

TV.WINDOW

This class supports window control of TV in use.

Add the following line for tv.window class into a html file your own :

```
<script type="text/javascript" src="$MANAGER_WIDGET/Common/webapi/1.0/webapis.js"></script>
```

You can declare tv.window class like this :

```
ex) var tvWindow = webapis.tv.window;
```

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Methods

getAvailableWindow

Description

Gets the number of available sub-window.

Parameters

- successCallback
 - Function
 - To be invoked if the operation is successfully
- errorCallback (Optional)
 - Function
 - Function called when an error occurs

Return

■ Void

Emulator Support

Y

SDK Constraint

None

Example

```
try {
    webapis.tv.window.getAvailableWindow(successCB, errorCallback);
} catch (error) {
    console.log(error.name);
}
```

getSource

Description

This function returns the current Source Information.

Parameters	■windowID (Optional) - Window ID - window identifier. Deault is main window
Return	■SourceInfo - specifies the options for source information
Emulator Support	Y
SDK Constraint	None

Example

```
var source = webapis.tv.window.getSource(windows[i]);
```

hide

Description

This function upon execution hides the PIP window. It returns true on success and false on failure

Parameters	■windowID - subwindow id
Return	■Boolean - true : success - false : failure
Emulator Support	Y
SDK Constraint	None

Example

```
function successCB(windows) {  
    for (var i = 0; i < windows.length; i++) {  
        if (i == 0) {  
            if (webapis.tv.window.hide(windows[i])) { console.log("window #0 is hidden");  
  
            }  
        }  
    }  
}
```

setRect

Description

This function is used to set the display area of the tvScreen. It takes rectangle dimensions as parameter and subWindowID as optional parameter.

Parameters	■Rect - Window display area ■SubWindowID (Optional) - Subwindow id
Return	■Boolean - true : success - false : failure
Emulator Support	Y
SDK Constraint	None

Example

```
var retValue = deviceapis.tv.window.setRect(srect);
```

setSource

Description

This function is used to change the TV Source (TV or DVI or PC..).

Parameters	<ul style="list-style-type: none">■windowID<ul style="list-style-type: none">- window ID- 0: Main window■source (Optional)<ul style="list-style-type: none">- Source information
------------	--

Return	<ul style="list-style-type: none">■Boolean<ul style="list-style-type: none">- true : success- false : failure
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Emulator Support	Y
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SDK Constraint	None
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Example

```
.
```

show

Description

This function upon execution shows the PIP window.

Parameters	<ul style="list-style-type: none">■windowID<ul style="list-style-type: none">- subwindow id
------------	---

Return	<ul style="list-style-type: none">■Boolean<ul style="list-style-type: none">- true : success- false : failure
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Emulator Support	Y
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SDK Constraint	None
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Example

```
function successCB(windows) {  
    for (var i = 0; i < windows.length; i++) {  
        if (i == 0) {  
            if (webapis.tv.window.show(windows[i])) {  
                console.log("window #0 is shown");  
            }  
        }  
    }  
}
```