

# 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

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> 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



WOPI   

MessageId	Values	
Action_Save	<div>DontTerminateEdit: &lt;boolean&gt; DontSavelfUnmodified: &lt;boolean&gt; Notify: &lt;boolean&gt; ExtendedData: &lt;String&gt;</div>	<div><div></div><ul style="list-style-type: none"><li>DontTerminateEdit<div></div><div>true</div><div></div></li><li>DontSavelfUnmodified<div></div><div>OxOffice Online</div><div></div></li><li>Notify <input type="checkbox"/> true <div></div><div>WOPI <div></div> <div>Action_Save_Resp</div></div></li><li>ExtendedData <div></div> X-LOOL-WOPI- ExtendedData <div></div><div>WOPI <div></div><div></div><div>OxOffice Online <div></div> WOPI</div><div></div></div></li></ul></div>
Action_SaveAs	<div>Filename: &lt;String&gt; Notify: &lt;boolean&gt;</div>	<div><div></div><ul style="list-style-type: none"><li>Filename <div></div></li><li>Notify <input type="checkbox"/> true <div></div><div>WOPI <div></div> <div>Action_Save_Resp</div></div></li></ul></div>
Action_FollowUser	<div>Follow: &lt;Boolean&gt; ViewId: &lt;Number&gt;</div>	<div><div></div><div></div><ul style="list-style-type: none"><li>Follow true <input type="checkbox"/> / false <input type="checkbox"/></li><li>ViewId <div></div> ID <div></div></li></ul></div>
Action_Close		<div><div></div></div>
Action_Print		<div><div></div></div>
Action_Export	<div>Format: &lt;String&gt;</div>	<div><div>Format <div></div></div><div>Get_Export_Formats <div></div></div></div>
Action_InsertGraphics	<div>url: &lt;String&gt;</div>	<div><div></div></div>

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

WOPI

MessageId	Values	Details
Action_Load_Resp	<div> <div>success: &lt;boolean&gt;</div> <div>result: &lt;string&gt;</div> <div>errorMsg: &lt;string&gt;</div> </div>	<div> <div> <ul style="list-style-type: none"> <li>success true false</li> <li>result</li> <li>errorMsg</li> </ul> </div> <div>WOPI</div> </div>

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



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



- \_\_\_\_\_ 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>	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>WOPI</div><div>Action_SaveAs</div></div>
UI_Cancel_Password		<div><div>WOPI</div></div>
UI_Hyperlink		<div><div>WOPI</div><div>OxOffice Online</div><div>iframe</div><div>App</div><div>Android</div><div>Activity</div><div>iOS</div><div>WOPI</div><div>Disable_Default_UIAction</div><div>UI_Hyperlink</div></div>
Doc_ModifiedStatus	Modified: true   false	<div><div>Modified</div><div>true</div><div>Modified</div><div>false</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</div></div><div>key: value, ...</div></div>

MessageId	Values	[[
CallPythonScript-Result	<div>commandName: &lt;string&gt; Values: &lt;object&gt;</div>	<div>[[ Python ]]</div> <div>[[ ]]</div> <div>URL</div> <div>commandName</div>

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