icon" type="bt:MobileIconList" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.223 MobileIconList

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: MobileUIControlWithIcon, MobileButton

Specifies a set of icons for a control.

Child Elements:

Image: A MobileImageResourceReference element that specifies the dimension of the image resource. Mandatory values are 25 (25x25 image size), 32 (32x32 image size) and 48 (48x48 image size).

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

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```
<xs:complexType name="MobileIconList">
  <xs:sequence>
    <xs:element name="Image" type="MobileImageResourceReference" minOccurs="9"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.224 MobileImageResourceReference

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: MobileIconList

Specifies a reference to an image resource defined under the Resources element of the manifest.

Attributes:

size: An integer attribute that specifies the dimension of the image resource. Mandatory values are 25 (25x25 image size), 32 (32x32 image size) and 48 (48x48 image size).

scale: An integer attribute that specifies the scale factor (new size = old size / scale factor) for the image resource. Mandatory values are 1, 2 and 3.

resid: A ReferenceId attribute that specifies the identifier of the resource.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="MobileImageResourceReference">
  <xs:complexContent>
    <xs:extension base="ResourceReference">
      <xs:attribute name="size" type="xs:integer" use="required"/>
      <xs:attribute name="scale" type="xs:integer" use="required"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.225 OfficeControl

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: Group

Specifies a built-in Office control using published control ID.

Attributes:

id: A ShortString attribute that specifies the published identifier of a built-in Office control.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="OfficeControl">
  <xs:attribute name="id" type="bt:ShortString" use="required"/>
```


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```
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.226 OfficeGroup

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: CustomTab

Specifies a built-in Office group in tabs using published control ID.

Attributes:

id: A ShortString attribute that specifies the published identifier of a built-in Office group.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="OfficeGroup">
  <xs:attribute name="id" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.227 ExtendedOverrides

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: TaskPaneApp

Provides a reference to an external document with feature-specific metadata.

Child Elements:

Tokens: A Tokens element that defines tokens that could be used in template URLs.

Attributes:

Url: A URL attribute that specifies the URL template of the metadata document.

ResourcesUrl: A URL attribute that specifies the URL template of the supplemental resources for the metadata document.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ExtendedOverrides">
  <xs:sequence>
    <xs:element name="Tokens" type="Tokens" minOccurs="0" maxOccurs="1"/>
  </xs:sequence>
  <xs:attribute name="Url" type="URL" use="required"/>
  <xs:attribute name="ResourcesUrl" type="URL" use="optional"/>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.228 LocaleToken

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Defines a URL token whose value is determined based on the locale of the host.

Child Elements:

Override: A LocaleTokenOverride element that specifies an ordered list of conditions and corresponding values. Multiple conditions can be satisfied. The value for the last satisfied condition on the list is used.

Attributes:

Name: A ShortString attribute that specifies the Token name. This name is user-defined.

DefaultValue: A ShortString attribute that specifies the default value for this token if no condition matches.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LocaleToken">
  <xs:complexContent>
    <xs:extension base="Token">
      <xs:sequence>
        <xs:element name="Override" type="LocaleTokenOverride" minOccurs="0"
maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.229 LocaleTokenOverride

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: LocaleToken

Defines a condition and a corresponding value for a LocaleToken.

Attributes:

Locale: A ShortString attribute that specifies the LocaleToken condition.

Value: A ShortString attribute that specifies the LocaleToken value when the condition is satisfied.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LocaleTokenOverride">
  <xs:attribute name="Locale" type="bt:ShortString" use="required"/>
  <xs:attribute name="Value" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.2.230 RequirementsToken

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Defines a URL token whose value is determined based on requirements supported by the host.

Child Elements:

Override: A RequirementsTokenOverride element that specifies an ordered list of conditions and corresponding values. Multiple conditions can be satisfied. The value for the last satisfied condition on the list is used.

Attributes:

Name: A ShortString attribute that specifies the Token name. This name is user-defined.

DefaultValue: A ShortString attribute that specifies the default value for this token if no condition matches.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="RequirementsToken">
  <xs:complexContent>
    <xs:extension base="Token">
      <xs:sequence>
        <xs:element name="Override" type="RequirementsTokenOverride" minOccurs="0"
maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.231 RequirementsTokenOverride

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: RequirementsToken

Defines a condition and a corresponding value for a RequirementsToken.

Child Elements:

Requirements: A Requirements element that specifies the RequirementsToken condition.

Attributes:

Value: A ShortString attribute that specifies the RequirementsToken value when the condition is satisfied.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="RequirementsTokenOverride">
  <xs:sequence>
    <xs:element name="Requirements" type="Requirements" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
  <xs:attribute name="Value" type="bt:ShortString" use="required"/>
```


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```
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.232 Token

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: RequirementsToken, LocaleToken, Tokens

Abstract type that contains common properties for URL tokens.

Attributes:

Name: A ShortString attribute that specifies the Token name. This name is user-defined.

DefaultValue: A ShortString attribute that specifies the default value for this token if no condition matches.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Token" abstract="true">
  <xs:attribute name="Name" type="bt:ShortString" use="required"/>
  <xs:attribute name="DefaultValue" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.233 Tokens

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ExtendedOverrides

Defines tokens that could be used in template URLs.

Child Elements:

Token: A Token element that defines an individual URL token.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Tokens">
  <xs:sequence>
    <xs:element name="Token" type="Token" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.234 EquivalentAddin

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

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Referenced by: EquivalentAddins

Specifies an equivalent add-in. This will take precedence over your web add-in if installed. <4>

Child Elements:

ProgId: A LongString element that specifies the progID of your equivalent add-in.

DisplayName: A LongString element that specifies the optional display name for the equivalent add-in.

FileName: A LongString element (section 2.2.202).<5>

Type: A ShortString element that specifies the equivalent add-in type (COM for UI, XLL for custom functions).

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="EquivalentAddin">
  <xs:sequence minOccurs="1" maxOccurs="1">
    <xs:element name="ProgId" type="bt:LongString" minOccurs="0" maxOccurs="1"/>
    <xs:element name="DisplayName" type="bt:LongString" minOccurs="0" maxOccurs="1"/>
    <xs:element name="FileName" type="bt:LongString" minOccurs="0" maxOccurs="1"/>
    <xs:element name="Type" type="bt:ShortString" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.235 EquivalentAddins

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: VersionOverridesV1_1

Specifies the list of COM add-ins that have equivalent functionality to this web add-in. The web add-in will not be activated if any of the corresponding COM add-ins are connected when Outlook is started.<6>

Child Elements:

EquivalentAddin: An EquivalentAddin element that specifies an equivalent add-in. This will take precedence over your web add-in if installed.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="EquivalentAddins">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="EquivalentAddin" type="EquivalentAddin"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.236 LaunchEventDefinition

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

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Referenced by: LaunchEvents

Specifies an event for which the add-ins SHOULD be launched.<7>

Attributes:

Type: A ShortString attribute that specifies the name of the event.

FunctionName: A LongString attribute that specifies the name of the handler.

SendMode: A LaunchEventSendMode attribute that specifies the control the user has during a send event.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LaunchEventDefinition">
  <xs:attribute name="Type" type="bt:ShortString" use="required"/>
  <xs:attribute name="FunctionName" type="bt:LongString" use="required"/>
  <xs:attribute name="SendMode" type="LaunchEventSendMode" use="optional"/>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.237 LaunchEvents

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: LaunchEvent

Specifies a collection of client events for which the add-in SHOULD be launched.<8>

Child Elements:

LaunchEvent: A LaunchEventDefinition element that specifies a client event.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LaunchEvents">
  <xs:sequence>
    <xs:element name="LaunchEvent" type="LaunchEventDefinition" minOccurs="1"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.238 Runtime

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: Runtimes

Generic type for specifying a control to use for running the add-in.<9>

Child Elements:

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Override: A RuntimeOverride element that overrides its parent Runtime (section 2.2.238) if the mail client supports it.

Attributes:

resid: A ShortString attribute that specifies the Resource ID of the runtime**.**

lifetime: A ShortString attribute that specifies the period of time the runtime will be active. The default and only supported value is short. When set to short, the add-in runs for five minutes.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Runtime">
  <xs:sequence>
    <xs:element name="Override" type="RuntimeOverride" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="resid" type="bt:ShortString" use="required"/>
  <xs:attribute name="lifetime" type="bt:ShortString" use="optional" default="short"/>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.239 RuntimeOverride

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: Runtime

Overrides its parent Runtime (section 2.2.238) if the mail client supports it.<10>

Attributes:

resid: A ShortString attribute that specifies the Resource ID of the RuntimeOverride (section 2.2.239).

type: A ShortString attribute that specifies name of the runtime environment.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="RuntimeOverride">
  <xs:attribute name="resid" type="bt:ShortString" use="required"/>
  <xs:attribute name="type" type="bt:ShortString" use="required"/>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.240 Runtimes

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: MailHost

The list of Runtime (section 2.2.238) items in the add-in.<11>

Child Elements:

Runtime: A Runtime element that specifies a control to use for running the add-in.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="Runtimes">
  <xs:sequence minOccurs="1" maxOccurs="unbounded">
    <xs:element name="Runtime" type="Runtime"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.241 LaunchEvent

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Specifies that an add-in SHOULD run without any user interface on a mail and appointment item.<12>

Child Elements:

LaunchEvents: A LaunchEvents element that specifies the list of events to subscribe to.

SourceLocation: An URLResourceReference element that specifies the source file locations for your Office Add-in as a URL between 1 and 2018 characters long. The source location MUST be an HTTPS address, not a file path.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LaunchEvent">
  <xs:complexContent>
    <xs:extension base="ExtensionPoint">
      <xs:sequence>
        <xs:element name="LaunchEvents" type="LaunchEvents" minOccurs="1" maxOccurs="1"/>
        <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.242 CT_MoreInfo

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: CT_PreProcessingDialog

Specifies the custom text and URL to provide informational resources to the users from the preprocessing dialog of a spam-reporting add-in in Outlook. The information provided in this element helps users identify and report unsolicited messages.

Child Elements:

MoreInfoText: A ShortResourceReference element that specifies additional information in the preprocessing dialog of a spam-reporting add-in to help users report unsolicited messages

MoreInfoUrl: An URLResourceReference element that specifies the URL of a site containing informational resources in the preprocessing dialog of a spam-reporting add-in.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CT_MoreInfo">
  <xs:sequence>
    <xs:element name="MoreInfoText" type="bt:ShortResourceReference" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="MoreInfoUrl" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.243 CT_PreProcessingDialog

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: ReportPhishingCustomization

Specifies the preprocessing dialog of a spam-reporting add-in in Outlook, so that users can provide additional information about the message they're reporting.

Child Elements:

Title: A ShortResourceReference element that specifies the custom title of the preprocessing dialog.

Description: A LongResourceReference element that specifies the custom text that appears in the preprocessing dialog

NeverShowAgainOption: A boolean element that specifies if the user has an option to never show the dialog again. This option is only considered if **ReportingOptions** is not present.

ReportingOptions: A CT_ReportingOptions element that specifies a list of up to five options a user can select from the preprocessing dialog to provide a reason for reporting a message.

FreeTextLabel: A ShortResourceReference element that specifies a text box to the preprocessing dialog to allow users to provide additional information on the message they're reporting.

MoreInfo: A CT_MoreInfo element that specifies the custom text and URL to provide informational resources to the users. The custom text and URL configured in this element appear below the text provided in the <Description> element.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CT_PreProcessingDialog">
  <xs:sequence>
    <xs:element name="Title" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Description" type="bt:LongResourceReference" minOccurs="1"
maxOccurs="1"/>
    <xs:element name="NeverShowAgainOption" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
    <xs:element name="ReportingOptions" minOccurs="0" maxOccurs="1"
type="CT_ReportingOptions"/>
    <xs:element name="FreeTextLabel" type="bt:ShortResourceReference" minOccurs="0"
maxOccurs="1"/>
    <xs:element name="MoreInfo" minOccurs="0" maxOccurs="1" type="CT_MoreInfo"/>
  </xs:sequence>
</xs:complexType>
```


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See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.244 CT_ReportingOptions

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: CT_PreProcessingDialog

Specifies the reporting options listed in the preprocessing dialog of a spam-reporting add-in in Outlook.

Child Elements:

Title: A ShortResourceReference element that specifies the title listed before the reporting options list.

Option: A ShortResourceReference element that specifies the custom options that a user can select from the preprocessing dialog to provide a reason for reporting a message.

Attributes:

inputType: A ReportOptionsInputType attribute that specifies if the **Options** under **ReportingOptions** are checkboxes or radio buttons. A user can select multiple checkboxes, but only one radio button.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="CT_ReportingOptions">
  <xs:sequence>
    <xs:element name="Title" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Option" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="5"/>
  </xs:sequence>
  <xs:attribute name="inputType" type="ReportOptionsInputType" use="optional"/>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.245 ReportPhishingCommandSurface

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Specifies the ways the app exposes the Report Spam Button and the PreProcessingDialog that shows when the button is clicked.**<13>**

Child Elements:

ReportPhishingCustomization: A ReportPhishingCustomization element that specifies a control that is inserted into a specific place on the Outlook Ribbon. The PreProcessingDialog describes the dialog that is shown after the button is pressed.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ReportPhishingCommandSurface">
  <xs:complexContent>
    <xs:extension base="ExtensionPoint">
      <xs:sequence>
        <xs:element name="ReportPhishingCustomization" type="ReportPhishingCustomization"
minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
```


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```
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.246 ReportPhishingCustomization

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: ReportPhishingCommandSurface

Specifies a control that is inserted into a specific place on the ribbon. The PreProcessingDialog describes the dialog that is shown after the button is pressed.<14>

Child Elements:

Control: A Button element that specifies a user interface extension point that is inserted into a fixed location.

PreProcessingDialog: A CT_PreProcessingDialog element that specifies the contents of a dialog that opens after the button is clicked.

SourceLocation: An URLResourceReference element that specifies the runtime to be used. This is also referenced by the Runtime (section 2.2.238) element.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="ReportPhishingCustomization">
  <xs:sequence>
    <xs:element name="Control" type="Button" minOccurs="1" maxOccurs="1"/>
    <xs:element name="PreProcessingDialog" minOccurs="1" maxOccurs="1"
type="CT_PreProcessingDialog"/>
    <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.247 LaunchEvent

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Specifies that an add-in triggered by a specific event should run without any user interface.

Child Elements:

LaunchEvents: A LaunchEvents element that specifies the list of events to subscribe to.

SourceLocation: An URLResourceReference element that specifies the source file locations for your Office Add-in as a URL between 1 and 2018 characters long. The source location MUST be an HTTPS address, not a file path.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

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```
<xs:complexType name="LaunchEvent">
  <xs:complexContent>
    <xs:extension base="ExtensionPoint">
      <xs:sequence>
        <xs:element name="LaunchEvents" type="LaunchEvents" minOccurs="1" maxOccurs="1"/>
        <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.248 LaunchEventDefinition

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: LaunchEvents

Specifies an event for which the add-ins should be launched.

Attributes:

Type: A ShortString attribute that specifies the name of the event.

FunctionName: A LongString attribute that specifies the name of the handler.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LaunchEventDefinition">
  <xs:attribute name="Type" type="bt:ShortString" use="required"/>
  <xs:attribute name="FunctionName" type="bt:LongString" use="required"/>
</xs:complexType>
```

See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.2.249 LaunchEvents

Target namespace: http://schemas.microsoft.com/office/taskpaneappversionoverrides

Referenced by: LaunchEvent

Specifies a collection of client events for which the add-in should be launched.

Child Elements:

LaunchEvent: A LaunchEventDefinition element that specifies a client event.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this complex type.

```
<xs:complexType name="LaunchEvents">
  <xs:sequence>
    <xs:element name="LaunchEvent" type="LaunchEventDefinition" minOccurs="1"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```


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See section 5.7 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3 Simple Types

2.3.1 NonEmptyString

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: LocaleOverride, LocaleAwareSetting, ItemIs, ItemHasKnownEntity, ItemHasRegularExpressionMatch

Specifies a string that MUST NOT be empty and can be unbounded.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="NonEmptyString">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.2 ShortString

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: ShortLocaleOverride, ShortLocaleAwareSetting, OfficeApp, ContentApp, TaskPaneApp, MailApp

Specifies a string that MUST contain between 1 and 125 characters.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ShortString">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="125"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.3 LongString

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: LongLocaleOverride, LongLocaleAwareSetting, AppDomains

Specifies a string that MUST contain between 1 and 250 characters.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="LongString">
```


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```
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="250"/>
    </xs:restriction>
  </xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.4 URL

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: URLLocaleOverride, URLLocaleAwareSetting

Specifies a string that holds a **Uniform Resource Locator (URL)** and that MUST contain between 1 and 2048 characters.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
  <xs:simpleType name="URL">
    <xs:restriction base="xs:anyURI">
      <xs:minLength value="1"/>
      <xs:maxLength value="2048"/>
    </xs:restriction>
  </xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.5 UUID

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: OfficeApp, ContentApp, TaskPaneApp, MailApp

Specifies the supported representations of a **Uniform Resource Name (URN)**, **universally unique identifier (UUID)**, or **GUID**.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
  <xs:simpleType name="UUID">
    <xs:restriction base="xs:string">
      <xs:pattern value="(urn:uuid:)?[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-
F]{4}-[0-9a-fA-F]{12}|\{[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-
F]{12}\}"/>
    </xs:restriction>
  </xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.6 AlternateId

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: OfficeApp, ContentApp, TaskPaneApp, MailApp

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Specifies an alternate identifier for the **Office Add-in**.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="AlternateId">
  <xs:restriction base="xs:string">
    <xs:pattern value=".{5,12}\\WA[0-9]{9}"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.7 CultureName

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: LocaleOverride, ShortLocaleOverride, LongLocaleOverride, URLLocaleOverride, OfficeApp, ContentApp, TargetDialects, TaskPaneApp, MailApp

Specifies the culture name of the language used in the string that it is qualifying.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="CultureName">
  <xs:restriction base="xs:string">
    <xs:pattern value="[a-zA-Z]{2,3}-[a-zA-Z0-9]{3,8}(-[a-zA-Z]{2,3})?|[a-zA-Z]{2,3}(-[a-zA-
Z]{2,3}(_tradnl|\.pseudo|-[a-zA-Z]{4,8})?)?"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.8 Version

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: OfficeApp, ContentApp, TaskPaneApp, MailApp

Specifies the version format for an **Office Add-in**.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="Version">
  <xs:restriction base="xs:string">
    <xs:pattern value="([0-9]{1,5})(\.[0-9]{1,5}){0,3}?"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.9 ST_RequestedWidth

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

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Referenced by: ContentAppSettings

Specifies the desired width in pixels for the initial content placeholder. This value MUST be between 32 and 1000 pixels.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_RequestedWidth">
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="32"/>
    <xs:maxInclusive value="1000"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.10 ST_RequestedHeight

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: ContentAppSettings

Specifies the desired height in pixels for the initial content placeholder. This value MUST be between 32 and 1000 pixels.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_RequestedHeight">
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="32"/>
    <xs:maxInclusive value="1000"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.11 ST_RequestedHeight1

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: DesktopMailAppSettings

Specifies the desired height, in pixels, of the display area for a **mail add-in** when running on a non-tablet device.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_RequestedHeight1">
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="32"/>
    <xs:maxInclusive value="450"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.3.12 ST_RequestedHeight2

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: TabletMailAppSettings

Specifies the desired height, in pixels, of the display area for a **mail add-in** when running on a tablet computer.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_RequestedHeight2">
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="32"/>
    <xs:maxInclusive value="450"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.13 ItemType

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: ItemIs

Specifies the different types of items that are used in rules specified by **ItemIs** elements (section 2.2.15).

Value	Meaning
Message	Specifies that the type of item is a mail message.
Appointment	Specifies that the type of item is an appointment.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ItemType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Message"/>
    <xs:enumeration value="Appointment"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.14 KnownEntityType

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: ItemHasKnownEntity

Specifies the type of a known entity that can be recognized and extracted from the item's subject and body, or that can be used in rules specified by **ItemHasKnownEntity** elements (section 2.2.16).

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Value	Meaning
MeetingSuggestion	Text that is identified by pattern recognition to reference an event or a meeting.
TaskSuggestion	Text that is identified by pattern recognition to contain an actionable phrase.
Address	Text that is identified by pattern recognition to reference a postal address in the United States.
Url	Text that is identified by pattern recognition to contain a file name or web address URL.
PhoneNumber	A series of digits that is identified by pattern recognition as a telephone number in North America.
EmailAddress	Text that is identified by pattern recognition to contain an SMTP format email address.
Contact	Text that is identified by pattern recognition to contain **contact** information.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="KnownEntityType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="MeetingSuggestion"/>
    <xs:enumeration value="TaskSuggestion"/>
    <xs:enumeration value="Address"/>
    <xs:enumeration value="Url"/>
    <xs:enumeration value="PhoneNumber"/>
    <xs:enumeration value="EmailAddress"/>
    <xs:enumeration value="Contact"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.15 PropertyName

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: ItemHasRegularExpressionMatch

Specifies property names that can be used with the **ItemHasRegularExpressionMatch** rule (section 2.2.17).

Value	Meaning
Subject	Evaluates the regular expression against the item subject.
BodyAsPlaintext	Evaluates the regular expression against the item body in plain text.
BodyAsHTML	Evaluates the regular expression against the item body if the body is available in **HTML**.
SenderSMTPAddress	Evaluates the regular expression against the SMTP address of the item sender.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

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```
<xs:simpleType name="PropertyName">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Subject"/>
    <xs:enumeration value="BodyAsPlaintext"/>
    <xs:enumeration value="BodyAsHTML"/>
    <xs:enumeration value="SenderSMTPAddress"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.16 LogicalOperator

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: RuleCollection

Specifies logical operators that allow combining multiple rules into a rule collection.

Value	Meaning
And	A binary logical operator that returns true if both operands are true; otherwise the operator returns false.
Or	A binary logical operator that returns true if one or both operands are true; otherwise the operator returns false.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="LogicalOperator">
  <xs:restriction base="xs:string">
    <xs:enumeration value="And"/>
    <xs:enumeration value="Or"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.17 ContentAppCapabilities

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: ContentAppCapability

Specifies one or more capabilities that are used to determine the host applications for a **content add-in**.

Value	Meaning
Workbook	This capability defines workbook functionality.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

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```
<xs:simpleType name="ContentAppCapabilities">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Workbook"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.18 ST_Permissions

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: ContentApp

Specifies the permission level required by a **content add-in**.

Value	Meaning
Restricted	Permission that applies to every content add-in, enables activation, and allows use of the Settings object API.
ReadDocument	Includes the **Restricted** permission, and also enables the content add-in to get data from the document.
WriteDocument	Includes the **Restricted** permission, and also enables the content add-in to set data in the document.
ReadWriteDocument	Includes the **ReadDocument** and **WriteDocument** permissions, and also enables the content add-in to use all write methods, manage bindings, and subscribe to events.
ReadAllDocument	Includes the **Restricted** and **ReadDocument** permission, and also enables the content add-in to obtain a copy of the entire document.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_Permissions">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Restricted"/>
    <xs:enumeration value="ReadDocument"/>
    <xs:enumeration value="WriteDocument"/>
    <xs:enumeration value="ReadWriteDocument"/>
    <xs:enumeration value="ReadAllDocument"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.19 TaskPaneAppCapabilities

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: TaskPaneAppCapability

Specifies one or more capabilities that are used to determine the host applications for a **task pane add-in**.

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Value	Meaning
Document	This capability defines document functionality.
Project	This capability defines project functionality.
Workbook	This capability defines workbook functionality.
Presentation	This capability defines presentation functionality.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="TaskPaneAppCapabilities">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Document"/>
    <xs:enumeration value="Project"/>
    <xs:enumeration value="Workbook"/>
    <xs:enumeration value="Presentation"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.20 ST_Permissions1

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: TaskPaneApp

Specifies the permission level required by a **task pane add-in**.

Value	Meaning
Restricted	Permission that applies to all task pane apps, enables activation, and allows use of the **Settings** object API.
ReadDocument	Includes the **Restricted** permission, and also enables the task pane add-in to get data from the document.
ReadAllDocument	Includes the **Restricted** and **ReadDocument** permissions, and also enables the task pane add-in to obtain a copy of the entire document.
WriteDocument	Includes the **Restricted** permission, and also enables the task pane add-in to set data in the document.
ReadWriteDocument	Includes the **ReadDocument**, **WriteDocument**, **ReadAllDocument** permissions, and also enables the task pane add-in to use all write methods, manage bindings, and subscribe to events.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_Permissions1">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Restricted"/>
```


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```
      <xs:enumeration value="ReadDocument"/>
      <xs:enumeration value="ReadAllDocument"/>
      <xs:enumeration value="WriteDocument"/>
      <xs:enumeration value="ReadWriteDocument"/>
    </xs:restriction>
  </xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.21 MailAppCapabilities

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: MailAppCapability

Specifies a capability that is used to determine the host applications for a **mail add-in**.

Value	Meaning
Mailbox	This capability represents the ability to access a mailbox.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="MailAppCapabilities">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Mailbox"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.22 ST_Permissions2

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.0

Referenced by: MailApp

Specifies the permission level required by a **mail add-in**.

Value	Meaning
Restricted	Permission that applies to all mail add-ins, enables the **ItemIs** (section 2.2.15) and **ItemHasKnownEntity** (section 2.2.16) activation rules, enables use of the **Settings** object API and a subset of the JavaScript API for Office.
ReadItem	Applies to the selected item, includes the **Restricted** permission, and also enables the mail add-in to use all the well-known entities and regular expression activation rules to read all properties and to write custom properties. Also allows access to the identity token.
ReadWriteMailbox	Includes the **ReadItem** permission and also enables the mail add-in to read and write to all properties of any item in the user's mailbox.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_Permissions2">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Restricted"/>
    <xs:enumeration value="ReadItem"/>
    <xs:enumeration value="ReadWriteMailbox"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.1 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.23 AlternateId

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: OfficeApp, ContentApp, TaskPaneApp, MailApp

Specifies an alternate identifier for the **Office Add-in**.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="AlternateId">
  <xs:restriction base="xs:string">
    <xs:pattern value=".{5,12}\\WA[0-9]{9}"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.24 CultureName

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: LocaleOverride, ShortLocaleOverride, LongLocaleOverride, URLLocaleOverride, OfficeApp, ContentApp, TargetDialects, TaskPaneApp, MailApp

Specifies the culture name of the language used in the string that it is qualifying.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="CultureName">
  <xs:restriction base="xs:string">
    <xs:pattern value="[a-zA-Z]{2,3}-[a-zA-Z0-9]{3,8}(-[a-zA-Z]{2,3})?|[a-zA-Z]{2,3}(-[a-zA-
Z]{2,3}(_tradnl|\.pseudo|-[a-zA-Z]{4,8})?)?"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.25 ItemFormType

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

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Referenced by: ItemIs

Defines the form type that a **mail add-in** SHOULD be activated in.

Value	Meaning
Read	Specifies that the mail add-in SHOULD activate in read forms.
Edit	Specifies that the mail add-in SHOULD activate in compose forms.
ReadOrEdit	Specifies that the mail add-in SHOULD activate in read and compose forms.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ItemFormType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Read"/>
    <xs:enumeration value="Edit"/>
    <xs:enumeration value="ReadOrEdit"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.26 ItemType

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ItemIs

Specifies the different types of items that are used in rules specified by **ItemIs** elements (section 2.2.46).

Value	Meaning
Message	Specifies that the type of item is a mail message.
Appointment	Specifies that the type of item is an appointment.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ItemType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Message"/>
    <xs:enumeration value="Appointment"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.3.27 KnownEntityType

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ItemHasKnownEntity

Specifies the type of a known entity that can be recognized and extracted from the item's subject and body, or that can be used in rules specified by **ItemHasKnownEntity** elements (section 2.2.44).

Value	Meaning
MeetingSuggestion	Text that is identified by pattern recognition to reference an event or a meeting.
TaskSuggestion	Text that is identified by pattern recognition to contain an actionable phrase.
Address	Text that is identified by pattern recognition to reference a postal address in the United States.
Url	Text that is identified by pattern recognition to contain a file name or web address URL.
PhoneNumber	A series of digits that is identified by pattern recognition as a telephone number in North America.
EmailAddress	Text that is identified by pattern recognition to contain an SMTP format email address.
Contact	Text that is identified by pattern recognition to contain **contact** information.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="KnownEntityType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="MeetingSuggestion"/>
    <xs:enumeration value="TaskSuggestion"/>
    <xs:enumeration value="Address"/>
    <xs:enumeration value="Url"/>
    <xs:enumeration value="PhoneNumber"/>
    <xs:enumeration value="EmailAddress"/>
    <xs:enumeration value="Contact"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.28 LogicalOperator

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: RuleCollection

Specifies logical operators that allow combining multiple rules into a rule collection.

Value	Meaning
And	A binary logical operator that returns true if both operands are true; otherwise the operator returns false.
Or	A binary logical operator that returns true if one or both operands are true; otherwise the operator returns false.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="LogicalOperator">
  <xs:restriction base="xs:string">
    <xs:enumeration value="And"/>
    <xs:enumeration value="Or"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.29 LongString

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: LongLocaleOverride, LongLocaleAwareSetting, AppDomains, Requirement

Specifies a string that MUST contain between 1 and 250 characters.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="LongString">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="250"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.30 NonEmptyString

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: LocaleOverride, LocaleAwareSetting, ItemIs, ItemHasKnownEntity, ItemHasRegularExpressionMatch

Specifies a string that MUST NOT be empty and can be unbounded.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="NonEmptyString">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.31 PropertyName

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

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Referenced by: ItemHasRegularExpressionMatch

Specifies property names that can be used with the **ItemHasRegularExpressionMatch** rule (section 2.2.45).

Value	Meaning
Subject	Evaluates the regular expression against the item subject.
BodyAsPlaintext	Evaluates the regular expression against the item body in plain text.
BodyAsHTML	Evaluates the regular expression against the item body if the body is available in **HTML**.
SenderSMTPAddress	Evaluates the regular expression against the SMTP address of the item sender.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="PropertyName">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Subject"/>
    <xs:enumeration value="BodyAsPlaintext"/>
    <xs:enumeration value="BodyAsHTML"/>
    <xs:enumeration value="SenderSMTPAddress"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.32 ShortString

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ShortLocaleOverride, ShortLocaleAwareSetting, OfficeApp, Host, VersionedRequirement, ContentApp, TaskPaneApp, MailApp

Specifies a string that MUST contain between 1 and 125 characters.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ShortString">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="125"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.33 ShortVersion

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: Sets, VersionedRequirement

Specifies the format for the **ShortVersion** type.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ShortVersion">
  <xs:restriction base="xs:string">
    <xs:pattern value="([0-9]{1,5})\.([0-9]{1,5})"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.34 ST_Permissions

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ContentApp

Specifies the permission level required by a **content add-in**.

Value	Meaning
Restricted	Permission that applies to every content add-in, enables activation, and allows use of the Settings object API.
ReadDocument	Includes the **Restricted** permission, and also enables the content add-in to get data from the document.
WriteDocument	Includes the **Restricted** permission, and also enables the content add-in to set data in the document.
ReadWriteDocument	Includes the **ReadDocument** and **WriteDocument** permissions, and also enables the content add-in to use all write methods, manage bindings, and subscribe to events.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_Permissions">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Restricted"/>
    <xs:enumeration value="ReadDocument"/>
    <xs:enumeration value="WriteDocument"/>
    <xs:enumeration value="ReadWriteDocument"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.35 ST_Permissions1

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: TaskPaneApp

Specifies the permission level required by a **task pane add-in**.

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Value	Meaning
Restricted	Permission that applies to all task pane apps: enables activation, and allows use of the **Settings** object API.
ReadDocument	Includes the **Restricted** permission, and also enables the task pane add-in to get data from the document.
ReadAllDocument	Includes the **Restricted** and **ReadDocument** permissions, and also enables the task pane add-in to obtain a copy of the entire document.
WriteDocument	Includes the **Restricted** permission, and also enables the task pane add-in to set data in the document.
ReadWriteDocument	Includes the **ReadDocument**, **WriteDocument**, **ReadAllDocument** permissions, and also enables the task pane add-in to use all write methods, manage bindings, and subscribe to events.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_Permissions1">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Restricted"/>
    <xs:enumeration value="ReadDocument"/>
    <xs:enumeration value="ReadAllDocument"/>
    <xs:enumeration value="WriteDocument"/>
    <xs:enumeration value="ReadWriteDocument"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.36 ST_Permissions2

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: MailApp

Specifies the permission level required by a **mail add-in**.

Value	Meaning
Restricted	Permission that applies to all mail add-ins: enables the **ItemIs** (section 2.2.46) and **ItemHasKnownEntity** (section 2.2.44) activation rules, and enables use of the **Settings** object API and a subset of the JavaScript API for Office.
ReadItem	Applies to the selected item, includes the **Restricted** permission, and also enables the mail add-in to use all the well-known entities and regular expression activation rules to read all properties and to write custom properties. Also allows access to the identity token.
ReadWriteItem	Applies to the selected item and includes the **ReadItem** permission and enables the mail add-in to use all the well-known entities and regular expression activation rules, to read all properties, to write properties in compose forms, and to write custom properties.
ReadWriteMailbox	Includes the **ReadWriteItem** permission and also enables the mail add-in to read and write to all properties of any item in the user's mailbox.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_Permissions2">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Restricted"/>
    <xs:enumeration value="ReadItem"/>
    <xs:enumeration value="ReadWriteItem"/>
    <xs:enumeration value="ReadWriteMailbox"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.37 ST_RequestedHeight

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ContentAppSettings

Specifies the desired height in pixels for the initial content placeholder. This value MUST be between 32 and 1000 pixels.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_RequestedHeight">
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="32"/>
    <xs:maxInclusive value="1000"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.38 ST_RequestedHeight1

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ItemReadDesktopMailAppSettings

Specifies the desired height, in pixels, of the display area for a **mail add-in** when running on a non-tablet device. This value MUST be between 32 and 450 pixels.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_RequestedHeight1">
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="32"/>
    <xs:maxInclusive value="450"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.3.39 ST_RequestedHeight2

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ItemReadTabletMailAppSettings

Specifies the desired height, in pixels, of the display area for a **mail add-in** when running on a tablet computer. This value MUST be between 32 and 450 pixels.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_RequestedHeight2">
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="32"/>
    <xs:maxInclusive value="450"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.40 ST_RequestedWidth

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: ContentAppSettings

Specifies the desired width in pixels for the initial content placeholder. This value MUST be between 32 and 1000 pixels.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_RequestedWidth">
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="32"/>
    <xs:maxInclusive value="1000"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.41 URL

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: URLLocaleOverride, URLLocaleAwareSetting, ExtendedOverrides

Specifies a string that holds a **Uniform Resource Locator (URL)** and that MUST contain between 1 and 2048 characters.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="URL">
  <xs:restriction base="xs:anyURI">
    <xs:minLength value="1"/>
    <xs:maxLength value="2048"/>
```


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```
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.42 UUID

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: OfficeApp, ContentApp, TaskPaneApp, MailApp

Specifies the supported representations of a **Uniform Resource Name (URN)**, **universally unique identifier (UUID)**, or **GUID**.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="UUID">
  <xs:restriction base="xs:string">
    <xs:pattern value="(urn:uuid:)?[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-
F]{4}-[0-9a-fA-F]{12}|\{[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-
F]{12}\}"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.43 Version

Target namespace: http://schemas.microsoft.com/office/appforoffice/1.1

Referenced by: OfficeApp, ContentApp, TaskPaneApp, MailApp

Specifies the version format for an **Office Add-in**.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="Version">
  <xs:restriction base="xs:string">
    <xs:pattern value="([0-9]{1,5})(\.[0-9]{1,5}){0,3}?"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.2 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.44 AlternateId

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Defines an alternate ID type as defined by the Office Store.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="AlternateId">
```


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```
    <xs:restriction base="xs:string">
      <xs:pattern value=".{5,12}\\WA[0-9]{9}"/>
    </xs:restriction>
  </xs:simpleType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.45 CultureName

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: ShortLocaleOverride, LongLocaleOverride, URLLocaleOverride

Represents the culture name of the language used in the string that it is qualifying.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="CultureName">
  <xs:restriction base="xs:string">
    <xs:pattern value="[a-zA-Z]{2,3}-[a-zA-Z0-9]{3,8}(-[a-zA-Z]{2,3})?|[a-zA-Z]{2,3}(-[a-zA-
Z]{2,3}(_tradnl|\.pseudo|-[a-zA-Z]{4,8})?)?"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.46 EventFunctionExecutionType

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: Event

Defines acceptable values for the **FunctionExecution** attribute for event extension points.

Value	Meaning
synchronous	This setting will block the user action that raised the event and execute the function. Developer's code can decide whether the user action proceeds or is cancelled.
asynchronous	This setting will not block the action that raised the event and the function will be executed asynchronously.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="EventFunctionExecutionType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="synchronous"/>
    <xs:enumeration value="asynchronous"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.3.47 ImageReferenceId

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: ImageLocaleAwareSettingWithId

Defines a subclass of **ReferenceId** that identifies an image resource.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ImageReferenceId">
  <xs:restriction base="ReferenceId"/>
</xs:simpleType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.48 LogicalOperator

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: RuleCollection

Defines logical operators that allow combining multiple rules into a rule collection.

Value	Meaning
And	The binary logical operator that returns true if both operands are true, and returns false otherwise.
Or	The binary logical operator that returns true if one or both operands are true, and returns false otherwise.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="LogicalOperator">
  <xs:restriction base="xs:string">
    <xs:enumeration value="And"/>
    <xs:enumeration value="Or"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.49 LongReferenceId

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: LongLocaleAwareSettingWithId

Defines a subclass of **ReferenceId** that identifies a long string resource.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

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```
<xs:simpleType name="LongReferenceId">
  <xs:restriction base="ReferenceId"/>
</xs:simpleType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.50 LongString

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: LongLocaleOverride, LongLocaleAwareSettingWithId, Event, ExecuteFunction, LaunchEventDefinition, WebApplicationScopes, WebApplicationInfo, EquivalentAddin, ExtendedPermissions, ConnectedServiceControlsScopes, Event, ExecuteFunction, ExecuteFunction, LaunchEventDefinition, WebApplicationScopes, WebApplicationInfo, EquivalentAddin, WebApplicationScopes, WebApplicationInfo

Defines a string that contains between 1 and 250 characters.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="LongString">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="250"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.51 NonEmptyString

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: ItemIs, ItemHasKnownEntity, ItemHasRegularExpressionMatch, ItemIs, ItemHasKnownEntity, ItemHasRegularExpressionMatch

Defines a string that cannot be empty and can be unbounded.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="NonEmptyString">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.52 PropertyName

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: ItemHasRegularExpressionMatch

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Defines property names that can be used with the "ItemHasRegularExpressionMatch" rule.

Value	Meaning
Subject	Evaluates the regular expression against the item subject.
BodyAsPlaintext	Evaluates the regular expression against the item body in plain text.
BodyAsHTML	Evaluates the regular expression against the item body if the body is available in HTML.
SenderSMTPAddress	Evaluates the regular expression against the SMTP address of the item sender.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="PropertyName">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Subject"/>
    <xs:enumeration value="BodyAsPlaintext"/>
    <xs:enumeration value="BodyAsHTML"/>
    <xs:enumeration value="SenderSMTPAddress"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.53 ReferenceId

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: ImageLocaleAwareSettingWithId, URLLocaleAwareSettingWithId, ShortLocaleAwareSettingWithId, LongLocaleAwareSettingWithId, ResourceReference, ImageResourceReference, MobileImageResourceReference, URLResourceReference, ShortResourceReference, LongResourceReference

Defines a string to be used as the reference id for images and strings.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ReferenceId">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="32"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.54 ShortReferenceId

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: ShortLocaleAwareSettingWithId

Defines a subclass of **ReferenceId** that identifies a short string resource.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ShortReferenceId">
  <xs:restriction base="ReferenceId"/>
</xs:simpleType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.55 ShortString

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: ShortLocaleOverride, ShortLocaleAwareSettingWithId, VersionedRequirement, Event, Rule, ItemIs, ItemHasKnownEntity, ItemHasRegularExpressionMatch, ItemHasAttachment, RuleCollection, UIControl, MobileUIControl, UIControlWithIcon, MobileUIControlWithIcon, UIControlWithOptionalIcon, Button, MobileButton, MenuItem, Menu, Group, Tab, OfficeTab, CustomTab, MobileGroup, LaunchEventDefinition, RuntimeOverride, Runtime, EquivalentAddin, Event, ItemHasKnownEntity, UIControl, UIControlWithIcon, UIControlWithOptionalIcon, Button, MenuItem, Menu, Group, Tab, OfficeTab, CustomTab, ShowTaskpane, UIControl, UIControlWithIcon, UIControlWithOptionalIcon, Button, MenuItem, Menu, Group, OfficeControl, Tab, OfficeMenu, OfficeTab, CustomTab, OfficeGroup, LaunchEventDefinition, RuntimeOverride, Runtime, EquivalentAddin, Token, RequirementsTokenOverride, RequirementsToken, LocaleTokenOverride, LocaleToken

Defines a string that contains between 1 and 125 characters.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ShortString">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="125"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.56 ShortVersion

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: VersionedRequirement, Sets, Methods

Defines the format for the Short Version element.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ShortVersion">
  <xs:restriction base="xs:string">
    <xs:pattern value="([0-9]{1,5})\.([0-9]{1,5})"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.3.57 ST_RequestedHeight

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides

Referenced by: CustomPane

The height that the add-in requests to be used when displaying it.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_RequestedHeight">
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="32"/>
    <xs:maxInclusive value="450"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.4 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.58 URL

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: URLLocaleOverride, ImageLocaleAwareSettingWithId, URLLocaleAwareSettingWithId

Defines a string that holds a Uniform Resource Locator and that contains between 1 and 2048 characters.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="URL">
  <xs:restriction base="xs:anyURI">
    <xs:minLength value="1"/>
    <xs:maxLength value="2048"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.59 URLReferenceId

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: URLLocaleAwareSettingWithId

Defines a subclass of **ReferenceId** that identifies a URL string resource.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="URLReferenceId">
  <xs:restriction base="ReferenceId"/>
</xs:simpleType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.3.60 UUID

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Referenced by: WebApplicationInfo, WebApplicationInfo, WebApplicationInfo

The supported representations of a URN UUID or GUID.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="UUID">
  <xs:restriction base="xs:string">
    <xs:pattern value="(urn:uuid:)?[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-
F]{4}-[0-9a-fA-F]{12}|\{[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-
F]{12}\}"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.61 Version

Target namespace: http://schemas.microsoft.com/office/officeappbasictypes/1.0

Defines the format for the Version element.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="Version">
  <xs:restriction base="xs:string">
    <xs:pattern value="([0-9]{1,5})(\.[0-9]{1,5}){0,3}?"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.6 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.62 EventFunctionExecutionType

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: Event

Defines acceptable values for the FunctionExecution attribute for event extension points.

Value	Meaning
synchronous	This setting will block the user action that raised the event and execute the function. Developer's code can decide whether the user action proceeds or is cancelled.
asynchronous	This setting will not block the action that raised the event and the function will be executed asynchronously.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

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```
<xs:simpleType name="EventFunctionExecutionType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="synchronous"/>
    <xs:enumeration value="asynchronous"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.63 LogicalOperator

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: RuleCollection

Defines logical operators that allow combining multiple rules into a rule collection.

Value	Meaning
And	The binary logical operator that returns true if both operands are true, and returns false otherwise.
Or	The binary logical operator that returns true if one or both operands are true, and returns false otherwise.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="LogicalOperator">
  <xs:restriction base="xs:string">
    <xs:enumeration value="And"/>
    <xs:enumeration value="Or"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.64 PropertyName

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: ItemHasRegularExpressionMatch

Defines property names that can be used with the "ItemHasRegularExpressionMatch" rule.

Value	Meaning
Subject	Evaluates the regular expression against the item subject.
BodyAsPlaintext	Evaluates the regular expression against the item body in plain text.
BodyAsHTML	Evaluates the regular expression against the item body if the body is available in HTML.
SenderSMTPAddress	Evaluates the regular expression against the SMTP address of the item sender.

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The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="PropertyName">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Subject"/>
    <xs:enumeration value="BodyAsPlaintext"/>
    <xs:enumeration value="BodyAsHTML"/>
    <xs:enumeration value="SenderSMTPAddress"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.65 ST_RequestedHeight

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: CustomPane

Specifies the desired height, in pixels, of a **mail add-in** pane when running on a desktop computer. This value MUST be between 32 and 450.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_RequestedHeight">
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="32"/>
    <xs:maxInclusive value="450"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.66 ST_RequestedHeight1

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: DetectedEntity

Specifies the desired height, in pixels on 72dpi displays, of a mail app when running on a desktop computer. This value MUST be between 140 and 450. The default value for this attribute MUST be 350.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ST_RequestedHeight1">
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="140"/>
    <xs:maxInclusive value="450"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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2.3.67 LaunchEventSendMode

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: LaunchEventDefinition

Defines acceptable values for the SendMode attribute on send events of the LaunchEvent extension point.<15>

Value	Meaning
PromptUser	This setting allows the user to also control sending. The user can bypass the add-in as it's running, in case of an error, or if it is unavailable.
SoftBlock	This is the default setting. This setting allows only the add-in to control sending. The add-in gets to decide what to do in case of an error, and the email will be sent if the add-in is unavailable.
Block	This setting blocks sending if there's an add-in error, or if it is unavailable.

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="LaunchEventSendMode">
  <xs:restriction base="xs:string">
    <xs:enumeration value="PromptUser"/>
    <xs:enumeration value="SoftBlock"/>
    <xs:enumeration value="Block"/>
  </xs:restriction>
</xs:simpleType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

2.3.68 ReportOptionsInputType

Target namespace: http://schemas.microsoft.com/office/mailappversionoverrides/1.1

Referenced by: CT_ReportingOptions

Defines acceptable values for the inputType attribute on the ReportingOptions element in the PreProcessingDialog.

Value	Meaning
Checkbox	Use checkboxes in the ReportingOptions group
Radio	Use radio buttons in the ReportingOptions group

The following W3C XML Schema ([XMLSCHEMA1/2] section 2.1) fragment specifies the contents of this simple type.

```
<xs:simpleType name="ReportOptionsInputType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Checkbox"/>
    <xs:enumeration value="Radio"/>
  </xs:restriction>
```


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```
</xs:simpleType>
```

See section 5.5 for the full W3C XML Schema ([XMLSCHEMA1/2] section 2.1).

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3 Structure Examples

There are three main types of **Office Add-ins** as defined in section 2.2.24, section 2.2.29 and section 2.2.32. In addition, the **TaskPaneApp** (section 2.2.29) complex type includes additional elements to enable the implementer to support **dictionary** functionality. The three types and the dictionary sub-type are shown in the following examples.

3.1 Content App

The following XML is a sample **manifest** for a **content add-in**.

```
<?xml version="1.0" encoding="utf-8"?>
<OfficeApp xmlns="http://schemas.microsoft.com/office/appforoffice/1.0"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:ver="http://schemas.microsoft.com/office/appforoffice/1.0"
    xsi:type="ContentApp">
  <Id>df5b5660-84ce-11e1-b0c4-0800200c9a66</Id>
  <AlternateId>en-US\WA123456789</AlternateId>
  <Version>1.0.0.0</Version>
  <ProviderName>Microsoft</ProviderName>
  <DefaultLocale>en-US.pseudo</DefaultLocale>
  <DisplayName DefaultValue="AuthentiMOE" />
  <Description DefaultValue="Authenticates to various services" />
  <IconUrl DefaultValue="http://www.contoso.com/Bonsai1.png" />
  <Capabilities>
    <Capability Name="Workbook" />
  </Capabilities>
  <DefaultSettings>
    <SourceLocation DefaultValue="http://www.contoso.com/AuthentiMoe.html" />
    <RequestedWidth>400</RequestedWidth>
    <RequestedHeight>400</RequestedHeight>
  </DefaultSettings>
  <Permissions>Restricted</Permissions>
  <AllowSnapshot>true</AllowSnapshot>
</OfficeApp>
```

3.2 Task Pane

The following XML is a sample **manifest** for a **task pane add-in**.

```
<?xml version="1.0" encoding="utf-8"?>
<OfficeApp xmlns="http://schemas.microsoft.com/office/appforoffice/1.0"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:ver="http://schemas.microsoft.com/office/appforoffice/1.0"
    xsi:type="TaskPaneApp">
  <Id>urn:uuid:ff3a1120-87ed-11e1-b0c4-0800200c9a66</Id>
  <AlternateId>en-us\WA123456789</AlternateId>
  <Version>1.0</Version>
  <ProviderName>Microsoft</ProviderName>
  <DefaultLocale>ar-SA</DefaultLocale>
  <DisplayName DefaultValue="المشروع التطبيق">
    <Override Value="Project App" Locale="en-US">
    </Override>
  </DisplayName>
  <Description DefaultValue="وثائق للمشروع إدارة المعلومات فيضي">
    <Override Value="Adds project management information to documents" Locale="en-US">
    </Override>
  </Description>
  <IconUrl DefaultValue="http://www.contoso.com.sa/ProjectApp/TopProjectas-SA.png">
    <Override Value="http://www.contoso.com/ProjectApp/TopProjecten-US.png" Locale="en-US">
    </Override>
```


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```
  </IconUrl>
  <AppDomains>
    <AppDomain>www.contoso.com</AppDomain>
    <AppDomain>m.contoso.com</AppDomain>
    <AppDomain>www.contoso.com.sa</AppDomain>
    <AppDomain>m.contoso.com.sa</AppDomain>
  </AppDomains>
  <Capabilities>
    <Capability Name="Workbook">
    </Capability>
    <Capability Name="Document">
    </Capability>
    <Capability Name="Project">
    </Capability>
  </Capabilities>
  <DefaultSettings>
    <SourceLocation
DefaultValue="http://www.contoso.com.sa/ProjectApp/ProjectiMoear_SA.html">
      <Override Value="http://www.contoso.com/ProjectApp/ProjectiMoeen-US.html" Locale="en-
US">
      </Override>
    </SourceLocation>
  </DefaultSettings>
  <Permissions>ReadDocument</Permissions>
  <Dictionary>
    <TargetDialects>
      <TargetDialect>fr-FR</TargetDialect>
      <TargetDialect>en-US</TargetDialect>
      <TargetDialect>jp-JP</TargetDialect>
    </TargetDialects>
    <QueryUri DefaultValue="http://www.webserviceurl.fr">
    </QueryUri>
    <CitationText DefaultValue="1234 Citation Text">
    </CitationText>
    <DictionaryName DefaultValue="The Best Dictionary">
    </DictionaryName>
    <DictionaryHomePage DefaultValue="www.contoso.com">
    </DictionaryHomePage>
  </Dictionary>
</OfficeApp>
```

3.3 Task Pane with Dictionary Functionality

The following XML is a sample **manifest** for a **task pane add-in** that provides **dictionary** support.

```
<?xml version="1.0" encoding="utf-8"?>
<OfficeApp xmlns="http://schemas.microsoft.com/office/appforoffice/1.0"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:type="TaskPaneApp">
  <Id>7a1c2dcb-72a3-4b95-85b6-cdbc44e4a711</Id>
  <AlternateId>en-us\WA123456789</AlternateId>
  <Version>1.0.0.0</Version>
  <ProviderName>STANDS4_ENGLISH</ProviderName>
  <DefaultLocale>en-US</DefaultLocale>
  <DisplayName DefaultValue="English Dictionary">
  </DisplayName>
  <Description DefaultValue="The STANDS4 English dictionary is a comprehensive unilingual
dictionary that contains thousands of popular definitions along with pronunciations and
example usage in the English language">
  </Description>
  <IconUrl DefaultValue="http://www.contoso.com/favicon.ico">
  </IconUrl>
  <Capabilities>
    <Capability Name="Document">
    </Capability>
  </Capabilities>
```


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```
  <DefaultSettings>
    <SourceLocation DefaultValue="http://www.contoso.com/dictionaries/index.php?lang=en">
    </SourceLocation>
  </DefaultSettings>
  <Permissions>ReadDocument</Permissions>
  <Dictionary>
    <TargetDialects>
      <TargetDialect>en-AU</TargetDialect>
      <TargetDialect>en-BZ</TargetDialect>
      <TargetDialect>en-CA</TargetDialect>
      <TargetDialect>en-HK</TargetDialect>
      <TargetDialect>en-IN</TargetDialect>
      <TargetDialect>en-ID</TargetDialect>
      <TargetDialect>en-IE</TargetDialect>
      <TargetDialect>en-JM</TargetDialect>
      <TargetDialect>en-MY</TargetDialect>
      <TargetDialect>en-NZ</TargetDialect>
      <TargetDialect>en-PH</TargetDialect>
      <TargetDialect>en-SG</TargetDialect>
      <TargetDialect>en-ZA</TargetDialect>
      <TargetDialect>en-TT</TargetDialect>
      <TargetDialect>en-GB</TargetDialect>
      <TargetDialect>en-US</TargetDialect>
      <TargetDialect>en-ZW</TargetDialect>
    </TargetDialects>
    <QueryUri DefaultValue="http://www.contoso.com/queries/defs.php?lang=en&amp;word=">
    </QueryUri>
    <CitationText DefaultValue="Definitions by: ">
    </CitationText>
    <DictionaryName DefaultValue="contoso.com">
    </DictionaryName>
    <DictionaryHomePage DefaultValue="http://www.contoso.com/">
    </DictionaryHomePage>
  </Dictionary>
</OfficeApp>
```

3.4 Mail App

The following XML is a sample **manifest** for a **mail add-in**.

```
<?xml version="1.0" encoding="utf-8"?>
<OfficeApp xmlns="http://schemas.microsoft.com/office/appforoffice/1.0"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:type="MailApp">
  <Id>FA55E9EA-52A4-4198-B23A-F106E223AB63</Id>
  <AlternateId>en-us\WA111111111</AlternateId>
  <Version>1.0.75</Version>
  <ProviderName>Microsoft</ProviderName>
  <DefaultLocale>en-US</DefaultLocale>
  <DisplayName DefaultValue="Lync Dialer">
    <Override Locale="en-US" Value="Lync Dialer"/>
  </DisplayName>
  <Description DefaultValue="Use this web extension to dial phone numbers using Lync." />
  <Capabilities>
    <Capability Name="Mailbox"/>
  </Capabilities>
  <DesktopSettings>
    <SourceLocation DefaultValue="https://www.contoso.com/dialer/dtdialer.htm" />
    <RequestedHeight>250</RequestedHeight>
  </DesktopSettings>
  <TabletSettings>
    <SourceLocation DefaultValue="https://www.contoso.com/dialer/tdialer.htm" />
    <RequestedHeight>150</RequestedHeight>
  </TabletSettings>
  <PhoneSettings>
    <SourceLocation DefaultValue="https://www.contoso.com/dialer/pdialer.htm" />
  </PhoneSettings>
```


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```
  <Permissions>ReadItem</Permissions>
  <Rule xsi:type="RuleCollection" Mode="And">
    <Rule xsi:type="ItemHasRegularExpressionMatch" RegExName="reg1" RegExValue="((\(\d{3}\)
?)|(\d{3}-))?\d{3}-\d{4}" PropertyName="BodyAsPlaintext"/>
    <Rule xsi:type="ItemIs" ItemType="Message"/>
  </Rule>
  <DisableEntityHighlighting>false</DisableEntityHighlighting>
</OfficeApp>
```

3.5 Mail App with Version Overrides

The following XML is a sample **mail add-in** with Version Overrides.

```
<?xml version="1.0" encoding="UTF-8"?>
<OfficeApp
  xmlns="http://schemas.microsoft.com/office/appforoffice/1.1"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:bt="http://schemas.microsoft.com/office/officeappbasictypes/1.0"
  xmlns:mailappor="http://schemas.microsoft.com/office/mailappversionoverrides"
  xsi:type="MailApp">
  <Id>{997062B1-1AF3-48BC-8AE3-BB25CAB9D4CA}</Id>
  <Version>1.0</Version>
  <ProviderName>Microsoft</ProviderName>
  <DefaultLocale>en-us</DefaultLocale>
  <DisplayName DefaultValue="Add-In Commands Full Sample"></DisplayName>
  <Description DefaultValue="Sample add-in that showcases different command actions">
   </Description>
  <IconUrl DefaultValue="https://contoso.com/icons/addin.png" >
  </IconUrl>
  <HighResolutionIconUrl DefaultValue="https://contoso.com/icons/addinHighres.png" >
  </HighResolutionIconUrl>
  <Requirements>
    <Sets DefaultMinVersion="1.1">
      <Set Name="Mailbox" />
    </Sets>
  </Requirements>
  <FormSettings>
    <Form xsi:type="ItemRead">
      <DesktopSettings>
        <SourceLocation DefaultValue="https://contoso.comm/pageRead.html" >
        </SourceLocation>
        <RequestedHeight>150</RequestedHeight>
      </DesktopSettings>
    </Form>
    <Form xsi:type="ItemEdit">
      <DesktopSettings>
        <SourceLocation DefaultValue="https://contoso.com/page.html" >
        </SourceLocation>
      </DesktopSettings>
    </Form>
  </FormSettings>
  <Permissions>ReadWriteItem</Permissions>
  <Rule xsi:type="RuleCollection" Mode="Or">
    <Rule xsi:type="ItemIs" ItemType="Message" FormType="Edit" />
    <Rule xsi:type="ItemIs" ItemType="Appointment" FormType="Edit" />
  </Rule>
  <DisableEntityHighlighting>true</DisableEntityHighlighting>
<VersionOverrides xmlns="http://schemas.microsoft.com/office/mailappversionoverrides"
xsi:type="VersionOverridesV1_0">
  <Description resid="residDescription" />
  <Requirements>
    <bt:Sets DefaultMinVersion="1.3">
      <bt:Set Name="Mailbox" />
    </bt:Sets>
  </Requirements>
  <Hosts>
```


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```
    <Host xsi:type="MailHost">
      <DesktopFormFactor>
        <FunctionFile resid="residDesktopFuncUrl" />
        <ExtensionPoint xsi:type="MessageReadCommandSurface">
          <OfficeTab id="TabDefault">
            <Group id="msgreadTabMessage.grp1">
              <Label resid="groupLabel" />
              <Tooltip resid="residTipDescription" />
              <Control xsi:type="Button" id="button1id">
                <Label resid="residUILessButton" />
                <Tooltip resid="residTipDescription" />
                <Supertip>
                  <Title resid="residTipTitle" />
                  <Description resid="residTipDescription" />
                </Supertip>
                <Icon>
                  <bt:Image size="16" resid="functionIcon" />
                  <bt:Image size="32" resid="functionIcon" />
                  <bt:Image size="80" resid="functionIcon" />
                </Icon>
                    <Action xsi:type="ExecuteFunction">
                      <FunctionName>uiLessFunction</FunctionName>
                    </Action>
              </Control>
              <Control xsi:type="Button" id="button2id">
                <Label resid="residTaskpaneButton" />
                <Tooltip resid="residTipDescription" />
                <Supertip>
                  <Title resid="residTipTitle" />
                  <Description resid="residTipDescription" />
                </Supertip>
                <Icon>
                  <bt:Image size="16" resid="taskpaneIcon" />
                  <bt:Image size="32" resid="taskpaneIcon" />
                  <bt:Image size="80" resid="taskpaneIcon" />
                </Icon>
                <Action xsi:type="ShowTaskpane">
                  <SourceLocation resid="residTaskpaneUrl" />
                </Action>
              </Control>
              <Control xsi:type="Button" id="button3id">
                <Label resid="residAPIButton" />
                <Tooltip resid="residTipDescription" />
                <Supertip>
                  <Title resid="residTipTitle" />
                  <Description resid="residTipDescription" />
                </Supertip>
                <Icon>
                  <bt:Image size="16" resid="apiIcon" />
                  <bt:Image size="32" resid="apiIcon" />
                  <bt:Image size="80" resid="apiIcon" />
                </Icon>
                <Action xsi:type="ShowTaskpane">
                  <SourceLocation resid="residAgaveAPIUrl" />
                </Action>
              </Control>
            </Group>
          </OfficeTab>
        </ExtensionPoint>
      </DesktopFormFactor>
    </Host>
  </Hosts>

  <Resources>
    <bt:Images>
      <bt:Image id="apiIcon" DefaultValue="http://contoso.com/aapi.png" ></bt:Image>
      <bt:Image id="functionIcon" DefaultValue="http://contoso.com/function.png" ></bt:Image>
      <bt:Image id="taskpaneIcon" DefaultValue="http://contoso.com/taskpane.png"></bt:Image>
    </bt:Images>
```


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```
    <bt:Urls>
      <bt:Url id="residDesktopFuncUrl" DefaultValue="https://contoso.com/indexUILess.html"
></bt:Url>
      <bt:Url id="residTaskpaneUrl" DefaultValue="https://contoso.com/indexTaskpane.html"
></bt:Url>
  <bt:Url id="residAgaveAPIUrl" DefaultValue="https://contoso.com/AgaveAPIs.html"></bt:Url>
    </bt:Urls>
    <bt:ShortStrings>
      <bt:String id="groupLabel" DefaultValue="Sample Add-In Group"></bt:String>
      <bt:String id="residUILessButton" DefaultValue="Execute Function"></bt:String>
      <bt:String id="residTaskpaneButton" DefaultValue="Show Taskpane"></bt:String>
      <bt:String id="residAPIButton" DefaultValue="Show API Playground"></bt:String>
      <bt:String id="residTipTitle" DefaultValue="SuperTip Title"></bt:String>
    </bt:ShortStrings>
    <bt:LongStrings>
      <bt:String id="residDescription" DefaultValue="Testing App For  Commands"></bt:String>
      <bt:String id="groupTooltip" DefaultValue="Test App With both a UILess and Taskpane
Command"></bt:String>
      <bt:String id="residDescription" DefaultValue="Run Test App"></bt:String>
      <bt:String id="residTipDescription" DefaultValue="SuperTip Title"></bt:String>
    </bt:LongStrings>
  </Resources>
</VersionOverrides>
</OfficeApp>
```


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4 Security

4.1 Security Considerations for Implementers

None.

4.2 Index of Security Fields

None.

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5 Appendix A: Full XML Schema

For ease of implementation, the following sections provide the full XML schema for this protocol.

Schema name	Prefix	Section
Office Web Extensions, version 1.0	ver	section 5.1
Office Web Extensions, version 1.1		section 5.2
http://schemas.microsoft.com/office/contentappversionoverrides Schema	contentor	section 5.3
http://schemas.microsoft.com/office/mailappversionoverrides Schema	mailor	section 5.4
http://schemas.microsoft.com/office/mailappversionoverrides/1.1 Schema	mailor1_1	section 5.5
http://schemas.microsoft.com/office/officeappbasictypes/1.0 Schema	bt	section 5.6
http://schemas.microsoft.com/office/taskpaneappversionoverrides Schema	taskpanor	section 5.7

5.1 http://schemas.microsoft.com/office/appforoffice/1.0 Schema

```
<xs:schema id="OfficeAppManifest" elementFormDefault="qualified" version="1.0"
targetNamespace="http://schemas.microsoft.com/office/appforoffice/1.0"
xmlns="http://schemas.microsoft.com/office/appforoffice/1.0"
xmlns:ver="http://schemas.microsoft.com/office/appforoffice/1.0"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="NonEmptyString">
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="ShortString">
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="125"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="LongString">
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="250"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="URL">
    <xs:restriction base="xs:anyURI">
      <xs:minLength value="1"/>
      <xs:maxLength value="2048"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="LocaleOverride">
    <xs:attribute name="Locale" type="CultureName" use="required"/>
    <xs:attribute name="Value" type="NonEmptyString" use="required"/>
  </xs:complexType>
  <xs:complexType name="ShortLocaleOverride">
    <xs:attribute name="Locale" type="CultureName" use="required"/>
    <xs:attribute name="Value" type="ShortString" use="required"/>
  </xs:complexType>
```


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```
  <xs:complexType name="LongLocaleOverride">
    <xs:attribute name="Locale" type="CultureName" use="required"/>
    <xs:attribute name="Value" type="LongString" use="required"/>
  </xs:complexType>
  <xs:complexType name="URLLocaleOverride">
    <xs:attribute name="Locale" type="CultureName" use="required"/>
    <xs:attribute name="Value" type="URL" use="required"/>
  </xs:complexType>
  <xs:complexType name="LocaleAwareSetting">
    <xs:sequence>
      <xs:element name="Override" type="LocaleOverride" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="DefaultValue" type="NonEmptyString" use="required"/>
  </xs:complexType>
  <xs:complexType name="ShortLocaleAwareSetting">
    <xs:sequence>
      <xs:element name="Override" type="ShortLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="DefaultValue" type="ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="LongLocaleAwareSetting">
    <xs:sequence>
      <xs:element name="Override" type="LongLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="DefaultValue" type="LongString" use="required"/>
  </xs:complexType>
  <xs:complexType name="URLLocaleAwareSetting">
    <xs:sequence>
      <xs:element name="Override" type="URLLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="DefaultValue" type="URL" use="required"/>
  </xs:complexType>
  <xs:simpleType name="UUID">
    <xs:restriction base="xs:string">
      <xs:pattern value="(urn:uuid:)?[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-
F]{4}-[0-9a-fA-F]{12}|\{[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-
F]{12}\}"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="AlternateId">
    <xs:restriction base="xs:string">
      <xs:pattern value=".{5,12}\\WA[0-9]{9}"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="CultureName">
    <xs:restriction base="xs:string">
      <xs:pattern value="[a-zA-Z]{2,3}-[a-zA-Z0-9]{3,8}(-[a-zA-Z]{2,3})?|[a-zA-Z]{2,3}(-[a-
zA-Z]{2,3}(_tradnl|\.pseudo|-[a-zA-Z]{4,8})?)?"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="Version">
    <xs:restriction base="xs:string">
      <xs:pattern value="([0-9]{1,5})(\.[0-9]{1,5}){0,3}?"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="ST_RequestedWidth">
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="32"/>
      <xs:maxInclusive value="1000"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="ST_RequestedHeight">
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="32"/>
      <xs:maxInclusive value="1000"/>
    </xs:restriction>
```


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```
  </xs:simpleType>
  <xs:complexType name="ContentAppSettings">
    <xs:sequence>
      <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="RequestedWidth" minOccurs="0" maxOccurs="1"
type="ver:ST_RequestedWidth"/>
      <xs:element name="RequestedHeight" minOccurs="0" maxOccurs="1"
type="ver:ST_RequestedHeight"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="TaskPaneAppSettings">
    <xs:sequence>
      <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:simpleType name="ST_RequestedHeight1">
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="32"/>
      <xs:maxInclusive value="450"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="DesktopMailAppSettings">
    <xs:sequence>
      <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="RequestedHeight" minOccurs="1" maxOccurs="1"
type="ver:ST RequestedHeight1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:simpleType name="ST_RequestedHeight2">
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="32"/>
      <xs:maxInclusive value="450"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="TabletMailAppSettings">
    <xs:sequence>
      <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="RequestedHeight" minOccurs="1" maxOccurs="1"
type="ver:ST_RequestedHeight2"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="PhoneMailAppSettings">
    <xs:sequence>
      <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Rule" abstract="true"/>
  <xs:complexType name="ItemIs">
    <xs:complexContent>
      <xs:extension base="Rule">
        <xs:attribute name="ItemType" type="ItemType" use="required"/>
        <xs:attribute name="ItemClass" type="NonEmptyString" use="optional"/>
        <xs:attribute name="IncludeSubClasses" type="xs:boolean" use="optional"/>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:simpleType name="ItemType">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Message"/>
      <xs:enumeration value="Appointment"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="KnownEntityType">
    <xs:restriction base="xs:string">
```


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```
      <xs:enumeration value="MeetingSuggestion"/>
      <xs:enumeration value="TaskSuggestion"/>
      <xs:enumeration value="Address"/>
      <xs:enumeration value="Url"/>
      <xs:enumeration value="PhoneNumber"/>
      <xs:enumeration value="EmailAddress"/>
      <xs:enumeration value="Contact"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="ItemHasKnownEntity">
    <xs:complexContent>
      <xs:extension base="Rule">
        <xs:attribute name="EntityType" type="KnownEntityType" use="required"/>
        <xs:attribute name="RegExFilter" type="NonEmptyString" use="optional"/>
        <xs:attribute name="FilterName" type="NonEmptyString" use="optional"/>
        <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:simpleType name="PropertyName">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Subject"/>
      <xs:enumeration value="BodyAsPlaintext"/>
      <xs:enumeration value="BodyAsHTML"/>
      <xs:enumeration value="SenderSMTPAddress"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="ItemHasRegularExpressionMatch">
    <xs:complexContent>
      <xs:extension base="Rule">
        <xs:attribute name="RegExName" type="NonEmptyString" use="required"/>
        <xs:attribute name="RegExValue" type="NonEmptyString" use="required"/>
        <xs:attribute name="PropertyName" type="PropertyName" use="required"/>
        <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="ItemHasAttachment">
    <xs:complexContent>
      <xs:extension base="Rule"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:simpleType name="LogicalOperator">
    <xs:restriction base="xs:string">
      <xs:enumeration value="And"/>
      <xs:enumeration value="Or"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="RuleCollection">
    <xs:complexContent>
      <xs:extension base="Rule">
        <xs:sequence>
          <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="unbounded"/>
        </xs:sequence>
        <xs:attribute name="Mode" type="LogicalOperator" use="required"/>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="AppDomains">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="AppDomain" type="LongString"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="OfficeApp" abstract="true">
    <xs:sequence>
      <xs:element name="Id" type="UUID" minOccurs="1" maxOccurs="1"/>
      <xs:element name="AlternateId" type="AlternateId" minOccurs="0" maxOccurs="1"/>
      <xs:element name="Version" type="Version" minOccurs="1" maxOccurs="1"/>
      <xs:element name="ProviderName" type="ShortString" minOccurs="1" maxOccurs="1"/>
```


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```
      <xs:element name="DefaultLocale" type="CultureName" minOccurs="1" maxOccurs="1"/>
      <xs:element name="DisplayName" type="ShortLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="Description" type="LongLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="IconUrl" type="URLLocaleAwareSetting" minOccurs="0" maxOccurs="1"/>
      <xs:element name="SupportUrl" type="URLLocaleAwareSetting" minOccurs="0"
maxOccurs="1"/>
      <xs:element name="AppDomains" type="AppDomains" minOccurs="0" maxOccurs="1"/>
      <xs:element name="VersionOverrides"
xmlns="http://schemas.microsoft.com/office/versionoverrides/1.0" minOccurs="0"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:simpleType name="ContentAppCapabilities">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Workbook"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="ContentAppCapability">
    <xs:attribute name="Name" type="ContentAppCapabilities" use="required"/>
  </xs:complexType>
  <xs:complexType name="CT_Capabilities">
    <xs:sequence>
      <xs:element name="Capability" type="ContentAppCapability" minOccurs="1" maxOccurs="3"/>
    </xs:sequence>
  </xs:complexType>
  <xs:simpleType name="ST_Permissions">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Restricted"/>
      <xs:enumeration value="ReadDocument"/>
      <xs:enumeration value="WriteDocument"/>
      <xs:enumeration value="ReadWriteDocument"/>
      <xs:enumeration value="ReadAllDocument"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="ContentApp">
    <xs:complexContent>
      <xs:extension base="OfficeApp">
        <xs:sequence>
          <xs:element name="Capabilities" minOccurs="1" maxOccurs="1"
type="ver:CT_Capabilities"/>
          <xs:element name="DefaultSettings" type="ContentAppSettings" minOccurs="1"
maxOccurs="1"/>
          <xs:element name="Permissions" minOccurs="1" maxOccurs="1"
type="ver:ST_Permissions"/>
          <xs:element name="AllowSnapshot" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
          <xs:any id="ContentAppSignature" minOccurs="0" maxOccurs="1"
namespace="http://www.w3.org/2000/09/xmldsig#" processContents="lax"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="Dictionary">
    <xs:sequence>
      <xs:element name="TargetDialects" type="TargetDialects" minOccurs="1" maxOccurs="1"/>
      <xs:element name="QueryUri" type="URLLocaleAwareSetting" minOccurs="1" maxOccurs="1"/>
      <xs:element name="CitationText" type="ShortLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="DictionaryName" type="ShortLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="DictionaryHomePage" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="TargetDialects">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="TargetDialect" type="CultureName"/>
    </xs:sequence>
```


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```
  </xs:complexType>
  <xs:simpleType name="TaskPaneAppCapabilities">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Document"/>
      <xs:enumeration value="Project"/>
      <xs:enumeration value="Workbook"/>
      <xs:enumeration value="Presentation"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="TaskPaneAppCapability">
    <xs:attribute name="Name" type="TaskPaneAppCapabilities" use="required"/>
  </xs:complexType>
  <xs:complexType name="CT_Capabilities1">
    <xs:sequence>
      <xs:element name="Capability" type="TaskPaneAppCapability" minOccurs="1"
maxOccurs="4"/>
    </xs:sequence>
  </xs:complexType>
  <xs:simpleType name="ST_Permissions1">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Restricted"/>
      <xs:enumeration value="ReadDocument"/>
      <xs:enumeration value="ReadAllDocument"/>
      <xs:enumeration value="WriteDocument"/>
      <xs:enumeration value="ReadWriteDocument"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="TaskPaneApp">
    <xs:complexContent>
      <xs:extension base="OfficeApp">
        <xs:sequence>
          <xs:element name="Capabilities" minOccurs="1" maxOccurs="1"
type="ver:CT_Capabilities1"/>
          <xs:element name="DefaultSettings" type="TaskPaneAppSettings" minOccurs="1"
maxOccurs="1"/>
          <xs:element name="Permissions" minOccurs="1" maxOccurs="1"
type="ver:ST_Permissions1"/>
          <xs:element name="Dictionary" type="Dictionary" minOccurs="0" maxOccurs="1"/>
          <xs:any id="TaskPaneAppSignature" minOccurs="0" maxOccurs="1"
namespace="http://www.w3.org/2000/09/xmldsig#" processContents="lax"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:simpleType name="MailAppCapabilities">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Mailbox"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="MailAppCapability">
    <xs:attribute name="Name" type="MailAppCapabilities" use="required"/>
  </xs:complexType>
  <xs:complexType name="CT_Capabilities2">
    <xs:sequence>
      <xs:element name="Capability" type="MailAppCapability" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:simpleType name="ST_Permissions2">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Restricted"/>
      <xs:enumeration value="ReadItem"/>
      <xs:enumeration value="ReadWriteMailbox"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="MailApp">
    <xs:complexContent>
      <xs:extension base="OfficeApp">
        <xs:sequence>
```


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```
          <xs:element name="Capabilities" minOccurs="1" maxOccurs="1"
type="ver:CT_Capabilities2"/>
          <xs:element name="DesktopSettings" type="DesktopMailAppSettings" minOccurs="1"
maxOccurs="1"/>
          <xs:element name="TabletSettings" type="TabletMailAppSettings" minOccurs="0"
maxOccurs="1"/>
          <xs:element name="PhoneSettings" type="PhoneMailAppSettings" minOccurs="0"
maxOccurs="1"/>
          <xs:element name="Permissions" minOccurs="1" maxOccurs="1"
type="ver:ST_Permissions2"/>
          <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="1"/>
          <xs:element name="DisableEntityHighlighting" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
          <xs:any id="MailAppSignature" minOccurs="0" maxOccurs="1"
namespace="http://www.w3.org/2000/09/xmldsig#" processContents="lax"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:element name="OfficeApp" type="OfficeApp"/>
</xs:schema>
```

5.2 http://schemas.microsoft.com/office/appforoffice/1.1 Schema

```
<xs:schema id="OfficeAppManifest" elementFormDefault="qualified" version="1.1"
targetNamespace="http://schemas.microsoft.com/office/appforoffice/1.1"
xmlns="http://schemas.microsoft.com/office/appforoffice/1.1"
xmlns:mailor="http://schemas.microsoft.com/office/mailappversionoverrides"
xmlns:taskpanor="http://schemas.microsoft.com/office/taskpaneappversionoverrides"
xmlns:contentor="http://schemas.microsoft.com/office/contentappversionoverrides"
xmlns:bt="http://schemas.microsoft.com/office/officeappbasictypes/1.0"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:import schemaLocation="ContentAppVersionOverridesV1_0.xsd"
namespace="http://schemas.microsoft.com/office/contentappversionoverrides"/>
  <xs:import schemaLocation="MailAppVersionOverridesV1_0.xsd"
namespace="http://schemas.microsoft.com/office/mailappversionoverrides"/>
  <xs:import schemaLocation="OfficeAppBasicTypesV1_0.xsd"
namespace="http://schemas.microsoft.com/office/officeappbasictypes/1.0"/>
  <xs:import schemaLocation="TaskPaneAppVersionOverridesV1_0.xsd"
namespace="http://schemas.microsoft.com/office/taskpaneappversionoverrides"/>
  <xs:simpleType name="NonEmptyString">
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="ShortString">
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="125"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="LongString">
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="250"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="URL">
    <xs:restriction base="xs:anyURI">
      <xs:minLength value="1"/>
      <xs:maxLength value="2048"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="LocaleOverride">
    <xs:attribute name="Locale" type="CultureName" use="required"/>
    <xs:attribute name="Value" type="NonEmptyString" use="required"/>
  </xs:complexType>
```


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```
  <xs:complexType name="ShortLocaleOverride">
    <xs:attribute name="Locale" type="CultureName" use="required"/>
    <xs:attribute name="Value" type="ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="LongLocaleOverride">
    <xs:attribute name="Locale" type="CultureName" use="required"/>
    <xs:attribute name="Value" type="LongString" use="required"/>
  </xs:complexType>
  <xs:complexType name="URLLocaleOverride">
    <xs:attribute name="Locale" type="CultureName" use="required"/>
    <xs:attribute name="Value" type="URL" use="required"/>
  </xs:complexType>
  <xs:complexType name="LocaleAwareSetting">
    <xs:sequence>
      <xs:element name="Override" type="LocaleOverride" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="DefaultValue" type="NonEmptyString" use="required"/>
  </xs:complexType>
  <xs:complexType name="ShortLocaleAwareSetting">
    <xs:sequence>
      <xs:element name="Override" type="ShortLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="DefaultValue" type="ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="LongLocaleAwareSetting">
    <xs:sequence>
      <xs:element name="Override" type="LongLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="DefaultValue" type="LongString" use="required"/>
  </xs:complexType>
  <xs:complexType name="URLLocaleAwareSetting">
    <xs:sequence>
      <xs:element name="Override" type="URLLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="DefaultValue" type="URL" use="required"/>
  </xs:complexType>
  <xs:simpleType name="UUID">
    <xs:restriction base="xs:string">
      <xs:pattern value="(urn:uuid:)?[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-
F]{4}-[0-9a-fA-F]{12}|\{[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-
F]{12}\}"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="AlternateId">
    <xs:restriction base="xs:string">
      <xs:pattern value=".{5,12}\\WA[0-9]{9}"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="CultureName">
    <xs:restriction base="xs:string">
      <xs:pattern value="[a-zA-Z]{2,3}-[a-zA-Z0-9]{3,8}(-[a-zA-Z]{2,3})?|[a-zA-Z]{2,3}(-[a-
zA-Z]{2,3}(_tradnl|\.pseudo|-[a-zA-Z]{4,8})?)?"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="Version">
    <xs:restriction base="xs:string">
      <xs:pattern value="([0-9]{1,5})(\.[0-9]{1,5}){0,3}?"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="ShortVersion">
    <xs:restriction base="xs:string">
      <xs:pattern value="([0-9]{1,5})\.([0-9]{1,5})"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="ST_RequestedWidth">
    <xs:restriction base="xs:integer">
```


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```
      <xs:minInclusive value="32"/>
      <xs:maxInclusive value="1000"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="ST_RequestedHeight">
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="32"/>
      <xs:maxInclusive value="1000"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="ContentAppSettings">
    <xs:sequence>
      <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="RequestedWidth" minOccurs="0" maxOccurs="1"
type="ST_RequestedWidth"/>
      <xs:element name="RequestedHeight" minOccurs="0" maxOccurs="1"
type="ST_RequestedHeight"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="TaskPaneAppSettings">
    <xs:sequence>
      <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:simpleType name="ST_RequestedHeight1">
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="32"/>
      <xs:maxInclusive value="450"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="ItemReadDesktopMailAppSettings">
    <xs:sequence>
      <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="RequestedHeight" minOccurs="1" maxOccurs="1"
type="ST_RequestedHeight1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:simpleType name="ST_RequestedHeight2">
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="32"/>
      <xs:maxInclusive value="450"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="ItemReadTabletMailAppSettings">
    <xs:sequence>
      <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="RequestedHeight" minOccurs="1" maxOccurs="1"
type="ST RequestedHeight2"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ItemReadPhoneMailAppSettings">
    <xs:sequence>
      <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ItemEditMailAppSettings">
    <xs:sequence>
      <xs:element name="SourceLocation" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="FormType" abstract="true"/>
  <xs:complexType name="ItemRead">
    <xs:complexContent>
```


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```
      <xs:extension base="FormType">
        <xs:sequence>
          <xs:element name="DesktopSettings" type="ItemReadDesktopMailAppSettings"
minOccurs="1" maxOccurs="1"/>
          <xs:element name="TabletSettings" type="ItemReadTabletMailAppSettings"
minOccurs="0" maxOccurs="1"/>
          <xs:element name="PhoneSettings" type="ItemReadPhoneMailAppSettings" minOccurs="0"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="ItemEdit">
    <xs:complexContent>
      <xs:extension base="FormType">
        <xs:sequence>
          <xs:element name="DesktopSettings" type="ItemEditMailAppSettings" minOccurs="1"
maxOccurs="1"/>
          <xs:element name="TabletSettings" type="ItemEditMailAppSettings" minOccurs="0"
maxOccurs="1"/>
          <xs:element name="PhoneSettings" type="ItemEditMailAppSettings" minOccurs="0"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="FormSettings">
    <xs:sequence>
      <xs:element name="Form" type="FormType" minOccurs="1" maxOccurs="2"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Rule" abstract="true"/>
  <xs:simpleType name="ItemFormType">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Read"/>
      <xs:enumeration value="Edit"/>
      <xs:enumeration value="ReadOrEdit"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="ItemIs">
    <xs:complexContent>
      <xs:extension base="Rule">
        <xs:attribute name="ItemType" type="ItemType" use="required"/>
        <xs:attribute name="FormType" type="ItemFormType" use="required"/>
        <xs:attribute name="ItemClass" type="NonEmptyString" use="optional"/>
        <xs:attribute name="IncludeSubClasses" type="xs:boolean" use="optional"/>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:simpleType name="ItemType">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Message"/>
      <xs:enumeration value="Appointment"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="KnownEntityType">
    <xs:restriction base="xs:string">
      <xs:enumeration value="MeetingSuggestion"/>
      <xs:enumeration value="TaskSuggestion"/>
      <xs:enumeration value="Address"/>
      <xs:enumeration value="Url"/>
      <xs:enumeration value="PhoneNumber"/>
      <xs:enumeration value="EmailAddress"/>
      <xs:enumeration value="Contact"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="ItemHasKnownEntity">
    <xs:complexContent>
      <xs:extension base="Rule">
```


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```
          <xs:attribute name="EntityType" type="KnownEntityType" use="required"/>
          <xs:attribute name="RegExFilter" type="NonEmptyString" use="optional"/>
          <xs:attribute name="FilterName" type="NonEmptyString" use="optional"/>
          <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
    <xs:simpleType name="PropertyName">
      <xs:restriction base="xs:string">
        <xs:enumeration value="Subject"/>
        <xs:enumeration value="BodyAsPlaintext"/>
        <xs:enumeration value="BodyAsHTML"/>
        <xs:enumeration value="SenderSMTPAddress"/>
      </xs:restriction>
    </xs:simpleType>
    <xs:complexType name="ItemHasRegularExpressionMatch">
      <xs:complexContent>
        <xs:extension base="Rule">
          <xs:attribute name="RegExName" type="NonEmptyString" use="required"/>
          <xs:attribute name="RegExValue" type="NonEmptyString" use="required"/>
          <xs:attribute name="PropertyName" type="PropertyName" use="required"/>
          <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
    <xs:complexType name="ItemHasAttachment">
      <xs:complexContent>
        <xs:extension base="Rule"/>
      </xs:complexContent>
    </xs:complexType>
    <xs:simpleType name="LogicalOperator">
      <xs:restriction base="xs:string">
        <xs:enumeration value="And"/>
        <xs:enumeration value="Or"/>
      </xs:restriction>
    </xs:simpleType>
    <xs:complexType name="RuleCollection">
      <xs:complexContent>
        <xs:extension base="Rule">
          <xs:sequence>
            <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="unbounded"/>
          </xs:sequence>
          <xs:attribute name="Mode" type="LogicalOperator" use="required"/>
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
    <xs:complexType name="AppDomains">
      <xs:sequence minOccurs="1" maxOccurs="unbounded">
        <xs:element name="AppDomain" type="LongString"/>
      </xs:sequence>
    </xs:complexType>
    <xs:complexType name="OfficeApp" abstract="true">
      <xs:sequence>
        <xs:element name="Id" type="UUID" minOccurs="1" maxOccurs="1"/>
        <xs:element name="AlternateId" type="AlternateId" minOccurs="0" maxOccurs="1"/>
        <xs:element name="Version" type="Version" minOccurs="1" maxOccurs="1"/>
        <xs:element name="ProviderName" type="ShortString" minOccurs="1" maxOccurs="1"/>
        <xs:element name="DefaultLocale" type="CultureName" minOccurs="1" maxOccurs="1"/>
        <xs:element name="DisplayName" type="ShortLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="Description" type="LongLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="IconUrl" type="URLLocaleAwareSetting" minOccurs="0" maxOccurs="1"/>
        <xs:element name="HighResolutionIconUrl" type="URLLocaleAwareSetting" minOccurs="0"
maxOccurs="1"/>
        <xs:element name="SupportUrl" type="URLLocaleAwareSetting" minOccurs="0"
maxOccurs="1"/>
        <xs:element name="AppDomains" type="AppDomains" minOccurs="0" maxOccurs="1"/>
        <xs:element name="Hosts" type="Hosts" minOccurs="0" maxOccurs="1"/>
```


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```
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Host">
    <xs:attribute name="Name" type="ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="Hosts">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="Host" type="Host"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Requirements">
    <xs:sequence>
      <xs:element name="Sets" type="Sets" minOccurs="0" maxOccurs="1"/>
      <xs:element name="Methods" type="Methods" minOccurs="0" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Sets">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="Set" type="VersionedRequirement"/>
    </xs:sequence>
    <xs:attribute name="DefaultMinVersion" type="ShortVersion" default="1.1"/>
  </xs:complexType>
  <xs:complexType name="VersionedRequirement">
    <xs:attribute name="MinVersion" type="ShortVersion" use="optional"/>
    <xs:attribute name="Name" type="ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="Methods">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="Method" type="Requirement"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Requirement">
    <xs:attribute name="Name" type="LongString" use="required"/>
  </xs:complexType>
  <xs:complexType name="MailAppRequirements">
    <xs:sequence>
      <xs:element name="Sets" type="Sets" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:simpleType name="ST_Permissions">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Restricted"/>
      <xs:enumeration value="ReadDocument"/>
      <xs:enumeration value="WriteDocument"/>
      <xs:enumeration value="ReadWriteDocument"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="ContentApp">
    <xs:complexContent>
      <xs:extension base="OfficeApp">
        <xs:sequence>
          <xs:element name="Requirements" type="Requirements" minOccurs="0" maxOccurs="1"/>
          <xs:element name="DefaultSettings" type="ContentAppSettings" minOccurs="1"
maxOccurs="1"/>
          <xs:element name="Permissions" minOccurs="1" maxOccurs="1" type="ST_Permissions"/>
          <xs:element name="AllowSnapshot" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
          <xs:element ref="contentor:VersionOverrides" minOccurs="0" maxOccurs="1"/>
          <xs:any id="ContentAppSignature" minOccurs="0" maxOccurs="1"
namespace="http://www.w3.org/2000/09/xmldsig#" processContents="lax"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="Dictionary">
    <xs:sequence>
      <xs:element name="TargetDialects" type="TargetDialects" minOccurs="1" maxOccurs="1"/>
      <xs:element name="QueryUri" type="URLLocaleAwareSetting" minOccurs="1" maxOccurs="1"/>
      <xs:element name="CitationText" type="ShortLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
```


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```
      <xs:element name="DictionaryName" type="ShortLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="DictionaryHomePage" type="URLLocaleAwareSetting" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="TargetDialects">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="TargetDialect" type="CultureName"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Token" abstract="true">
    <xs:attribute name="Name" type="bt:ShortString" use="required"/>
    <xs:attribute name="DefaultValue" type="bt:ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="RequirementsTokenOverride">
    <xs:sequence>
      <xs:element name="Requirements" type="Requirements" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
    <xs:attribute name="Value" type="bt:ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="RequirementsToken">
    <xs:complexContent>
      <xs:extension base="Token">
        <xs:sequence>
          <xs:element name="Override" type="RequirementsTokenOverride" minOccurs="0"
maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="LocaleTokenOverride">
    <xs:attribute name="Locale" type="bt:ShortString" use="required"/>
    <xs:attribute name="Value" type="bt:ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="LocaleToken">
    <xs:complexContent>
      <xs:extension base="Token">
        <xs:sequence>
          <xs:element name="Override" type="LocaleTokenOverride" minOccurs="0"
maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="Tokens">
    <xs:sequence>
      <xs:element name="Token" type="Token" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ExtendedOverrides">
    <xs:sequence>
      <xs:element name="Tokens" type="Tokens" minOccurs="0" maxOccurs="1"/>
    </xs:sequence>
    <xs:attribute name="Url" type="URL" use="required"/>
    <xs:attribute name="ResourcesUrl" type="URL" use="optional"/>
  </xs:complexType>
  <xs:simpleType name="ST_Permissions1">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Restricted"/>
      <xs:enumeration value="ReadDocument"/>
      <xs:enumeration value="ReadAllDocument"/>
      <xs:enumeration value="WriteDocument"/>
      <xs:enumeration value="ReadWriteDocument"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="TaskPaneApp">
    <xs:complexContent>
      <xs:extension base="OfficeApp">
```


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```
        <xs:sequence>
          <xs:element name="Requirements" type="Requirements" minOccurs="0" maxOccurs="1"/>
          <xs:element name="DefaultSettings" type="TaskPaneAppSettings" minOccurs="1"
maxOccurs="1"/>
          <xs:element name="Permissions" minOccurs="1" maxOccurs="1" type="ST_Permissions1"/>
          <xs:element name="Dictionary" type="Dictionary" minOccurs="0" maxOccurs="1"/>
          <xs:element ref="taskpanor:VersionOverrides" minOccurs="0" maxOccurs="1"/>
          <xs:element name="ExtendedOverrides" type="ExtendedOverrides" minOccurs="0"
maxOccurs="1"/>
          <xs:any id="TaskPaneAppSignature" minOccurs="0" maxOccurs="1"
namespace="http://www.w3.org/2000/09/xmldsig#" processContents="lax"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:simpleType name="ST_Permissions2">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Restricted"/>
      <xs:enumeration value="ReadItem"/>
      <xs:enumeration value="ReadWriteItem"/>
      <xs:enumeration value="ReadWriteMailbox"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="MailApp">
    <xs:complexContent>
      <xs:extension base="OfficeApp">
        <xs:sequence>
          <xs:element name="Requirements" type="MailAppRequirements" minOccurs="1"
maxOccurs="1"/>
          <xs:element name="FormSettings" type="FormSettings" minOccurs="1" maxOccurs="1"/>
          <xs:element name="Permissions" minOccurs="0" maxOccurs="1" type="ST Permissions2"/>
          <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="1"/>
          <xs:element name="DisableEntityHighlighting" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
          <xs:element ref="mailor:VersionOverrides" minOccurs="0" maxOccurs="1"/>
          <xs:any id="MailAppSignature" minOccurs="0" maxOccurs="1"
namespace="http://www.w3.org/2000/09/xmldsig#" processContents="lax"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:element name="OfficeApp" type="OfficeApp"/>
</xs:schema>
```

5.3 http://schemas.microsoft.com/office/contentappversionoverrides Schema

```
<xs:schema id="ContentAppVersionOverrides" elementFormDefault="qualified" version="1.0"
targetNamespace="http://schemas.microsoft.com/office/contentappversionoverrides"
xmlns="http://schemas.microsoft.com/office/contentappversionoverrides"
xmlns:bt="http://schemas.microsoft.com/office/officeappbasictypes/1.0"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:import schemaLocation="OfficeAppBasicTypesV1_0.xsd"
namespace="http://schemas.microsoft.com/office/officeappbasictypes/1.0"/>
  <xs:complexType name="WebApplicationScopes">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="Scope" type="bt:LongString"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="WebApplicationInfo">
    <xs:sequence minOccurs="1" maxOccurs="1">
      <xs:element name="Id" type="bt:UUID" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Resource" type="bt:LongString" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Scopes" type="WebApplicationScopes" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="VersionOverridesV1 0">
    <xs:sequence>
```


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```
      <xs:element name="WebApplicationInfo" type="WebApplicationInfo" minOccurs="0"
maxOccurs="1"/>
      <xs:any id="VersionOverrides" minOccurs="0" maxOccurs="1"
namespace="http://schemas.microsoft.com/office/contentappversionoverrides/1.1"
processContents="lax"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="VersionOverrides" type="VersionOverridesV1_0"/>
</xs:schema>
```

5.4 http://schemas.microsoft.com/office/mailappversionoverrides Schema

```
<xs:schema id="MailAppVersionOverrides" elementFormDefault="qualified" version="1.0"
targetNamespace="http://schemas.microsoft.com/office/mailappversionoverrides"
xmlns="http://schemas.microsoft.com/office/mailappversionoverrides"
xmlns:bt="http://schemas.microsoft.com/office/officeappbasictypes/1.0"
xmlns:mailor1_1="http://schemas.microsoft.com/office/mailappversionoverrides/1.1"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:import schemaLocation="MailAppVersionOverridesV1 1.xsd"
namespace="http://schemas.microsoft.com/office/mailappversionoverrides/1.1"/>
  <xs:import schemaLocation="OfficeAppBasicTypesV1 0.xsd"
namespace="http://schemas.microsoft.com/office/officeappbasictypes/1.0"/>
  <xs:simpleType name="EventFunctionExecutionType">
    <xs:restriction base="xs:string">
      <xs:enumeration value="synchronous"/>
      <xs:enumeration value="asynchronous"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="Event">
    <xs:attribute name="Type" type="bt:ShortString" use="required"/>
    <xs:attribute name="FunctionExecution" type="EventFunctionExecutionType" use="required"/>
    <xs:attribute name="FunctionName" type="bt:LongString" use="required"/>
  </xs:complexType>
  <xs:complexType name="ShowTaskpane">
    <xs:complexContent>
      <xs:extension base="Action">
        <xs:sequence>
          <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="ExecuteFunction">
    <xs:complexContent>
      <xs:extension base="Action">
        <xs:sequence>
          <xs:element name="FunctionName" type="bt:LongString" minOccurs="1" maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="Action" abstract="true"/>
  <xs:complexType name="Supertip">
    <xs:sequence>
      <xs:element name="Title" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Description" type="bt:LongResourceReference" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Rule" abstract="true"/>
  <xs:complexType name="ItemIs">
    <xs:complexContent>
      <xs:extension base="Rule">
        <xs:attribute name="ItemType" type="bt:NonEmptyString" use="required"/>
        <xs:attribute name="ItemClass" type="bt:NonEmptyString" use="optional"/>
        <xs:attribute name="IncludeSubClasses" type="xs:boolean" use="optional"/>
```


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```
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="ItemHasKnownEntity">
    <xs:complexContent>
      <xs:extension base="Rule">
        <xs:attribute name="EntityType" type="bt:ShortString" use="required"/>
        <xs:attribute name="RegExFilter" type="bt:NonEmptyString" use="optional"/>
        <xs:attribute name="FilterName" type="bt:NonEmptyString" use="optional"/>
        <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:simpleType name="PropertyName">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Subject"/>
      <xs:enumeration value="BodyAsPlaintext"/>
      <xs:enumeration value="BodyAsHTML"/>
      <xs:enumeration value="SenderSMTPAddress"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="ItemHasRegularExpressionMatch">
    <xs:complexContent>
      <xs:extension base="Rule">
        <xs:attribute name="RegExName" type="bt:NonEmptyString" use="required"/>
        <xs:attribute name="RegExValue" type="bt:NonEmptyString" use="required"/>
        <xs:attribute name="PropertyName" type="PropertyName" use="required"/>
        <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="ItemHasAttachment">
    <xs:complexContent>
      <xs:extension base="Rule"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:simpleType name="LogicalOperator">
    <xs:restriction base="xs:string">
      <xs:enumeration value="And"/>
      <xs:enumeration value="Or"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="RuleCollection">
    <xs:complexContent>
      <xs:extension base="Rule">
        <xs:sequence>
          <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="unbounded"/>
        </xs:sequence>
        <xs:attribute name="Mode" type="LogicalOperator" use="required"/>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="UIControl" abstract="true">
    <xs:sequence>
      <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Supertip" type="Supertip" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
    <xs:attribute name="id" type="bt:ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="UIControlWithIcon" abstract="true">
    <xs:complexContent>
      <xs:extension base="UIControl">
        <xs:sequence>
          <xs:element name="Icon" type="bt:IconList" minOccurs="1" maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="UIControlWithOptionalIcon" abstract="true">
```


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```
      <xs:complexContent>
        <xs:extension base="UIControl">
          <xs:sequence>
            <xs:element name="Icon" type="bt:IconList" minOccurs="0" maxOccurs="1"/>
          </xs:sequence>
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
    <xs:complexType name="Button">
      <xs:complexContent>
        <xs:extension base="UIControlWithIcon">
          <xs:sequence>
            <xs:element name="Action" type="Action" minOccurs="1" maxOccurs="1"/>
          </xs:sequence>
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
    <xs:complexType name="MenuItem">
      <xs:complexContent>
        <xs:extension base="UIControlWithOptionalIcon">
          <xs:sequence>
            <xs:element name="Action" type="Action" minOccurs="1" maxOccurs="1"/>
          </xs:sequence>
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
    <xs:complexType name="MenuItems">
      <xs:sequence>
        <xs:element name="Item" type="MenuItem" minOccurs="1" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:complexType>
    <xs:complexType name="Menu">
      <xs:complexContent>
        <xs:extension base="UIControlWithIcon">
          <xs:sequence>
            <xs:element name="Items" type="MenuItems" minOccurs="1" maxOccurs="1"/>
          </xs:sequence>
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
    <xs:complexType name="Group">
      <xs:sequence>
        <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
        <xs:element name="Control" type="UIControl" minOccurs="1" maxOccurs="unbounded"/>
      </xs:sequence>
      <xs:attribute name="id" type="bt:ShortString" use="required"/>
    </xs:complexType>
    <xs:complexType name="Tab" abstract="true">
      <xs:sequence>
        <xs:element name="Group" type="Group" minOccurs="1" maxOccurs="unbounded"/>
      </xs:sequence>
      <xs:attribute name="id" type="bt:ShortString" use="required"/>
    </xs:complexType>
    <xs:complexType name="OfficeTab">
      <xs:complexContent>
        <xs:extension base="Tab"/>
      </xs:complexContent>
    </xs:complexType>
    <xs:complexType name="CustomTab">
      <xs:complexContent>
        <xs:extension base="Tab">
          <xs:sequence>
            <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1"
maxOccurs="1"/>
          </xs:sequence>
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
    <xs:complexType name="ExtensionPoint" abstract="true"/>
```


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```
  <xs:complexType name="CommandSurfaceExtensionPoint" abstract="true">
    <xs:complexContent>
      <xs:extension base="ExtensionPoint">
        <xs:sequence>
          <xs:element name="OfficeTab" type="OfficeTab" minOccurs="0" maxOccurs="unbounded"/>
          <xs:element name="CustomTab" type="CustomTab" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="MessageReadCommandSurface">
    <xs:complexContent>
      <xs:extension base="CommandSurfaceExtensionPoint"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="MessageComposeCommandSurface">
    <xs:complexContent>
      <xs:extension base="CommandSurfaceExtensionPoint"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="AppointmentOrganizerCommandSurface">
    <xs:complexContent>
      <xs:extension base="CommandSurfaceExtensionPoint"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="AppointmentAttendeeCommandSurface">
    <xs:complexContent>
      <xs:extension base="CommandSurfaceExtensionPoint"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:simpleType name="ST_RequestedHeight">
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="32"/>
      <xs:maxInclusive value="450"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="CustomPane">
    <xs:complexContent>
      <xs:extension base="ExtensionPoint">
        <xs:sequence>
          <xs:element name="RequestedHeight" minOccurs="0" maxOccurs="1"
type="ST_RequestedHeight"/>
          <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
          <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="1"/>
          <xs:element name="DisableEntityHighlighting" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="FormFactor">
    <xs:sequence>
      <xs:element name="FunctionFile" type="bt:URLResourceReference" minOccurs="0"
maxOccurs="1"/>
      <xs:element name="ExtensionPoint" type="ExtensionPoint" minOccurs="1"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Host" abstract="true"/>
  <xs:complexType name="MailHost">
    <xs:complexContent>
      <xs:extension base="Host">
        <xs:sequence>
          <xs:element name="DesktopFormFactor" type="FormFactor" minOccurs="0"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
```


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```
  </xs:complexType>
  <xs:complexType name="Hosts">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="Host" type="Host"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="VersionOverridesV1_0">
    <xs:sequence>
      <xs:element name="Description" type="bt:LongResourceReference" minOccurs="0"
maxOccurs="1"/>
      <xs:element name="Requirements" type="bt:Requirements" minOccurs="0" maxOccurs="1"/>
      <xs:element name="Hosts" type="Hosts" minOccurs="0" maxOccurs="1"/>
      <xs:element name="Resources" type="bt:Resources" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="mailor1_1:VersionOverrides" minOccurs="0" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="VersionOverrides" type="VersionOverridesV1 0"/>
</xs:schema>
```

5.5 http://schemas.microsoft.com/office/mailappversionoverrides/1.1 Schema

```
<xs:schema id="MailAppVersionOverridesV1_1" elementFormDefault="qualified" version="1.0"
targetNamespace="http://schemas.microsoft.com/office/mailappversionoverrides/1.1"
xmlns="http://schemas.microsoft.com/office/mailappversionoverrides/1.1"
xmlns:bt="http://schemas.microsoft.com/office/officeappbasictypes/1.0"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:import schemaLocation="OfficeAppBasicTypesV1 0.xsd"
namespace="http://schemas.microsoft.com/office/officeappbasictypes/1.0"/>
  <xs:simpleType name="EventFunctionExecutionType">
    <xs:restriction base="xs:string">
      <xs:enumeration value="synchronous"/>
      <xs:enumeration value="asynchronous"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="Event">
    <xs:attribute name="Type" type="bt:ShortString" use="required"/>
    <xs:attribute name="FunctionExecution" type="EventFunctionExecutionType" use="required"/>
    <xs:attribute name="FunctionName" type="bt:LongString" use="required"/>
  </xs:complexType>
  <xs:complexType name="Events">
    <xs:complexContent>
      <xs:extension base="ExtensionPoint">
        <xs:sequence>
          <xs:element name="Event" type="Event" minOccurs="1" maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="ShowTaskpane">
    <xs:complexContent>
      <xs:extension base="Action">
        <xs:sequence>
          <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
          <xs:element name="SupportsPinning" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
          <xs:element name="SupportsNoItemContext" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
          <xs:element name="SupportsMultiSelect" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="ExecuteFunction">
    <xs:complexContent>
      <xs:extension base="Action">
        <xs:sequence>
```


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```
            <xs:element name="FunctionName" type="bt:LongString" minOccurs="1" maxOccurs="1"/>
          </xs:sequence>
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
    <xs:complexType name="Action" abstract="true"/>
    <xs:complexType name="Supertip">
      <xs:sequence>
        <xs:element name="Title" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
        <xs:element name="Description" type="bt:LongResourceReference" minOccurs="1"
  maxOccurs="1"/>
      </xs:sequence>
    </xs:complexType>
    <xs:complexType name="Rule" abstract="true">
      <xs:attribute name="Highlight" type="bt:ShortString" use="optional" default="All"/>
    </xs:complexType>
    <xs:complexType name="ItemIs">
      <xs:complexContent>
        <xs:extension base="Rule">
          <xs:attribute name="ItemType" type="bt:NonEmptyString" use="required"/>
          <xs:attribute name="ItemClass" type="bt:NonEmptyString" use="optional"/>
          <xs:attribute name="IncludeSubClasses" type="xs:boolean" use="optional"/>
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
    <xs:complexType name="ItemHasKnownEntity">
      <xs:complexContent>
        <xs:extension base="Rule">
          <xs:attribute name="EntityType" type="bt:ShortString" use="required"/>
          <xs:attribute name="RegExFilter" type="bt:NonEmptyString" use="optional"/>
          <xs:attribute name="FilterName" type="bt:NonEmptyString" use="optional"/>
          <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
    <xs:simpleType name="PropertyName">
      <xs:restriction base="xs:string">
        <xs:enumeration value="Subject"/>
        <xs:enumeration value="BodyAsPlaintext"/>
        <xs:enumeration value="BodyAsHTML"/>
        <xs:enumeration value="SenderSMTPAddress"/>
      </xs:restriction>
    </xs:simpleType>
    <xs:complexType name="ItemHasRegularExpressionMatch">
      <xs:complexContent>
        <xs:extension base="Rule">
          <xs:attribute name="RegExName" type="bt:NonEmptyString" use="required"/>
          <xs:attribute name="RegExValue" type="bt:NonEmptyString" use="required"/>
          <xs:attribute name="PropertyName" type="PropertyName" use="required"/>
          <xs:attribute name="IgnoreCase" type="xs:boolean" use="optional"/>
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
    <xs:complexType name="ItemHasAttachment">
      <xs:complexContent>
        <xs:extension base="Rule"/>
      </xs:complexContent>
    </xs:complexType>
    <xs:simpleType name="LogicalOperator">
      <xs:restriction base="xs:string">
        <xs:enumeration value="And"/>
        <xs:enumeration value="Or"/>
      </xs:restriction>
    </xs:simpleType>
    <xs:complexType name="RuleCollection">
      <xs:complexContent>
        <xs:extension base="Rule">
          <xs:sequence>
            <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="unbounded"/>
```


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```
      </xs:sequence>
      <xs:attribute name="Mode" type="LogicalOperator" use="required"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:complexType name="UIControl" abstract="true">
  <xs:sequence>
    <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
    <xs:element name="Supertip" type="Supertip" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
  <xs:attribute name="id" type="bt:ShortString" use="required"/>
</xs:complexType>
<xs:complexType name="MobileUIControl" abstract="true">
  <xs:sequence>
    <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
  <xs:attribute name="id" type="bt:ShortString" use="required"/>
</xs:complexType>
<xs:complexType name="UIControlWithIcon" abstract="true">
  <xs:complexContent>
    <xs:extension base="UIControl">
      <xs:sequence>
        <xs:element name="Icon" type="bt:IconList" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:complexType name="MobileUIControlWithIcon" abstract="true">
  <xs:complexContent>
    <xs:extension base="MobileUIControl">
      <xs:sequence>
        <xs:element name="Icon" type="bt:MobileIconList" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:complexType name="UIControlWithOptionalIcon" abstract="true">
  <xs:complexContent>
    <xs:extension base="UIControl">
      <xs:sequence>
        <xs:element name="Icon" type="bt:IconList" minOccurs="0" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:complexType name="Button">
  <xs:complexContent>
    <xs:extension base="UIControlWithIcon">
      <xs:sequence>
        <xs:element name="Action" type="Action" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:complexType name="MobileButton">
  <xs:complexContent>
    <xs:extension base="MobileUIControlWithIcon">
      <xs:sequence>
        <xs:element name="Action" type="Action" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:complexType name="MenuItem">
  <xs:complexContent>
    <xs:extension base="UIControlWithOptionalIcon">
      <xs:sequence>
        <xs:element name="Action" type="Action" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
```


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```
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="MenuItems">
    <xs:sequence>
      <xs:element name="Item" type="MenuItem" minOccurs="1" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Menu">
    <xs:complexContent>
      <xs:extension base="UIControlWithIcon">
        <xs:sequence>
          <xs:element name="Items" type="MenuItems" minOccurs="1" maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="Group">
    <xs:sequence>
      <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Tooltip" type="bt:ShortResourceReference" minOccurs="0"
maxOccurs="1"/>
      <xs:element name="Control" type="UIControl" minOccurs="1" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="id" type="bt:ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="Tab" abstract="true">
    <xs:sequence>
      <xs:element name="Group" type="Group" minOccurs="1" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="id" type="bt:ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="OfficeTab">
    <xs:complexContent>
      <xs:extension base="Tab"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="CustomTab">
    <xs:complexContent>
      <xs:extension base="Tab">
        <xs:sequence>
          <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="ExtensionPoint" abstract="true"/>
  <xs:complexType name="CommandSurfaceExtensionPoint" abstract="true">
    <xs:complexContent>
      <xs:extension base="ExtensionPoint">
        <xs:sequence>
          <xs:element name="OfficeTab" type="OfficeTab" minOccurs="0" maxOccurs="unbounded"/>
          <xs:element name="CustomTab" type="CustomTab" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="MobileGroup">
    <xs:sequence>
      <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Control" type="MobileButton" minOccurs="1" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="id" type="bt:ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="MobileCommandSurfaceExtensionPoint" abstract="true">
    <xs:complexContent>
      <xs:extension base="ExtensionPoint">
        <xs:sequence>
```


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```
          <xs:element name="Group" type="MobileGroup" minOccurs="1" maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="MessageReadCommandSurface">
    <xs:complexContent>
      <xs:extension base="CommandSurfaceExtensionPoint"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="MobileMessageReadCommandSurface">
    <xs:complexContent>
      <xs:extension base="MobileCommandSurfaceExtensionPoint"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="MessageComposeCommandSurface">
    <xs:complexContent>
      <xs:extension base="CommandSurfaceExtensionPoint"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="AppointmentOrganizerCommandSurface">
    <xs:complexContent>
      <xs:extension base="CommandSurfaceExtensionPoint"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="AppointmentAttendeeCommandSurface">
    <xs:complexContent>
      <xs:extension base="CommandSurfaceExtensionPoint"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="MobileOnlineMeetingCommandSurface">
    <xs:complexContent>
      <xs:extension base="ExtensionPoint">
        <xs:sequence>
          <xs:element name="Control" type="MobileButton" minOccurs="1" maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:simpleType name="ST_RequestedHeight">
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="32"/>
      <xs:maxInclusive value="450"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="CustomPane">
    <xs:complexContent>
      <xs:extension base="ExtensionPoint">
        <xs:sequence>
          <xs:element name="RequestedHeight" minOccurs="0" maxOccurs="1"
type="ST_RequestedHeight"/>
          <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
          <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="1"/>
          <xs:element name="DisableEntityHighlighting" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="CommandSurface">
    <xs:sequence>
      <xs:element name="CustomTab" type="CustomTab" minOccurs="1" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Module">
    <xs:complexContent>
      <xs:extension base="ExtensionPoint">
        <xs:sequence>
```


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```
          <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
          <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1"
maxOccurs="1"/>
          <xs:element name="CommandSurface" type="CommandSurface" minOccurs="1"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:simpleType name="ST_RequestedHeight1">
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="140"/>
      <xs:maxInclusive value="450"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="DetectedEntity">
    <xs:complexContent>
      <xs:extension base="ExtensionPoint">
        <xs:sequence>
          <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1"
maxOccurs="1"/>
          <xs:element name="RequestedHeight" minOccurs="0" maxOccurs="1"
type="ST_RequestedHeight1"/>
          <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
          <xs:element name="Rule" type="Rule" minOccurs="1" maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:simpleType name="ReportOptionsInputType">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Checkbox"/>
      <xs:enumeration value="Radio"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="CT_ReportingOptions">
    <xs:sequence>
      <xs:element name="Title" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Option" type="bt:ShortResourceReference" minOccurs="1"
maxOccurs="5"/>
    </xs:sequence>
    <xs:attribute name="inputType" type="ReportOptionsInputType" use="optional"/>
  </xs:complexType>
  <xs:complexType name="CT_MoreInfo">
    <xs:sequence>
      <xs:element name="MoreInfoText" type="bt:ShortResourceReference" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="MoreInfoUrl" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="CT_PreProcessingDialog">
    <xs:sequence>
      <xs:element name="Title" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Description" type="bt:LongResourceReference" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="NeverShowAgainOption" type="xs:boolean" minOccurs="0" maxOccurs="1"/>
      <xs:element name="ReportingOptions" minOccurs="0" maxOccurs="1"
type="CT_ReportingOptions"/>
      <xs:element name="FreeTextLabel" type="bt:ShortResourceReference" minOccurs="0"
maxOccurs="1"/>
      <xs:element name="MoreInfo" minOccurs="0" maxOccurs="1" type="CT_MoreInfo"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ReportPhishingCustomization">
    <xs:sequence>
      <xs:element name="Control" type="Button" minOccurs="1" maxOccurs="1"/>
```


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```
      <xs:element name="PreProcessingDialog" minOccurs="1" maxOccurs="1"
type="CT_PreProcessingDialog"/>
      <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ReportPhishingCommandSurface">
    <xs:complexContent>
      <xs:extension base="ExtensionPoint">
        <xs:sequence>
          <xs:element name="ReportPhishingCustomization" type="ReportPhishingCustomization"
minOccurs="1" maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:simpleType name="LaunchEventSendMode">
    <xs:restriction base="xs:string">
      <xs:enumeration value="PromptUser"/>
      <xs:enumeration value="SoftBlock"/>
      <xs:enumeration value="Block"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="LaunchEventDefinition">
    <xs:attribute name="Type" type="bt:ShortString" use="required"/>
    <xs:attribute name="FunctionName" type="bt:LongString" use="required"/>
    <xs:attribute name="SendMode" type="LaunchEventSendMode" use="optional"/>
  </xs:complexType>
  <xs:complexType name="LaunchEvents">
    <xs:sequence>
      <xs:element name="LaunchEvent" type="LaunchEventDefinition" minOccurs="1"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="LaunchEvent">
    <xs:complexContent>
      <xs:extension base="ExtensionPoint">
        <xs:sequence>
          <xs:element name="LaunchEvents" type="LaunchEvents" minOccurs="1" maxOccurs="1"/>
          <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="RuntimeOverride">
    <xs:attribute name="resid" type="bt:ShortString" use="required"/>
    <xs:attribute name="type" type="bt:ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="Runtime">
    <xs:sequence>
      <xs:element name="Override" type="RuntimeOverride" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="resid" type="bt:ShortString" use="required"/>
    <xs:attribute name="lifetime" type="bt:ShortString" use="optional" default="short"/>
  </xs:complexType>
  <xs:complexType name="Runtimes">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="Runtime" type="Runtime"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="FormFactorWithSupportsSharedFolders">
    <xs:sequence>
      <xs:element name="SupportsSharedFolders" type="xs:boolean" minOccurs="0"
maxOccurs="1"/>
      <xs:group ref="FormFactorElementGroup"/>
    </xs:sequence>
  </xs:complexType>
```


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```
  <xs:complexType name="FormFactor">
    <xs:group ref="FormFactorElementGroup"/>
  </xs:complexType>
  <xs:group name="FormFactorElementGroup">
    <xs:sequence>
      <xs:element name="FunctionFile" type="bt:URLResourceReference" minOccurs="0"
maxOccurs="1"/>
      <xs:element name="ExtensionPoint" type="ExtensionPoint" minOccurs="1"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:group>
  <xs:complexType name="Host" abstract="true"/>
  <xs:complexType name="MailHost">
    <xs:complexContent>
      <xs:extension base="Host">
        <xs:sequence>
          <xs:element name="Runtimes" type="Runtimes" minOccurs="0" maxOccurs="1"/>
          <xs:element name="DesktopFormFactor" type="FormFactorWithSupportsSharedFolders"
minOccurs="0" maxOccurs="1"/>
          <xs:element name="MobileFormFactor" type="FormFactor" minOccurs="0" maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="Hosts">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="Host" type="Host"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="WebApplicationScopes">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="Scope" type="bt:LongString"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="WebApplicationInfo">
    <xs:sequence minOccurs="1" maxOccurs="1">
      <xs:element name="Id" type="bt:UUID" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Resource" type="bt:LongString" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Scopes" type="WebApplicationScopes" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="EquivalentAddins">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="EquivalentAddin" type="EquivalentAddin"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="EquivalentAddin">
    <xs:sequence minOccurs="1" maxOccurs="1">
      <xs:element name="ProgId" type="bt:LongString" minOccurs="0" maxOccurs="1"/>
      <xs:element name="DisplayName" type="bt:LongString" minOccurs="0" maxOccurs="1"/>
      <xs:element name="FileName" type="bt:LongString" minOccurs="0" maxOccurs="1"/>
      <xs:element name="Type" type="bt:ShortString" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ExtendedPermissions">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="ExtendedPermission" type="bt:LongString"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ConnectedServiceControlsScopes">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="Scope" type="bt:LongString"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ConnectedServiceControls">
    <xs:sequence minOccurs="1" maxOccurs="1">
      <xs:element name="Scopes" type="ConnectedServiceControlsScopes" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
```


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```
  </xs:complexType>
  <xs:complexType name="VersionOverridesV1_1">
    <xs:sequence>
      <xs:element name="Description" type="bt:LongResourceReference" minOccurs="0"
maxOccurs="1"/>
      <xs:element name="Requirements" type="bt:Requirements" minOccurs="0" maxOccurs="1"/>
      <xs:element name="Hosts" type="Hosts" minOccurs="0" maxOccurs="1"/>
      <xs:element name="Resources" type="bt:Resources" minOccurs="0" maxOccurs="1"/>
      <xs:element name="WebApplicationInfo" type="WebApplicationInfo" minOccurs="0"
maxOccurs="1"/>
      <xs:element name="EquivalentAddins" type="EquivalentAddins" minOccurs="0"
maxOccurs="1"/>
      <xs:element name="ConnectedServiceControls" type="ConnectedServiceControls"
minOccurs="0" maxOccurs="1"/>
      <xs:element name="ExtendedPermissions" type="ExtendedPermissions" minOccurs="0"
maxOccurs="1"/>
      <xs:any id="VersionOverrides" minOccurs="0" maxOccurs="1"
namespace="http://schemas.microsoft.com/office/mailappversionoverrides/1.2"
processContents="lax"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="VersionOverrides" type="VersionOverridesV1_1"/>
</xs:schema>
```

5.6 http://schemas.microsoft.com/office/officeappbasictypes/1.0 Schema

```
<xs:schema id="OfficeAppBasicTypes" elementFormDefault="qualified" version="1.0"
targetNamespace="http://schemas.microsoft.com/office/officeappbasictypes/1.0"
xmlns="http://schemas.microsoft.com/office/officeappbasictypes/1.0"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="NonEmptyString">
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="ShortString">
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="125"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="ReferenceId">
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="32"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="ShortReferenceId">
    <xs:restriction base="ReferenceId"/>
  </xs:simpleType>
  <xs:simpleType name="LongReferenceId">
    <xs:restriction base="ReferenceId"/>
  </xs:simpleType>
  <xs:simpleType name="URLReferenceId">
    <xs:restriction base="ReferenceId"/>
  </xs:simpleType>
  <xs:simpleType name="ImageReferenceId">
    <xs:restriction base="ReferenceId"/>
  </xs:simpleType>
  <xs:simpleType name="LongString">
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="250"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="URL">
    <xs:restriction base="xs:anyURI">
```


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```
      <xs:minLength value="1"/>
      <xs:maxLength value="2048"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="ShortLocaleOverride">
    <xs:attribute name="Locale" type="CultureName" use="required"/>
    <xs:attribute name="Value" type="ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="LongLocaleOverride">
    <xs:attribute name="Locale" type="CultureName" use="required"/>
    <xs:attribute name="Value" type="LongString" use="required"/>
  </xs:complexType>
  <xs:complexType name="URLLocaleOverride">
    <xs:attribute name="Locale" type="CultureName" use="required"/>
    <xs:attribute name="Value" type="URL" use="required"/>
  </xs:complexType>
  <xs:complexType name="ImageLocaleAwareSettingWithId">
    <xs:sequence>
      <xs:element name="Override" type="URLLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="id" type="ImageReferenceId" use="required"/>
    <xs:attribute name="DefaultValue" type="URL" use="required"/>
  </xs:complexType>
  <xs:complexType name="URLLocaleAwareSettingWithId">
    <xs:sequence>
      <xs:element name="Override" type="URLLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="id" type="URLReferenceId" use="required"/>
    <xs:attribute name="DefaultValue" type="URL" use="required"/>
  </xs:complexType>
  <xs:complexType name="ShortLocaleAwareSettingWithId">
    <xs:sequence>
      <xs:element name="Override" type="ShortLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="id" type="ShortReferenceId" use="required"/>
    <xs:attribute name="DefaultValue" type="ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="LongLocaleAwareSettingWithId">
    <xs:sequence>
      <xs:element name="Override" type="LongLocaleOverride" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="id" type="LongReferenceId" use="required"/>
    <xs:attribute name="DefaultValue" type="LongString" use="required"/>
  </xs:complexType>
  <xs:complexType name="ResourceReference" abstract="true">
    <xs:attribute name="resid" type="ReferenceId" use="required"/>
  </xs:complexType>
  <xs:complexType name="ImageResourceReference">
    <xs:complexContent>
      <xs:extension base="ResourceReference">
        <xs:attribute name="size" type="xs:integer" use="required"/>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="MobileImageResourceReference">
    <xs:complexContent>
      <xs:extension base="ResourceReference">
        <xs:attribute name="size" type="xs:integer" use="required"/>
        <xs:attribute name="scale" type="xs:integer" use="required"/>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="URLResourceReference">
    <xs:complexContent>
      <xs:extension base="ResourceReference"/>
```


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```
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="ShortResourceReference">
    <xs:complexContent>
      <xs:extension base="ResourceReference"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="LongResourceReference">
    <xs:complexContent>
      <xs:extension base="ResourceReference"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:simpleType name="UUID">
    <xs:restriction base="xs:string">
      <xs:pattern value="(urn:uuid:)?[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-
F]{4}-[0-9a-fA-F]{12}|\{[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-
F]{12}\}"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="AlternateId">
    <xs:restriction base="xs:string">
      <xs:pattern value=".{5,12}\\WA[0-9]{9}"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="CultureName">
    <xs:restriction base="xs:string">
      <xs:pattern value="[a-zA-Z]{2,3}-[a-zA-Z0-9]{3,8}(-[a-zA-Z]{2,3})?|[a-zA-Z]{2,3}(-[a-
zA-Z]{2,3}(_tradnl|\.pseudo|-[a-zA-Z]{4,8})?)?"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="Version">
    <xs:restriction base="xs:string">
      <xs:pattern value="([0-9]{1,5})(\.[0-9]{1,5}){0,3}?"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="ShortVersion">
    <xs:restriction base="xs:string">
      <xs:pattern value="([0-9]{1,5})\.([0-9]{1,5})"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="IconList">
    <xs:sequence>
      <xs:element name="Image" type="ImageResourceReference" minOccurs="1"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="MobileIconList">
    <xs:sequence>
      <xs:element name="Image" type="MobileImageResourceReference" minOccurs="9"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ImageResources">
    <xs:sequence>
      <xs:element name="Image" type="ImageLocaleAwareSettingWithId" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="URLResources">
    <xs:sequence>
      <xs:element name="Url" type="URLLocaleAwareSettingWithId" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ShortStringResources">
    <xs:sequence>
      <xs:element name="String" type="ShortLocaleAwareSettingWithId" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
```


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```
  </xs:complexType>
  <xs:complexType name="LongStringResources">
    <xs:sequence>
      <xs:element name="String" type="LongLocaleAwareSettingWithId" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Resources">
    <xs:sequence>
      <xs:element name="Images" type="ImageResources" minOccurs="0" maxOccurs="1"/>
      <xs:element name="Urls" type="URLResources" minOccurs="0" maxOccurs="1"/>
      <xs:element name="ShortStrings" type="ShortStringResources" minOccurs="0"
maxOccurs="1"/>
      <xs:element name="LongStrings" type="LongStringResources" minOccurs="0" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="VersionedRequirement">
    <xs:attribute name="MinVersion" type="ShortVersion" use="optional"/>
    <xs:attribute name="Name" type="ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="Sets">
    <xs:sequence>
      <xs:element name="Set" type="VersionedRequirement" minOccurs="1"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="DefaultMinVersion" type="ShortVersion" default="1.1"/>
  </xs:complexType>
  <xs:complexType name="Methods">
    <xs:sequence>
      <xs:element name="Method" type="VersionedRequirement" minOccurs="1"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="DefaultMinVersion" type="ShortVersion" default="1.1"/>
  </xs:complexType>
  <xs:complexType name="Requirements">
    <xs:sequence>
      <xs:element name="Sets" type="Sets" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
</xs:schema>
```

5.7 http://schemas.microsoft.com/office/taskpaneappversionoverrides Schema

```
<xs:schema id="TaskPaneAppVersionOverrides" elementFormDefault="qualified" version="1.0"
targetNamespace="http://schemas.microsoft.com/office/taskpaneappversionoverrides"
xmlns="http://schemas.microsoft.com/office/taskpaneappversionoverrides"
xmlns:bt="http://schemas.microsoft.com/office/officeappbasictypes/1.0"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:import schemaLocation="OfficeAppBasicTypesV1_0.xsd"
namespace="http://schemas.microsoft.com/office/officeappbasictypes/1.0"/>
  <xs:complexType name="ShowTaskpane">
    <xs:complexContent>
      <xs:extension base="Action">
        <xs:sequence>
          <xs:element name="TaskpaneId" type="bt:ShortString" minOccurs="0" maxOccurs="1"/>
          <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
          <xs:element name="Title" type="bt:ShortResourceReference" minOccurs="0"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="ExecuteFunction">
    <xs:complexContent>
      <xs:extension base="Action">
        <xs:sequence>
```


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```
          <xs:element name="FunctionName" type="bt:LongString" minOccurs="1" maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="Action" abstract="true"/>
  <xs:complexType name="Supertip">
    <xs:sequence>
      <xs:element name="Title" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Description" type="bt:LongResourceReference" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="UIControl" abstract="true">
    <xs:sequence>
      <xs:element name="OverriddenByRibbonApi" type="xs:boolean" minOccurs="0" maxOccurs="1"
default="false"/>
      <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Supertip" type="Supertip" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
    <xs:attribute name="id" type="bt:ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="UIControlWithIcon" abstract="true">
    <xs:complexContent>
      <xs:extension base="UIControl">
        <xs:sequence>
          <xs:element name="Icon" type="bt:IconList" minOccurs="1" maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="UIControlWithOptionalIcon" abstract="true">
    <xs:complexContent>
      <xs:extension base="UIControl">
        <xs:sequence>
          <xs:element name="Icon" type="bt:IconList" minOccurs="0" maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="Button">
    <xs:complexContent>
      <xs:extension base="UIControlWithIcon">
        <xs:sequence>
          <xs:element name="Action" type="Action" minOccurs="1" maxOccurs="1"/>
          <xs:element name="Enabled" type="xs:boolean" minOccurs="0" maxOccurs="1"
default="true"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="MenuItem">
    <xs:complexContent>
      <xs:extension base="UIControlWithOptionalIcon">
        <xs:sequence>
          <xs:element name="Action" type="Action" minOccurs="1" maxOccurs="1"/>
          <xs:element name="Enabled" type="xs:boolean" minOccurs="0" maxOccurs="1"
default="true"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="MenuItems">
    <xs:sequence>
      <xs:element name="Item" type="MenuItem" minOccurs="1" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Menu">
    <xs:complexContent>
```


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```
      <xs:extension base="UIControlWithIcon">
        <xs:sequence>
          <xs:element name="Items" type="MenuItems" minOccurs="1" maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="Group">
    <xs:sequence>
      <xs:element name="OverriddenByRibbonApi" type="xs:boolean" minOccurs="0" maxOccurs="1"
default="false"/>
      <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Icon" type="bt:IconList" minOccurs="1" maxOccurs="1"/>
      <xs:choice minOccurs="1" maxOccurs="unbounded">
        <xs:element name="Control" type="UIControl"/>
        <xs:element name="OfficeControl" type="OfficeControl"/>
      </xs:choice>
    </xs:sequence>
    <xs:attribute name="id" type="bt:ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="Tab" abstract="true">
    <xs:attribute name="id" type="bt:ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="OfficeMenu">
    <xs:sequence>
      <xs:element name="Control" type="UIControl" minOccurs="1" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="id" type="bt:ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="OfficeTab">
    <xs:complexContent>
      <xs:extension base="Tab">
        <xs:sequence>
          <xs:element name="Group" type="Group" minOccurs="1" maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="CustomTab">
    <xs:complexContent>
      <xs:extension base="Tab">
        <xs:sequence>
          <xs:choice minOccurs="1" maxOccurs="unbounded">
            <xs:element name="Group" type="Group"/>
            <xs:element name="OfficeGroup" type="OfficeGroup"/>
          </xs:choice>
          <xs:element name="Label" type="bt:ShortResourceReference" minOccurs="1"
maxOccurs="1"/>
          <xs:choice minOccurs="0" maxOccurs="1">
            <xs:element name="InsertBefore" type="bt:ShortString"/>
            <xs:element name="InsertAfter" type="bt:ShortString"/>
          </xs:choice>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="OfficeControl">
    <xs:attribute name="id" type="bt:ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="OfficeGroup">
    <xs:attribute name="id" type="bt:ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="Script">
    <xs:sequence>
      <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Page">
```


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```
    <xs:sequence>
      <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Metadata">
    <xs:sequence>
      <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="LaunchEvents">
    <xs:sequence>
      <xs:element name="LaunchEvent" type="LaunchEventDefinition" minOccurs="1"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="LaunchEventDefinition">
    <xs:attribute name="Type" type="bt:ShortString" use="required"/>
    <xs:attribute name="FunctionName" type="bt:LongString" use="required"/>
  </xs:complexType>
  <xs:complexType name="ExtensionPoint" abstract="true"/>
  <xs:complexType name="CommandSurfaceExtensionPoint" abstract="true">
    <xs:complexContent>
      <xs:extension base="ExtensionPoint">
        <xs:sequence>
          <xs:element name="OfficeTab" type="OfficeTab" minOccurs="0" maxOccurs="unbounded"/>
          <xs:element name="CustomTab" type="CustomTab" minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="PrimaryCommandSurface">
    <xs:complexContent>
      <xs:extension base="CommandSurfaceExtensionPoint"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="ContextMenu">
    <xs:complexContent>
      <xs:extension base="ExtensionPoint">
        <xs:sequence>
          <xs:element name="OfficeMenu" type="OfficeMenu" minOccurs="1"
maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="CustomFunctions">
    <xs:complexContent>
      <xs:extension base="ExtensionPoint">
        <xs:sequence>
          <xs:element name="Script" type="Script" minOccurs="1" maxOccurs="1"/>
          <xs:element name="Page" type="Page" minOccurs="1" maxOccurs="1"/>
          <xs:element name="Metadata" type="Metadata" minOccurs="1" maxOccurs="1"/>
          <xs:element name="Namespace" type="bt:ShortResourceReference" minOccurs="0"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="LaunchEvent">
    <xs:complexContent>
      <xs:extension base="ExtensionPoint">
        <xs:sequence>
          <xs:element name="LaunchEvents" type="LaunchEvents" minOccurs="1" maxOccurs="1"/>
          <xs:element name="SourceLocation" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
```


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```
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="GetStarted">
    <xs:sequence>
      <xs:element name="Title" type="bt:ShortResourceReference" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Description" type="bt:LongResourceReference" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="LearnMoreUrl" type="bt:URLResourceReference" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="FormFactor">
    <xs:sequence>
      <xs:element name="GetStarted" type="GetStarted" minOccurs="0" maxOccurs="1"/>
      <xs:element name="FunctionFile" type="bt:URLResourceReference" minOccurs="0"
maxOccurs="1"/>
      <xs:element name="ExtensionPoint" type="ExtensionPoint" minOccurs="1"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="AllFormFactors">
    <xs:sequence>
      <xs:element name="ExtensionPoint" type="CustomFunctions" minOccurs="0" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="RuntimeOverride">
    <xs:attribute name="resid" type="bt:ShortString" use="required"/>
    <xs:attribute name="type" type="bt:ShortString" use="required"/>
  </xs:complexType>
  <xs:complexType name="Runtime">
    <xs:sequence>
      <xs:element name="Override" type="RuntimeOverride" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="resid" type="bt:ShortString" use="required"/>
    <xs:attribute name="lifetime" type="bt:ShortString" use="optional"/>
  </xs:complexType>
  <xs:complexType name="Runtimes">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="Runtime" type="Runtime"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Host" abstract="true">
    <xs:sequence>
      <xs:element name="Runtimes" type="Runtimes" minOccurs="0" maxOccurs="1"/>
      <xs:element name="AllFormFactors" type="AllFormFactors" minOccurs="0" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="Workbook">
    <xs:complexContent>
      <xs:extension base="Host">
        <xs:sequence>
          <xs:element name="DesktopFormFactor" type="FormFactor" minOccurs="0"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="Document">
    <xs:complexContent>
      <xs:extension base="Host">
        <xs:sequence>
          <xs:element name="DesktopFormFactor" type="FormFactor" minOccurs="0"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
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  </xs:complexType>
  <xs:complexType name="Notebook">
```


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```
    <xs:complexContent>
      <xs:extension base="Host">
        <xs:sequence>
          <xs:element name="DesktopFormFactor" type="FormFactor" minOccurs="0"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="Presentation">
    <xs:complexContent>
      <xs:extension base="Host">
        <xs:sequence>
          <xs:element name="DesktopFormFactor" type="FormFactor" minOccurs="0"
maxOccurs="1"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:complexType name="Hosts">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="Host" type="Host"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="WebApplicationScopes">
    <xs:sequence minOccurs="1" maxOccurs="unbounded">
      <xs:element name="Scope" type="bt:LongString"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="WebApplicationInfo">
    <xs:sequence minOccurs="1" maxOccurs="1">
      <xs:element name="Id" type="bt:UUID" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Resource" type="bt:LongString" minOccurs="1" maxOccurs="1"/>
      <xs:element name="Scopes" type="WebApplicationScopes" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="EquivalentAddins">
    <xs:sequence minOccurs="1" maxOccurs="1">
      <xs:element name="EquivalentAddin" type="EquivalentAddin" minOccurs="1"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="EquivalentAddin">
    <xs:sequence minOccurs="1" maxOccurs="1">
      <xs:element name="ProgId" type="bt:LongString" minOccurs="0" maxOccurs="1"/>
      <xs:element name="DisplayName" type="bt:LongString" minOccurs="0" maxOccurs="1"/>
      <xs:element name="FileName" type="bt:LongString" minOccurs="0" maxOccurs="1"/>
      <xs:element name="Type" type="bt:ShortString" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="VersionOverridesV1_0">
    <xs:sequence>
      <xs:element name="Description" type="bt:LongResourceReference" minOccurs="0"
maxOccurs="1"/>
      <xs:element name="Requirements" type="bt:Requirements" minOccurs="0" maxOccurs="1"/>
      <xs:element name="Hosts" type="Hosts" minOccurs="0" maxOccurs="1"/>
      <xs:element name="Resources" type="bt:Resources" minOccurs="0" maxOccurs="1"/>
      <xs:element name="WebApplicationInfo" type="WebApplicationInfo" minOccurs="0"
maxOccurs="1"/>
      <xs:element name="EquivalentAddins" type="EquivalentAddins" minOccurs="0"
maxOccurs="1"/>
      <xs:any id="VersionOverrides" minOccurs="0" maxOccurs="1"
namespace="http://schemas.microsoft.com/office/taskpaneappversionoverrides/1.1"
processContents="lax"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="VersionOverrides" type="VersionOverridesV1_0"/>
</xs:schema>
```


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6 Appendix B: Product Behavior

The information in this specification is applicable to the following Microsoft products or supplemental software. References to product versions include updates to those products.

- Microsoft Office 2013
- Microsoft Project 2013
- Microsoft Visio 2013
- Microsoft Exchange Server 2013
- Microsoft Office 2016
- Microsoft Project 2016
- Microsoft Visio 2016
- Microsoft Exchange Server 2016
- Microsoft Office 2019
- Microsoft Project 2019
- Microsoft Visio 2019
- Microsoft Exchange Server 2019
- Microsoft Office 2021
- Microsoft Project 2021
- Microsoft Visio 2021
- Microsoft Office LTSC 2024
- Microsoft Visio LTSC 2024
- Microsoft Project 2024
- Microsoft Exchange Server Subscription Edition

Exceptions, if any, are noted in this section. If an update version, service pack or Knowledge Base (KB) number appears with a product name, the behavior changed in that update. The new behavior also applies to subsequent updates unless otherwise specified. If a product edition appears with the product version, behavior is different in that product edition.

Unless otherwise specified, any statement of optional behavior in this specification that is prescribed using the terms "SHOULD" or "SHOULD NOT" implies product behavior in accordance with the SHOULD or SHOULD NOT prescription. Unless otherwise specified, the term "MAY" implies that the product does not follow the prescription.

<1> Section 2.2.177: These complex types are only supported in Microsoft Outlook 2021 and later versions.

<2> Section 2.2.177: These complex types are only supported in Outlook 2021 and later versions.

<3> Section 2.2.189: This is applicable to Outlook 2021 and later.

<4> Section 2.2.234: This is applicable to Outlook 2021 and later.

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<5> Section 2.2.234: This is not applicable to Microsoft Outlook.

<6> Section 2.2.235: This is applicable to Outlook 2021 and later.

<7> Section 2.2.236: This is applicable to Outlook 2021 and later.

<8> Section 2.2.237: This is applicable to Outlook 2021 and later.

<9> Section 2.2.238: This is applicable to Outlook 2021 and later.

<10> Section 2.2.239: This is applicable to Outlook 2021 and later.

<11> Section 2.2.240: This is applicable to Outlook 2021 and later.

<12> Section 2.2.241: This is applicable to Office 2021 and later.

<13> Section 2.2.245: This complex type is only supported in Microsoft Outlook LTSC 2024 and later.

<14> Section 2.2.246: This complex type is only supported in Outlook 2024 LTSC and later.

<15> Section 2.3.67: This is applicable to Outlook 2021 and later.

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7 Change Tracking

This section identifies changes that were made to this document since the last release. Changes are classified as Major, Minor, or None.

The revision class **Major** means that the technical content in the document was significantly revised. Major changes affect protocol interoperability or implementation. Examples of major changes are:

- A document revision that incorporates changes to interoperability requirements.
- A document revision that captures changes to protocol functionality.

The revision class **Minor** means that the meaning of the technical content was clarified. Minor changes do not affect protocol interoperability or implementation. Examples of minor changes are updates to clarify ambiguity at the sentence, paragraph, or table level.

The revision class **None** means that no new technical changes were introduced. Minor editorial and formatting changes may have been made, but the relevant technical content is identical to the last released version.

The changes made to this document are listed in the following table. For more information, please contact dochelp@microsoft.com.

Section	Description	Revision class
6 Appendix B: Product Behavior	Updated list of supported products.	Major

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