

PostMessage API

WOPI OxOffice Online iFrame PostMessage API
OxOffice Online WOPI

API WOPI

```
{
  "MsgId": "<MsgId>",
  "SendTime": "<Timestamp when message is sent>",
  "Values": {
    "<key>": "<value>"
  }
}
```

SendTime

Date.now()

 WOPI PostMessage

WOPI Host_PostmessageReady OxOffice Online
WOPI

 OxOffice Online iFrame OxOffice Online WOPI
CheckFileInfo

PostMessageOrigin

 OxOffice Online



 WOPI

MessageID	Values	
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App_LoadingStatus

Status: <String>
DocumentLoadedTime:
<Timestamp>
Features:
{ "VersionStates": true }

Status

• Frame_Ready

OxOffice Online

• Features

- VersionStates

• Document_Loaded

WOPI

PostMessage API

DocumentLoadedTime

• Failed

WOPI

OxOffice Online

WOPI

MessageID	Values	<div></div>
Host_PostmessageReady		<div>OxOffice Online</div> WOPI <div></div> <div></div> PostMessage <div></div>

WOPI PostMessage API MessageID "_Resp"

WOPI

MessageID	Values	<div></div>
Get_Views		<div><div></div> MessageID <div></div><div>Get_Views_Resp</div> <div></div></div>
Get_Export_Formats		<div><div></div></div>

WOPI

MessageID	Values	
Get_Views_Resp	<div>[{ ViewId: <Number> UserId: <String> UserName: <String> Color: <Number> ReadOnly: <Boolean> IsCurrentView: <Boolean> },...]</div>	<div><div>Get_Views</div><div></div></div>
Get_Export_Formats_Resp	<div>[{ Label: <String> Format: <String> },...]</div>	<div><div>Get_Export_Formats</div><div><div>Label</div><div></div><div>Format</div><div></div></div></div>

WOPI

MessageID	Values	
Action_RemoveView	<div>ViewId: <Number></div>	<div><div>Id</div><div></div><div></div></div>

 WOPI

MessageID	Values	
Views_List	<div>Get_Views_Resp</div>	<div><div></div><div></div><div></div></div>

WOPI

MessageId	Values	
Action_Save	<div>DontTerminateEdit: <boolean> DontSavelfUnmodified: <boolean> Notify: <boolean> ExtendedData: <String></div>	<div><div></div><ul style="list-style-type: none">DontTerminateEdit trueDontSavelfUnmodified OxOffice OnlineNotify trueExtendedData X-LOOL-WOPI-ExtendedDataWOPIOxOffice Online WOPI</div>
Action_SaveAs	<div>Filename: <String> Notify: <boolean></div>	<div><div></div><ul style="list-style-type: none">FilenameNotify trueWOPI</div>
Action_FollowUser	<div>Follow: <Boolean> ViewId: <Number></div>	<div><div></div><ul style="list-style-type: none">Follow true / falseViewId ID</div>
Action_Close		<div></div>
Action_Print		<div></div>
Action_Export	<div>Format: <String></div>	<div>Format Get_Export_Formats</div>
Action_InsertGraphics	<div>url: <String></div>	<div></div>

MessageId	Values	Schema
Action_ShowBusy	<div>Label: <String></div>	<div>Label <div></div></div>
Action_HideBusy		<div></div>
Action_ChangeUIMode	<div>Mode:'classic' 'notebookbar'</div>	<div><div></div><ul style="list-style-type: none">classic<div></div>notebookbar<div></div></div>
Action_Paste	<div>Mimetype: <string></div> <div>Data: <string></div>	<div></div> <div><div></div><div>Values: {Mimetype: "text/plain;charset=utf-8", Data: "haha"};}</div></div>

WOPI

MessageId	Values	Schema
Action_Load_Resp	<div>success: <boolean></div> <div>result: <string></div> <div>errorMsg: <string></div>	<div><div></div><ul style="list-style-type: none">success true falseresult <div></div>errorMsg <div></div><div>WOPI</div></div>

MessageId	Values	
Action_Save_Resp	<div>success: <boolean></div> <div>result: <string></div> <div>errorMsg: <string></div> <div>fileName: <string></div>	<div><div>■■■■■■■■</div><div>Action_Save</div><div>■■</div></div> <div>Action_SaveAs PostMessage API ■ Notify</div> <div>■■■ true ■■■■■■■■</div> <div><div>• success true ■■ false</div><div>■■■</div><div>• result</div><div>■■■■■■■■■■</div><div>■■■■■■■■■■</div><div>■■■■ unmodified■■</div><div>■■■■ WOPI</div><div>■■■■■■■■■■</div><div>■■■■</div><div>• errorMsg</div><div>■■■■■■■■■■</div><div>■■■■ WOPI</div><div>■■■■■■■■</div><div>• fileName ■■ success ■</div><div>true</div><div>■■■■■■■■</div></div>
FollowUser_Changed	<div>FollowedViewId: <Number></div> <div>IsFollowUser: <Boolean></div> <div>IsFollowEditor: <Boolean></div>	<div>■■■■■■</div> <div><div>• FollowedViewId</div><div>■■■■■■■■</div><div>• IsFollowUser</div><div>■■■■■■■■</div><div>• IsFollowEditor</div><div>■■■■■■■■</div><div>• ■■ IsFollowUser ■</div><div>IsFollowEditor ■■ false</div><div>■■■■■■■■</div></div>
Action_ChangeUIMode_Resp	<div>Mode: <string></div>	<div>■■■■■■</div> <div>Mode ■■■■■■</div>



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MessageId	Values	
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<div>Insert_Button</div>	<div>id: <string> imgurl: <string> hint: <string> accessKey: <string> mobile: <boolean> tablet: <boolean> insertBefore: <string> unoCommand: <string></div>	<div><div></div><div></div><div>unoCommand</div><div>Clicked_Button</div><div>WOPI</div><div>WOPI</div><div><div>id</div><div>ID</div></div><div><div>ID</div></div><div><div>imgurl</div><div>24x24 px</div><div>WOPI</div><div>Content-Security-Policy</div></div><div><div>hint</div></div><div><div>accessKey</div><div>Alt</div><div>Alt+Shift</div></div><div><div>mobile</div></div><div><div>tablet</div></div><div><div>insertBefore</div><div>ID</div></div><div><div>unoCommand</div><div>UNO</div></div><div>Clicked_Button</div><div>WOPI</div><div>LibreOffice</div></div>
<div>Hide_Button</div>	<div>id: <string></div>	<div><div>id</div><div>ID</div></div>
<div>Show_Button</div>	<div>id: <string></div>	<div><div>id</div><div>ID</div></div>
<div>Remove_Button</div>	<div>id: <string></div>	<div><div>id</div><div>ID</div></div>

Remove_Statusbar_Element	id: <string>	<div><div></div><div>id</div><div></div><div>ID</div></div> <div><div></div><div></div><div></div><div>ID</div></div>
Hide_Menubar		<div><div></div></div>
Show_Menubar		<div><div></div></div>
Grab_Focus		<div><div></div><div></div><div></div><div></div><div>Grab_Focus</div><div></div><div></div></div>
Hide_Ruler		<div><div></div><div>Writer</div><div></div></div>
Show_Ruler		<div><div></div><div>Writer</div><div></div></div>
Hide_Menu_Item	id: <string>	<div><div><div></div><div>id</div><div></div><div>ID</div></div><div></div><div><ul style="list-style-type: none"><div></div><div><u>uiconfig/text/menubar.json</u></div><div></div><div><u>uiconfig/spreadsheet/menubar.json</u></div><div></div><div><u>uiconfig/presentation/menubar.json</u></div><div></div><div><u>uiconfig/drawing/menubar.json</u></div></div></div>
Show_Menu_Item	id: <string>	<div><div><div></div><div>id</div><div></div><div>ID</div></div><div><div></div><div>Hide_Menu_Item</div></div></div>

<div>Disable_Default_UIAction</div>	<div> <div> <div>action: <string></div> <div>disable: <Boolean></div> </div> </div>	<div> <div> <div> <div>UI</div> <div> <ul style="list-style-type: none"> action disable (true) (false) </div> </div> <div> <div>true</div> <div>postMessage</div> <div>WOPI</div> <div>postMessage</div> </div> <div> <div> <div>UI_SaveAs</div> <div>UI_Share</div> <div>postMessage</div> </div> <div> <div>UI_Save</div> <div>Disable_Default_UIAction</div> <div>UI_Save</div> <div>UI_Save</div> <div>WOPI</div> <div>Action_Save</div> </div> <div> <div>UI_Close</div> <div>UI_Close</div> <div>postMessage</div> <div>WOPI</div> <div>Action_Close</div> </div> <div> <div>WOPI</div> <div>Action_xxyyzz</div> <div> <div>UI_Save</div> <div>UI_Close</div> <div>UI_Hyperlink</div> </div> </div> </div> </div> </div>
<div>Send_UNO_Command</div>	<div> <div> <div>Command: <string></div> <div>Args: <object></div> </div> </div>	<div> <div> <div>UNO</div> <div>framed.doc.html</div> </div> </div>



ID

ID getToolItems/create

- Control.TopToolBar.js
- Control.MobileTopBar.js

- ID

ID

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Control.StatusBar.js □ onDocLayerInit □□□□□□□□□□□□□□□□

ID

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MessageId	Values	API
Clicked_Button	id: <string>	Insert_Button API
Download_As	Type: 'print' 'slideshow' 'export' URL: <string>	WOPI CheckFileInfo DownloadAsPostMessage
UI_Close	EverModified: true false	EverModified
UI_Save	source: 'filemenu' 'notebookbar' 'toolbar'	source
UI_CreateFile	DocumentType: 'text' 'spreadsheet' 'presentation' 'drawing'	WOPI DocumentType text spreadsheet presentation drawing

MessageId	Values	
UI_SaveAs		<div><div>WOPI</div><div>UI</div><div></div><div></div><div></div><div>WOPI</div><div>Action_SaveAs</div><div></div></div>
UI_Cancel_Password		<div><div>WOPI</div><div></div><div></div></div>
UI_Hyperlink		<div><div>WOPI</div><div></div><div></div><div>OxOffice Online</div><div>iframe</div><div>App</div><div></div><div>Android</div><div>Activity</div><div>iOS</div><div></div><div>WOPI</div><div>Disable_Default_UIAction</div><div>UI_Hyperlink</div></div>
Doc_ModifiedStatus	Modified: true false	<div><div></div><div>Modified</div><div>true</div><div>Modified</div><div>false</div><div></div><div></div><div>Modified</div></div>

Python

WOPI

MessageId	Values	
CallPythonScript	ScriptFile: <string> Function: <string> Values: <object>	<div><div>Python</div><div><div>ScriptFile</div><div>Function</div><div>Values key: value, ...</div></div></div>

MessageId	Values	
CallPythonScript-Result	<div>commandName: <string> Values: <object></div>	<div><div></div> Python <div></div><div></div> URL<div>commandName</div></div>

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