[MS-OWEXML]:
Office Web Extensibility Extensions to Office Open XML Structure Specification

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Revision Summary

Date	Revision History	Revision Class	Comments
01/20/2012	0.1	New	Released new document.
04/11/2012	0.1	No change	No changes to the meaning, language, or formatting of the technical content.

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1 Introduction

The Office Web Extensibility Extensions to Office Open XML file format specifies elements and attributes that extend the XML vocabulary for representing **Office Web Extensions**.

Sections 1.7 and 2 of this specification are normative and can contain the terms MAY, SHOULD, MUST, MUST NOT, and SHOULD NOT as defined in RFC 2119. All other sections and examples in this specification are informative.

1.1 Glossary

The following terms are defined in [MS-GLOS]:

XML

The following terms are defined in [MS-OFCGLOS]:

app
JavaScript Object Notation (JSON)
Office Web Extension

The following terms are specific to this document:

Task Pane: A dockable dialog window that gives users a convenient way to execute commands, gather information, and modify their documents.

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

1.2 References

References to Microsoft Open Specifications documentation do not include a publishing year because links are to the latest version of the documents, which are updated frequently. References to other documents include a publishing year when one is available.

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. Please check the archive site, http://msdn2.microsoft.com/en-us/library/E4BD6494-06AD-4aed-9823-445E921C9624, as an additional source.

[ISO/IEC-29500-1] International Organization for Standardization, "Information Technology - Document description and processing languages - Office Open XML File Formats - Part 1: Fundamentals and Markup Language Reference", ISO/IEC PRF 29500-1:2008, http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=51463

[ISO/IEC-29500-4] International Organization for Standardization, "Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 4: Transitional Migration Features", ISO/IEC 29500-4:2008, http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=51462

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

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[XMLSCHEMA1] Thompson, H.S., Ed., Beech, D., Ed., Maloney, M., Ed., and Mendelsohn, N., Ed., "XML Schema Part 1: Structures", W3C Recommendation, May 2001, http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/

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

1.2.2 Informative References

[MS-DOCX] Microsoft Corporation, "Word Extensions to the Office Open XML File Format (.docx) Specification".

[MS-GLOS] Microsoft Corporation, "Windows Protocols Master Glossary".

[MS-OFCGLOS] Microsoft Corporation, "Microsoft Office Master Glossary".

[MS-XLSX] Microsoft Corporation, "Excel Extensions to the Office Open XML SpreadsheetML File Format (.xlsx) Specification".

[RFC4627] Crockford, D., "The application/json Media Type for Javascript Object Notation (JSON)", RFC 4627, July 2006, http://www.ietf.org/rfc/rfc4627.txt

1.3 Overview

The structures specified in this format provide the description of the **XML** representation of Office Web Extensions inside the document file formats of their host client applications. The elements and attributes specified in this format enable developers and end users to include Office Web Extensions on either spreadsheet or word processing documents. The XML structures are used by the Office Web Extension framework to activate Office Web Extensions when a document is opened by an end user.

The following sections provide a base definition of how an Office Web Extension is stored and additional syntax extensions to store two different types of Office Web Extensions.

1.3.1 Office Web Extensions

The Office Web Extensions structure is required by the Office Web Extension framework to activate Office Web Extensions when a document is opened, regardless of the host application. It uniquely identifies the Office Web Extension in the catalog where it is stored.

1.3.2 Content Extensions

A Content Extension specifies the storage of Office Web Extensions in document content, including the positioning of the Office Web Extension within the document as well as its width and height dimensions.

1.3.3 Task Pane Extensions

Task Pane Extensions specify the storage of **Task Pane** extensions in either spreadsheet or word processing documents. They define the user interface positioning of the Task Pane in the document, its width and height dimensions, and whether it is floating or docked into the document.

1.4 Relationship to Protocols and Other Structures

This file format is hosted within the structures that are defined in the following references:

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- A word processing document file format, as described in [MS-DOCX].
- A spreadsheet file format, as described in [MS-XLSX].

Custom settings are stored using the **JavaScript Object Notation (JSON)**, as described in [RFC4627].

1.5 Applicability Statement

This structure is used to persist a file within a containing file, as described in [MS-DOCX] or [MS-XLSX]. This structure applies to the case where a user inserts an Office Web Extension within a session by using word processing or spreadsheet software that produces such a containing file.

1.6 Versioning and Localization

This document covers versioning issues in the following areas:

1. **Structure versions:** This document specifies version 1 for all structures defined in this document.
2. **Localization:** There are no localization issues.

1.7 Vendor-Extensible Fields

None.

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2 Structures

2.1 Global Elements

2.1.1 webextension

Target namespace: http://schemas.microsoft.com/office/webextensions/webextension/2010/11

A CT_OsfWebExtension element that specifies an Office Web Extension document part.

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

```
<xsd:element name="webextension" type="CT_OsfWebExtension"/>
```

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

2.1.2 taskpanes

Target namespace: http://schemas.microsoft.com/office/webextensions/taskpanes/2010/11

A CT_OsfTaskpanes element that specifies a collection of taskpane objects. Each taskpane object represents a Task Pane associated with the current window in the application.

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

```
<xsd:element name="taskpanes" type="CT_OsfTaskpanes"/>
```

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

2.2 Global Attributes

2.3 Complex Types

2.3.1 CT_OsfWebExtensionProperty

Target namespace: http://schemas.microsoft.com/office/webextensions/webextension/2010/11

Referenced by: CT_OsfWebExtensionPropertyBag

A complex type that specifies an Office Web Extension custom property.

Attributes:

name: A string ([XMLSCHEMA2] section 3.2.1) attribute that specifies a custom property name.

value: A string ([XMLSCHEMA2] section 3.2.1) attribute that specifies a custom property value.

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

```
<xsd:complexType name="CT_OsfWebExtensionProperty">
```

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```
    <xsd:attribute name="name" type="xsd:string" use="required"/>
    <xsd:attribute name="value" type="xsd:string" use="required"/>
  </xsd:complexType>
```

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

2.3.2 CT_OsfWebExtensionPropertyBag

Target namespace: http://schemas.microsoft.com/office/webextensions/webextension/2010/11

Referenced by: CT_OsfWebExtension

This element specifies a set of Office Web Extension custom properties.

Child Elements:

property: A CT_OsfWebExtensionProperty element that specifies a single Office Web Extension custom property.

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

```
<xsd:complexType name="CT_OsfWebExtensionPropertyBag">
  <xsd:sequence>
    <xsd:element name="property" minOccurs="0" maxOccurs="unbounded"
type="CT_OsfWebExtensionProperty"/>
  </xsd:sequence>
</xsd:complexType>
```

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

2.3.3 CT_OsfWebExtensionBinding

Target namespace: http://schemas.microsoft.com/office/webextensions/webextension/2010/11

Referenced by: CT_OsfWebExtensionBindingList

A complex type that specifies a binding relationship between an Office Web Extension and the data in the document.

Attributes:

id: A string ([XMLSCHEMA2] section 3.2.1) attribute that specifies the binding identifier.

type: An ST_BindingType attribute that specifies the binding type.

appref: A string ([XMLSCHEMA2] section 3.2.1) attribute that specifies the binding key used to map the binding entry in the table with the bound data in the document.

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

```
<xsd:complexType name="CT_OsfWebExtensionBinding">
  <xsd:attribute name="id" type="xsd:string" use="required"/>
  <xsd:attribute name="type" type="ST_BindingType" use="required"/>
```

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```
  <xsd:attribute name="appref" type="xsd:string" use="required"/>
</xsd:complexType>
```

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

2.3.4 CT_OsfWebExtensionBindingList

Target namespace: http://schemas.microsoft.com/office/webextensions/webextension/2010/11

Referenced by: CT_OsfWebExtension

This element specifies a list of Office Web Extension bindings.

Child Elements:

binding: A CT_OsfWebExtensionBinding element that specifies an Office Web Extension binding.

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

```
<xsd:complexType name="CT_OsfWebExtensionBindingList">
  <xsd:sequence>
    <xsd:element name="binding" minOccurs="0" maxOccurs="unbounded"
type="CT_OsfWebExtensionBinding"/>
  </xsd:sequence>
</xsd:complexType>
```

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

2.3.5 CT_OsfWebExtensionReference

Target namespace: http://schemas.microsoft.com/office/webextensions/webextension/2010/11

Referenced by: CT_OsfWebExtensionReferenceList, CT_OsfWebExtension

This element specifies the reference to an Office Web Extension. The reference is used to identify the provider location and version of the extension.

Attributes:

id: A string ([XMLSCHEMA2] section 3.2.1) attribute that specifies the identifier associated with the Office Web Extension within a catalog provider. The identifier MUST be unique within a catalog provider.

version: A string ([XMLSCHEMA2] section 3.2.1) attribute that specifies the version of the Office Web Extension.

store: A string ([XMLSCHEMA2] section 3.2.1) attribute that specifies the instance of the marketplace where the Office Web Extension is stored.

storeType: A string ([XMLSCHEMA2] section 3.2.1) attribute that specifies the type of marketplace that the store attribute identifies. Default is "SPCatalog" (Corporate Catalog)

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Value	Meaning
OMEX	Specifies that the store type is Office.com.
SPCatalog	Specifies that the store type is SharePoint corporate catalog.
SPApp	Specifies that the store type is a SharePoint **app**.
Exchange	Specifies that the store type is an Exchange server
FileSystem	Specifies that the store type is a file system share.

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

```
<xsd:complexType name="CT_OsfWebExtensionReference">
  <xsd:attribute name="id" type="xsd:string" use="required"/>
  <xsd:attribute name="version" type="xsd:string" use="required"/>
  <xsd:attribute name="store" type="xsd:string"/>
  <xsd:attribute name="storeType" type="xsd:string" use="optional"/>
</xsd:complexType>
```

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

2.3.6 CT_OsfWebExtensionReferenceList

Target namespace: http://schemas.microsoft.com/office/webextensions/webextension/2010/11

Referenced by: CT_OsfWebExtension

This element specifies a list of Office Web Extension references.

Child Elements:

reference: A CT_OsfWebExtensionReference element that specifies an Office Web Extension reference.

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

```
<xsd:complexType name="CT_OsfWebExtensionReferenceList">
  <xsd:sequence>
    <xsd:element name="reference" minOccurs="0" maxOccurs="unbounded"
type="CT_OsfWebExtensionReference"/>
  </xsd:sequence>
</xsd:complexType>
```

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

2.3.7 CT_OsfWebExtension

Target namespace: http://schemas.microsoft.com/office/webextensions/webextension/2010/11

Referenced by: webextension

This is the root element of an Office Web Extension document part.

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Child Elements:

reference: A CT_OsfWebExtensionReference element that specifies the primary reference to an Office Web Extension.

alternateReferences: A CT_OsfWebExtensionReferenceList element that specifies a list of CT_OsfWebExtensionReference elements. The first of these **alternateReferences** is used if the Office Web Extension could not be located using the primary reference.

properties: A CT_OsfWebExtensionPropertyBag element that contains a set of Office Web Extension custom properties.

bindings: A CT_OsfWebExtensionBindingList element that specifies a list of Office Web Extension bindings.

snapshot: A **CT_Blip** ([ISO/IEC-29500-1] section 20.1.8.13) element that specifies a static image used to render the contents of the Office Web Extension when it is not active.

extLst: A **CT_OfficeArtExtensionList** ([ISO/IEC-29500-1] section A.4.1) element that specifies a list of extensions for an Office Web Extension. This element MAY be ignored.

Attributes:

id: A string ([XMLSCHEMA2] section 3.2.1) attribute. This attribute uniquely identifies the Office Web Extension instance in the current document.

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

```
<xsd:complexType name="CT_OsfWebExtension">
  <xsd:sequence>
    <xsd:element name="reference" type="CT_OsfWebExtensionReference"/>
    <xsd:element name="alternateReferences" type="CT_OsfWebExtensionReferenceList"
minOccurs="0" maxOccurs="1"/>
    <xsd:element name="properties" type="CT_OsfWebExtensionPropertyBag"/>
    <xsd:element name="bindings" type="CT_OsfWebExtensionBindingList"/>
    <xsd:element name="snapshot" type="a:CT_Blip" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="extLst" type="a:CT_OfficeArtExtensionList" minOccurs="0"
maxOccurs="1"/>
  </xsd:sequence>
  <xsd:attribute name="id" type="xsd:string" use="required"/>
</xsd:complexType>
```

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

2.3.8 CT_OsfTaskpaneFloatData

Target namespace: http://schemas.microsoft.com/office/webextensions/taskpanes/2010/11

Referenced by: CT_OsfTaskpane

A complex type that specifies the floating location information for a persisted taskpane object.

Attributes:

left: A double ([XMLSCHEMA2] section 3.2.5) attribute that specifies the left coordinate of the last persisted floating location of the taskpane object.

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top: A double ([XMLSCHEMA2] section 3.2.5) attribute that specifies the top coordinate of the last persisted floating location of the taskpane object**.**

height: A double ([XMLSCHEMA2] section 3.2.5) attribute that specifies the last persisted height of the taskpane object**.**

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

```
<xsd:complexType name="CT_OsfTaskpaneFloatData">
  <xsd:attribute name="left" type="xsd:double" use="required"/>
  <xsd:attribute name="top" type="xsd:double" use="required"/>
  <xsd:attribute name="height" type="xsd:double" use="required"/>
</xsd:complexType>
```

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

2.3.9 CT_WebExtensionReference

Target namespace: http://schemas.microsoft.com/office/webextensions/taskpanes/2010/11

Referenced by: CT_OsfTaskpane

A complex type that specifies a reference object to an Office Web Extension.

Attributes:

r:id: An **ST_RelationshipId** ([ISO/IEC-29500-4] section A.7.8) attribute that specifies the relationship identifier that is used to identify the web extension. The **r:id** attribute MUST be present.

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

```
<xsd:complexType name="CT_WebExtensionReference">
  <xsd:attribute ref="r:id" use="required"/>
</xsd:complexType>
```

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

2.3.10 CT_OsfTaskpane

Target namespace: http://schemas.microsoft.com/office/webextensions/taskpanes/2010/11

Referenced by: CT_OsfTaskpanes

A complex type that specifies a persisted taskpane object.

Child Elements:

webextension: A CT_WebExtensionReference element that specifies the reference to the Office Web Extension which the specified Task Pane renders.

float: A CT_OsfTaskpaneFloatData element that specifies the last persisted location information of the specified taskpane object.

Attributes:

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dockstate: An ST_DockState attribute that specifies the last-docked location of this taskpane object**.**

visibility: A Boolean ([XMLSCHEMA2] section 3.2.2) attribute that specifies whether the Task Pane shows as visible by default on document open.

width: A double ([XMLSCHEMA2] section 3.2.5) attribute that specifies the default width value for this taskpane instance**.**

row: An unsignedInt ([XMLSCHEMA2] section 3.3.22) attribute that specifies the index, enumerating from the outside to the inside, of this taskpane among other persisted taskpanes docked in the same default location**.**

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

```
<xsd:complexType name="CT_OsfTaskpane">
  <xsd:sequence>
    <xsd:element name="webextension" minOccurs="1" maxOccurs="1"
type="CT_WebExtensionReference"/>
    <xsd:element name="float" minOccurs="0" maxOccurs="1" type="CT_OsfTaskpaneFloatData"/>
  </xsd:sequence>
  <xsd:attribute name="dockstate" type="ST_DockState" use="required"/>
  <xsd:attribute name="visibility" type="xsd:boolean" use="required"/>
  <xsd:attribute name="width" type="xsd:double" use="required"/>
  <xsd:attribute name="row" type="xsd:unsignedInt" use="required"/>
</xsd:complexType>
```

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

2.3.11 CT_OsfTaskpanes

Target namespace: http://schemas.microsoft.com/office/webextensions/taskpanes/2010/11

Referenced by: taskpanes

A complex type that specifies a list of persisted taskpane objects**.**

Child Elements:

taskpane: A CT_OsfTaskpane element that specifies the information of a persisted taskpane object.

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

```
<xsd:complexType name="CT_OsfTaskpanes">
  <xsd:sequence>
    <xsd:element name="taskpane" minOccurs="0" maxOccurs="unbounded" type="CT_OsfTaskpane"/>
  </xsd:sequence>
</xsd:complexType>
```

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

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2.4 Simple Types

2.4.1 ST_BindingType

Target namespace: http://schemas.microsoft.com/office/webextensions/webextension/2010/11

Referenced by: CT_OsfWebExtensionBinding

A simple type that specifies the type of binding between a binding object in an Office Web Extension and content data in a document.

Value	Meaning
text	Specifies that the bound data is text.
matrix	Specifies that the bound data is in the form of tabular data without headings information.
table	Specifies that the bound data is in the form of tabular data with heading texts.

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

```
<xsd:simpleType name="ST_BindingType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="text"/>
    <xsd:enumeration value="matrix"/>
    <xsd:enumeration value="table"/>
  </xsd:restriction>
</xsd:simpleType>
```

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

2.4.2 ST_DockState

Target namespace: http://schemas.microsoft.com/office/webextensions/taskpanes/2010/11

Referenced by: CT_OsfTaskpane

A simple type that specifies the last-docked location of a Task Pane.

Value	Meaning
left	Dock location is at the left side of the current window.
right	Dock location is at the right side of the current window.
float	The Task Pane is not docked.

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

```
<xsd:simpleType name="ST_DockState">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="left"/>
    <xsd:enumeration value="right"/>
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```
      <xsd:enumeration value="float"/>
    </xsd:restriction>
  </xsd:simpleType>
```

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

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3 Structure Examples

3.1 Content Web Extension File

The following example shows the content of a web extension file, as specified in section 2.3.7.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<we:webextension
xmlns:we="http://schemas.microsoft.com/office/webextensions/webextension/2010/11"
id="{B1C15FE4-84FA-4773-AD36-9EF5444C5A01}">
  <we:reference id="Example1" version="15.0" store="C:\Example" storeType="Filesystem"/>
  <we:alternateReferences>
    <we:reference id="" version="15.0" store="" storeType="OMEX"/>
  </we:alternateReferences>
  <we:properties>
    <we:property name="Key2" value="Value2"/>
    <we:property name="Key1" value="Value1"/>
  </we:properties>
  <we:bindings/>
  <we:snapshot xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationships"
r:embed="rId1"/>
</we:webextension>
```

3.2 Taskpane Web Extension File

The following example shows the content of a taskpane web extension file, as specified in section 2.3.11.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<wetp:taskpanes
xmlns:wetp="http://schemas.microsoft.com/office/webextensions/taskpanes/2010/11">
  <wetp:taskpane dockstate="right" visibility="1" width="408" row="0">
    <wetp:webextension
xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationships" r:id="rId1"/>
    <wetp:float left="0" top="0" height="0"/>
  </wetp:taskpane>
</wetp:taskpanes>
```

3.3 Content Web Extension File with Bindings

The following example shows the content of a web extension file, as specified in section 2.3.7. The web extension contains a list of bindings into the corresponding spreadsheet.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<we:webextension
xmlns:we="http://schemas.microsoft.com/office/webextensions/webextension/2010/11"
id="{B1C15FE4-84FA-4773-AD36-9EF5444C5A01}">
  <we:reference id="Example3" version="15.0" store="C:\Example" storeType="Filesystem"/>
  <we:alternateReferences>
    <we:reference id="" version="15.0" store="" storeType="OMEX"/>
  </we:alternateReferences>
  <we:properties>
    <we:property name="Key2" value="Value2"/>
    <we:property name="Key1" value="Value1"/>
  </we:properties>
```

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```
  <we:bindings>
    <we:binding id="Text1" type="text" appref="{F7BD8A22-7E90-447C-B879-339B25F88DF4}"/>
    <we:binding id="Matrix1" type="matrix" appref="{92A3EB09-CEED-4F1F-AC74-37A542BD14C4}"/>
    <we:binding id="Table1" type="table" appref="{7A5FEE27-09CD-490E-BB34-122D16E45477}"/>
  </we:bindings>
  <we:snapshot xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationships"
r:embed="rId1"/>
</we:webextension>
```

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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 Schemas

For ease of implementation, the following sections provide the full XML schema for this protocol.

Schema name	Section
http://schemas.microsoft.com/office/webextensions/webextension/2010/11	5.1
http://schemas.microsoft.com/office/webextensions/taskpanes/2010/11	5.2

5.1 http://schemas.microsoft.com/office/webextensions/webextension/2010/11

```
<xsd:schema
targetNamespace="http://schemas.microsoft.com/office/webextensions/webextension/2010/11"
elementFormDefault="qualified" attributeFormDefault="unqualified"
xmlns="http://schemas.microsoft.com/office/webextensions/webextension/2010/11"
xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/main"
xmlns:a14="http://schemas.microsoft.com/office/drawing/2010/main"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:o="urn:schemas-microsoft-
com:office:office">
  <xsd:import namespace="http://schemas.openxmlformats.org/drawingml/2006/main"
schemaLocation="oartbasetypes.xsd"/>
  <xsd:import namespace="http://schemas.openxmlformats.org/drawingml/2006/main"
schemaLocation="oartspeffects.xsd"/>
  <xsd:complexType name="CT_OsfWebExtensionProperty">
    <xsd:attribute name="name" type="xsd:string" use="required"/>
    <xsd:attribute name="value" type="xsd:string" use="required"/>
  </xsd:complexType>
  <xsd:complexType name="CT_OsfWebExtensionPropertyBag">
    <xsd:sequence>
      <xsd:element name="property" minOccurs="0" maxOccurs="unbounded"
type="CT_OsfWebExtensionProperty"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:simpleType name="ST_BindingType">
    <xsd:restriction base="xsd:token">
      <xsd:enumeration value="text"/>
      <xsd:enumeration value="matrix"/>
      <xsd:enumeration value="table"/>
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:complexType name="CT_OsfWebExtensionBinding">
    <xsd:attribute name="id" type="xsd:string" use="required"/>
    <xsd:attribute name="type" type="ST_BindingType" use="required"/>
    <xsd:attribute name="appref" type="xsd:string" use="required"/>
  </xsd:complexType>
  <xsd:complexType name="CT_OsfWebExtensionBindingList">
    <xsd:sequence>
      <xsd:element name="binding" minOccurs="0" maxOccurs="unbounded"
type="CT_OsfWebExtensionBinding"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:complexType name="CT_OsfWebExtensionReference">
    <xsd:attribute name="id" type="xsd:string" use="required"/>
    <xsd:attribute name="version" type="xsd:string" use="required"/>
    <xsd:attribute name="store" type="xsd:string"/>
    <xsd:attribute name="storeType" type="xsd:string" use="optional"/>
```

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```
  </xsd:complexType>
  <xsd:complexType name="CT_OsfWebExtensionReferenceList">
    <xsd:sequence>
      <xsd:element name="reference" minOccurs="0" maxOccurs="unbounded"
type="CT_OsfWebExtensionReference"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:complexType name="CT_OsfWebExtension">
    <xsd:sequence>
      <xsd:element name="reference" type="CT_OsfWebExtensionReference"/>
      <xsd:element name="alternateReferences" type="CT_OsfWebExtensionReferenceList"
minOccurs="0" maxOccurs="1"/>
      <xsd:element name="properties" type="CT_OsfWebExtensionPropertyBag"/>
      <xsd:element name="bindings" type="CT_OsfWebExtensionBindingList"/>
      <xsd:element name="snapshot" type="a:CT_Blip" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="extLst" type="a:CT_OfficeArtExtensionList" minOccurs="0"
maxOccurs="1"/>
    </xsd:sequence>
    <xsd:attribute name="id" type="xsd:string" use="required"/>
  </xsd:complexType>
  <xsd:element name="webextension" type="CT_OsfWebExtension"/>
</xsd:schema>
```

5.2 http://schemas.microsoft.com/office/webextensions/taskpanes/2010/11

```
<xsd:schema
targetNamespace="http://schemas.microsoft.com/office/webextensions/taskpanes/2010/11"
elementFormDefault="qualified" attributeFormDefault="unqualified"
xmlns="http://schemas.microsoft.com/office/webextensions/taskpanes/2010/11"
xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationships"
xmlns:we="http://schemas.microsoft.com/office/webextensions/webextension/2010/11"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <xsd:import
namespace="http://schemas.microsoft.com/office/webextensions/webextension/2010/11"
schemaLocation="osfwebextension.xsd"/>
  <xsd:import namespace="http://schemas.openxmlformats.org/officeDocument/2006/relationships"
schemaLocation="orel.xsd"/>
  <xsd:complexType name="CT_OsfTaskpaneFloatData">
    <xsd:attribute name="left" type="xsd:double" use="required"/>
    <xsd:attribute name="top" type="xsd:double" use="required"/>
    <xsd:attribute name="height" type="xsd:double" use="required"/>
  </xsd:complexType>
  <xsd:simpleType name="ST_DockState">
    <xsd:restriction base="xsd:token">
      <xsd:enumeration value="left"/>
      <xsd:enumeration value="right"/>
      <xsd:enumeration value="float"/>
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:complexType name="CT_WebExtensionReference">
    <xsd:attribute ref="r:id" use="required"/>
  </xsd:complexType>
  <xsd:complexType name="CT_OsfTaskpane">
    <xsd:sequence>
      <xsd:element name="webextension" minOccurs="1" maxOccurs="1"
type="CT_WebExtensionReference"/>
      <xsd:element name="float" minOccurs="0" maxOccurs="1" type="CT_OsfTaskpaneFloatData"/>
    </xsd:sequence>
    <xsd:attribute name="dockstate" type="ST_DockState" use="required"/>
```

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```
    <xsd:attribute name="visibility" type="xsd:boolean" use="required"/>
    <xsd:attribute name="width" type="xsd:double" use="required"/>
    <xsd:attribute name="row" type="xsd:unsignedInt" use="required"/>
  </xsd:complexType>
  <xsd:complexType name="CT_OsfTaskpanes">
    <xsd:sequence>
      <xsd:element name="taskpane" minOccurs="0" maxOccurs="unbounded"
type="CT_OsfTaskpane"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:element name="taskpanes" type="CT_OsfTaskpanes"/>
</xsd: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 released service packs:

- Microsoft® Word 15 Technical Preview
- Microsoft® Excel® 15 Technical Preview

Exceptions, if any, are noted below. If a service pack or Quick Fix Engineering (QFE) number appears with the product version, behavior changed in that service pack or QFE. The new behavior also applies to subsequent service packs of the product 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.

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7 Change Tracking

No table of changes is available. The document is either new or has had no changes since its last release.

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