

PostMessage API

WOPI OxOffice Online iFrame PostMessage API
OxOffice Online WOPI

API WOPI

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



WOPI [] [] [] []

MessageID	Values	
Action_RemoveView	<pre>ViewId: <Number></pre>	<pre>[[] Id []]</pre>

[] [] WOPI [] []

MessageID	Values	
Views_List	<pre>[Get_Views_Resp []]</pre>	<pre>[[] []]</pre>



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MessageId	Values	□□
Action_Save	<div style="border: 1px solid gray; padding: 5px; margin-bottom: 5px;">DontTerminateEdit: <boolean></div> <div style="border: 1px solid gray; padding: 5px; margin-bottom: 5px;">DontSaveIfUnmodified: <boolean></div> <div style="border: 1px solid gray; padding: 5px; margin-bottom: 5px;">Notify: <boolean></div> <div style="border: 1px solid gray; padding: 5px;">ExtendedData: <String></div>	□□□□ <ul style="list-style-type: none"> • DontTerminateEdit □□□□□□□□□□□□□□□□ □□□□ true □□□□□□□□□□□□□□□□ • DontSaveIfUnmodified □□□□□□□□□□□□□□□□ □□ OxOffice Online □□□□□□□□□□ • Notify □□ true □□□□□□□□□□ WOPI □□□□□□□□ Action_Save_Resp • ExtendedData □□□□ X-LOOL-WOPI- ExtendedData □□□□□□□□□□□□ WOPI □□ □□□□□□□□□□□□□□□□ □ OxOffice Online □□□□□□□□ WOPI □□□□□□□□□□
Action_SaveAs	<div style="border: 1px solid gray; padding: 5px; margin-bottom: 5px;">Filename: <String></div> <div style="border: 1px solid gray; padding: 5px;">Notify: <boolean></div>	□□□□□□□□□□□□□□□□ <ul style="list-style-type: none"> • Filename □□□□□□ • Notify □□ true □□□□□□□□□□ WOPI □□□□□□□□ Action_Save_Resp
Action_FollowUser	<div style="border: 1px solid gray; padding: 5px; margin-bottom: 5px;">Follow: <Boolean></div> <div style="border: 1px solid gray; padding: 5px;">ViewId: <Number></div>	□□□□□□□□□□□□□□□□ □□□□ <ul style="list-style-type: none"> • Follow true □□ / false □□□□ • ViewId □□□□□□□□ ID□
Action_Close		□□□□
Action_Print		□□□□
Action_Export	<div style="border: 1px solid gray; padding: 5px;">Format: <String></div>	□ Format □□□□□□□□□□□□□□ Get_Export_Formats □□□□□□□□□□
Action_InsertGraphics	<div style="border: 1px solid gray; padding: 5px;">url: <String></div>	□□□□□□□□□□□□□□□□

MessageId	Values	{}
Action_ShowBusy	Label: <String>	{} Lable {}
Action_HideBusy		{}
Action_ChangeUIMode	Mode: 'classic' {} 'notebookbar'	{} • classic {} • notebookbar {}
Action_Paste	Mimetype: <string> Data: <string>	{} {} Values: {Mimetype: "text/plain;charset=utf-8", Data: "haha"};}

{} {} WOPI {}

MessageId	Values	{}
Action_Load_Resp	success: <boolean> result: <string> errorMsg: <string>	{} • success true {} false {} • result {} • errorMsg {} {} WOPI {}

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



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MessageId	Values	
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Host_VersionRestore	Status: <string>	<pre> XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX OxOffice Online XXXXXXXXXX XX Pre_Restore XX XX </pre>
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XX WOPI XX

Messageld	Values	XX
App_VersionRestore	Status: <string>	<pre> XX Host_VersionRestore XXXXXX XX Status XX Pre_Restore_Ack XX WOPI XXXXXXXXXX </pre>

XX App>LoadingStatus XXXX **VersionStates** XXXXXXXX
 XXXXXXXXXXXXXXXXXXXX

XX

WOPI XX XX XX

Messageld	Values	XX
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Remove_Statusbar_Element	id: <string>	<pre> XXXXXXXXXX id XXXXX ID XXXXXX XXXXXX ID </pre>
Hide_Menubar		<pre> XXXXXXXXXX </pre>
Show_Menubar		<pre> XXXXXXXXXX </pre>
Grab_Focus		<pre> XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX Grab_Focus XXXXXXXXXXXXXXXXXXXX XX </pre>
Hide_Ruler		<pre> XXXXXXXXXXXXXXXXXXXX Writer XX </pre>
Show_Ruler		<pre> XXXXXXXXXXXXXXXXXXXX Writer XX </pre>
Hide_Menu_Item	id: <string>	<pre> XXXXXXXXXXXX id XXXX ID XXXXXXXXXXXX • XXXXX uiconfig/text/menubar.json • XXXXX uiconfig/spreadsheet/menubar.json • XXXXX uiconfig/presentation/menubar.json • XXXXX uiconfig/drawing/menubar.json </pre>
Show_Menu_Item	id: <string>	<pre> XXXXXXXXXXXX id XXXX ID XXXXXXXXXXXX Hide_Menu_Item </pre>

<p>Disable_Default_UIAction</p>	<p>action: <string> disable: <Boolean></p>	<pre> [] UI [] • action [] • disable [] (true) [] (false) [] [] true [] postMessage [] WOPI [] postMessage [] [] UI_SaveAs [] UI_Share [] [] postMessage [] [] UI_Save [] [] Disable_Default_UIAction [] UI_Save [] [] UI_Save [] WOPI [] Action_Save [] [] UI_Close [] UI_Close [] postMessage [] WOPI [] Action_Close [] WOPI [] [] Action_xxyzz [] [] UI_Save [] UI_Close [] UI_Hyperlink [] </pre>
<p>Send_UNO_Command</p>	<p>Command: <string> Args: <object></p>	<pre> [] UNO [] framed.doc.html </pre>



ID

[] ID [] getToolItems/create []

- [Control.TopToolBar.js](#)[]
- [Control.MobileTopBar.js](#)[]

MessageId	Values	
UI_SaveAs		<p>WOPI UI</p> <p>WOPI</p> <p>Action_SaveAs</p>
UI_Cancel_Password		<p>WOPI</p>
UI_Hyperlink		<p>WOPI</p> <p>OxOffice Online iframe</p> <p>App</p> <p>Android Activity iOS</p> <p>WOPI</p> <p>Disable_Default_UIAction</p> <p>UI_Hyperlink</p>
Doc_ModifiedStatus	<div style="border: 1px solid gray; padding: 5px; width: fit-content;">Modified: true false</div>	<p>Modified true</p> <p>Modified</p> <p>false</p> <p>Modified</p>

Python

WOPI

MessageId	Values	
CallPythonScript	<div style="border: 1px solid gray; padding: 5px; width: fit-content;"> <p>ScriptFile: <string></p> <p>Function: <string></p> <p>Values: <object></p> </div>	<p>Python</p> <ul style="list-style-type: none"> ScriptFile Function Values key: value, ...

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

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