

# 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></div> OxOffice Online <div></div> WOPI <div></div> PostMessage <div></div>

WOPI  PostMessage API  MessageID  "\_Resp"

WOPI

MessageID	Values	<div></div>
Get_Views		<div></div> MessageID <div></div> <div></div> Get_Views_Resp <div></div>
Get_Export_Formats		<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 true</li><li>DontSavelfUnmodified OxOffice Online</li><li>Notify true</li><li>ExtendedData X-LOOL-WOPI-</li><li>ExtendedData</li><li>WOPI</li><li>OxOffice Online WOPI</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</li><li>Notify true</li><li>WOPI</li></ul></div>
Action_FollowUser	<div>Follow: &lt;Boolean&gt; ViewId: &lt;Number&gt;</div>	<div><div></div><ul style="list-style-type: none"><li>Follow true / false</li><li>ViewId ID</li></ul></div>
Action_Close		<div></div>
Action_Print		<div></div>
Action_Export	<div>Format: &lt;String&gt;</div>	<div>Format Get_Export_Formats</div>
Action_InsertGraphics	<div>url: &lt;String&gt;</div>	<div></div>

MessageId	Values	Schema
Action_ShowBusy	<div>Label: &lt;String&gt;</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"><li>classic<div></div></li><li>notebookbar<div></div></li></ul></div>
Action_Paste	<div>Mimetype: &lt;string&gt;</div> <div>Data: &lt;string&gt;</div>	<div></div> <div></div> <div>Values: {Mimetype: "text/plain;charset=utf-8", Data: "haha"};}</div>

WOPI

MessageId	Values	Schema
Action_Load_Resp	<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 <div></div></li><li>errorMsg <div></div></li></ul><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> <div>Action_SaveAs PostMessage API Notify</div> <div><div></div><div>true</div><div></div></div> <div><div>•</div><div>success</div><div>true</div><div></div><div>false</div></div> <div><div></div></div> <div><div>•</div><div>result</div><div></div></div> <div><div></div></div> <div><div></div></div> <div><div></div><div>unmodified</div><div></div></div> <div><div></div><div>WOPI</div><div></div></div> <div><div></div></div> <div><div>•</div><div>errorMsg</div><div></div></div> <div><div></div></div> <div><div></div><div>WOPI</div><div></div></div> <div><div></div></div> <div><div>•</div><div>fileName</div><div></div><div>success</div><div></div></div> <div><div>true</div></div> <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> <div><div>•</div><div>FollowedViewId</div><div></div></div> <div><div>•</div><div>IsFollowUser</div><div></div></div> <div><div>•</div><div>IsFollowEditor</div><div></div></div> <div><div>•</div><div></div><div>IsFollowUser</div><div></div><div>IsFollowEditor</div><div></div><div>false</div></div> <div><div></div></div>
Action_ChangeUIMode_Resp	<div>Mode: &lt;string&gt;</div>	<div><div></div></div> <div>Mode <div></div></div>



WOPI

MessageId	Values	
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<div>Insert_Button</div>	<div>id: &lt;string&gt; imgurl: &lt;string&gt; hint: &lt;string&gt; accessKey: &lt;string&gt; mobile: &lt;boolean&gt; tablet: &lt;boolean&gt; insertBefore: &lt;string&gt; unoCommand: &lt;string&gt;</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: &lt;string&gt;</div>	<div><div>id</div><div>ID</div></div>
<div>Show_Button</div>	<div>id: &lt;string&gt;</div>	<div><div>id</div><div>ID</div></div>
<div>Remove_Button</div>	<div>id: &lt;string&gt;</div>	<div><div>id</div><div>ID</div></div>







- \_\_\_\_\_ ID \_\_\_\_\_

ID

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Control.StatusBar.js onDocLayerInit

ID

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WOPi

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>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>ScriptFile</div><div>Function</div><div>Values</div><div>key:</div><div>value, ...</div></div>

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

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