

NNAVI

Controls Samsung Smart TV-specific commands on the DTV platform (for example, DUID, ServerType, and so on).

Add the following line for NNAvi class into a html file your own :

```
<object id="plugin" classid="clsid:SAMSUNG-INFOLINK-SEF" style="width:0px; height:0px;"></object>
```

You can declare NNAvi class like this :

```
ex) plugin = document.getElementById("plugin");

    plugin.Open('NNAvi', '1.016', 'NNAvi');

    plugin.Execute('method', 'parm1', 'parm2');
```

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Constants

Name	Value	Description
PL_NNAVI_SYSTEM_VERSION_LEEUM	0	The LEEUM Platform version
PL_NNAVI_SYSTEM_VERSION_COMP	1	The COMP version
PL_ST_SERVICE	0	Official Release server
PL_ST_DEVELOPMENT	1	Development server for testing
PL_ST_DEVELOPING	2	Developing server including testing and only for developer

Methods

GetServerType

Description

The GetServerType returns whether now Samsung Hubsite is for Development or Official release.	
Parameters	none
Return	<div> <div>■Success</div> <div>- returns one of PL_ST_SERVICE, PL_ST_DEVELOPMENT, PL_ST_DEVELOPING</div> </div> <div> <div>■Fail</div> <div>- return error code</div> </div>
Emulator Support	Y
SDK Constraint	None
Example	
<pre>var serverType; serverType = SeffPlugin.Execute("GetServerType"); alert(serverType);</pre>	
<h2>GetFirmware</h2>	
Description	
The GetFirmware plugin command gets the firmware version used by Samsung Smart TV to check the native source code version.	
Parameters	none
Return	<div> <div>■Success</div> <div>- firmware version (for example, T-SPHAKRC-1000)</div> </div> <div> <div>■Fail</div> <div>- error code</div> </div>
Emulator Support	Y
SDK Constraint	None
Example	
<pre>var firmware; firmware = SeffPlugin.Execute("GetFirmware"); alert(firmware);</pre>	
<h2>GetAppKey</h2>	
Description	
The GetAppKey function returns AppKey of DTV. DTV uses this key when communicating with Samsung Hubsite, and Samsung Hubsite can recognize this device is a Samsung DTV by this key.	
Parameters	none
Return	<div> <div>■Success</div> <div>- return AppKey</div> </div> <div> <div>■Fail</div> <div>- returns error code</div> </div>
Emulator Support	Y
SDK Constraint	None
Example	
<pre>var appKey; appKey = SeffPlugin.Execute("GetAppKey"); alert(appKey);</pre>	
<h2>GetDUID</h2>	
Description	

The GetDUID function gets DUID (Device Unique ID) of each DTV.	
Parameters	■MAC - String - MAC: The MAC address of each DTV. The widget can get the MAC Address by using the Network module.
Return	■Success - DUID of each DTV (for example, 7XCBNROQJQPW) ■Fail - error code
Emulator Support	Y
SDK Constraint	None
Example	
<pre>var DUID; var MAC; MAC = SefPlugin.Execute("GetHWAddr"); var DUID = NNavPlugin.NNavEmp.Execute('GetDUID(', NNavEmp.Execute('MAC;')); alert(DUID);</pre>	
<h2>GetModel</h2>	
Description	
This API is used to get the Model of the Device.	
Parameters	None
Return	■String - success : returns the model code(e.g: 14_GOLFP) of the Device. - fail : returns negative number
Emulator Support	Yes
SDK Constraint	None
Example	
<pre>var ret = SefPlugin.Execute("GetModel"); console.log("Result = " + ret);</pre>	
<h2>GetSystemVersion</h2>	
Description	
The GetSystemVersion function gets the system version of the specified version type.	
Parameters	■versionType - PL_NNAV_SYSTEM_VERSION - PL_NNAV_SYSTEM_VERSION plugin enumeration defines the system versions. * PL_NNAV_SYSTEM_VERSION_LEEUM : version of leeu platform, * PL_NNAV_SYSTEM_VERSION_COMP : version of advanced platform
Return	■Success - version information ■Fail - error code
Emulator Support	Y
SDK Constraint	None
Example	
<pre>SefPlugin.Execute("GetSystemVersion",PL_NNAV_SYSTEM_VERSION_LEEUM); SefPlugin.Execute("GetSystemVersion",PL_NNAV_SYSTEM_VERSION_COMP);</pre>	

SetBannerState

Description

The SetBannerState function sets the banner state.

Parameters

- nSTATE
 - Integer
 - The Widgets Manager type
 - 0: Not Overwrapped OSD
 - 1: Overwrapped Volume OSD
 - 2: Overwrapped Volume and Channel OSD

Return

- Boolean
 - Always returns true.

Emulator Support

Y

SDK Constraint

None

Example

```
var type;  
SelfPlugin.Execute("SetBannerState", 1);
```

GetModelCode

Description

The GetModelCode function gets the model code modified for Samsung Smart TV.

Parameters

none

Return

- Success
 - modified model code
- Fail
 - error code

Emulator Support

Y

SDK Constraint

None

Example

```
SelfPlugin.Execute("GetModel");
```