

CAPH.PLATFORM.DTV.DEVICE

Device is an object which provides various kinds of methods related to a DTV platform. The main APIs of Device are 'seffPlugin', 'plugin', 'registerKey' and 'unregisterKey.' Using seffPlugin method, a user can get a plugin or result of that method of plugin executed. Using plugin method, a user can get a plugin. Using registerKey method, a user can register a key code. Also, using unregisterKey method, a user can unregister a key code.

Contents

Methods

[hideSettingPopup](#)
[registerKey](#)
[showSettingPopup](#)
[unRegisterKey](#)
[setVolumeAndChannelControl](#)
[setVolumeControl](#)
[checkSupportedFeature](#)
[getTargetLocation](#)
[plugin](#)
[seffPlugin](#)
[getScreenSize](#)
[getAudioOutputDevice](#)

Methods

hideSettingPopup	
Description	
Hides setting popup of DTV.	
Parameters	■Void
Return	■Void
Emulator Support	Y
SDK Constraint	none
Example	
caph.platform.dtv.Device.hideSettingPopup();	
registerKey	
Description	
Registers the keycode.	
Parameters	■keyCode - Number - keycode mapping DTV. One of caph.key.enumeration
Return	■Void
Emulator Support	Y
SDK Constraint	none
Example	
caph.platform.dtv.Device.registerKey(caph.key.VOL_UP);	
showSettingPopup	
Description	
Shows setting popup of DTV.	
Parameters	■mode - Number * mode 0 : Sound setting. * mode 1 : Picture setting. ■callback (Optional) - Function - callback function to be called when the popup is closed.
Return	■Object - Return value of Nnavi.ActivateWithData() method.
Emulator Support	Y
SDK Constraint	none
Example	
caph.platform.dtv.Device.showSettingPopup(1, function () { console.log('callback is called'); });	
unRegisterKey	

plugin

Description

Returns plugin

Parameters	■name - String - Plugin name as below. * 'TV', 'TVMW', 'NNavi', 'Audio', 'APPCCommon', 'FrontPanel', 'ImageViewer', 'Player', 'AUI', 'Storage', 'Network', 'Download', 'Screen', 'Time', 'Video', 'Window', 'ExternalWidgetInterface', 'FileSystem', 'Gamepad', 'Microph'
Return	■Object - plugin
Emulator Support	Y
SDK Constraint	none

Example

```
var np = caph.platform.dtv.Device.plugin('NNavi');  
  
np.SendEventToDevice(EVENT_TO_DEVICE_HIDE_TOOLS, 0);
```

sefPlugin

Description

Returns plugin or result that method of plugin is executed

Parameters	■name - String - Name of plugin ■method (Optional) - String - Method of plugin will be executed
Return	■Object - If optional parameter is not input, plugin is returned ■Return value of method of plugin - If optional parameter is input, return value of method of plugin is returned.
Emulator Support	Y
SDK Constraint	none

Example

```
var nTargetLocation = caph.platform.dtv.Device.sefPlugin('TV', 'GetTargetLocation');  
doSomething(nTargetLocation);
```

getScreenSize

Description

Returns the screen resolution of the device

Parameters	■Void
Return	■Array - An array of [width, height]
Emulator Support	Y
SDK Constraint	none

Example

```
var size = caph.platform.dtv.Device.getScreenSize();
```

getAudioOutputDevice

Description

Returns Audio Output Device type.

Parameters	■Void
Return	■String - this means the type of audio output device. - [default : unknown]
Emulator Support	Y
SDK Constraint	none

Example

```
var str = caph.platform.dtv.Device.getAudioOutputDevice( );  
doSomething(str);
```