

# SFMAPS

**\*\* This class will not be supported in 2015.**

All functionalities of sfMaps class are more improved, integrating with CAPH. Therefore sfMaps class is not supported since 2015 Smart TV. To use functions of sfMaps class, refer to [here](#).

This is the class for Maps UI components.

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

```
<script type="text/javascript" src="$MANAGER_WIDGET/Common/af/2.0.0/loader.js"></script>
```

You can declare sfMaps class like this :

```
ex) $('#div ID').sfMaps('method Name', parm1, parm2);
```

```
$('#div ID').sfMaps({ Json type });
```

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## Methods

### addInfoWindow

Description

This function adds InfoWindow.

Parameters	<ul style="list-style-type: none"> <li>■options <ul style="list-style-type: none"> <li>- Object</li> <li>- The InfoWindow options</li> </ul> </li> <li>* position <ul style="list-style-type: none"> <li>- Array&lt;Number&gt;</li> <li>- Point of the map to show the InfoWindow. [Latitude, Longitude]</li> </ul> </li> <li>* content <ul style="list-style-type: none"> <li>- String</li> <li>- Content of InfoWindow</li> </ul> </li> </ul>
Return	<ul style="list-style-type: none"> <li>■Object <ul style="list-style-type: none"> <li>- InfoWindow object</li> <li>- This object supports the remove() method to remove the InfoWindow.</li> </ul> </li> </ul>
Emulator Support	N
SDK Constraint	None
Example	
<pre>this.aGoogleMapsWins.push(\$("#maps").sfMaps('addInfoWindow', {   location: \$("#maps").sfMaps('getCenter'),   content: '&lt;div style="text-align:center;"&gt; MAPS TEST&lt;/div&gt;' })); break;</pre>	

## addMarker

### Description

This function adss Marker.

Parameters	<ul style="list-style-type: none"> <li>■options <ul style="list-style-type: none"> <li>- Object</li> <li>- The marker options</li> </ul> </li> <li>* position : (Array&lt;Number&gt;) Point of the map to mark. [Latitude, Longitude]</li> <li>* image (Object) {url:&lt;String&gt;, anchorpos:[&lt;Number&gt;, &lt;Number&gt;]}. (Optional)</li> </ul>
Return	<ul style="list-style-type: none"> <li>■Object <ul style="list-style-type: none"> <li>- marker object</li> <li>- This object supports remove() method to remove the marker.</li> </ul> </li> </ul>
Emulator Support	N
SDK Constraint	None
Example	
<pre>var marker = \$("#maps").sfMaps('addMarker', {   position: \$("#maps").sfMaps('getCenter') });</pre>	

## getCenter

### Description

This function gets current map center coordinate.

Parameters	none
Return	<ul style="list-style-type: none"> <li>■Array <ul style="list-style-type: none"> <li>- Number</li> <li>- First element is latitude and seconds one is longitude</li> </ul> </li> </ul>
Emulator Support	N
SDK Constraint	None
Example	
<pre>\$("#maps").sfMaps('getCenter');</pre>	

# getMapType

## Description

This function gets current map type.

Parameters	none
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Return	<ul style="list-style-type: none"><li>■String</li><li>- The map type</li><li>- Map type of Google Maps API</li><li>* value : 'roadmap', 'hybrid', 'satellite', 'terrain'</li></ul>
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Emulator Support	N
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SDK Constraint	None
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## Example

```
$("#mapsreturn").html("Current Map Type : " + $("#maps").sfMaps('getMapType'));
```

# getZoom

## Description

This function gets current ratio of expansion.

Parameters	none
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Return	<ul style="list-style-type: none"><li>■Number</li><li>- Current zoom level of the map</li></ul>
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Emulator Support	N
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SDK Constraint	None
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## Example

```
$("#mapsreturn").html("Zoomlevel : " + $("#maps").sfMaps('getZoom'));
```

# moveBy

## Description

This function moves the map by left, right, up, down direction.

Parameters	<ul style="list-style-type: none"><li>■option</li><li>- Object</li><li>- Indicates directions of panning.</li><li>* x</li><li>- Number</li><li>- x-axis (Horizontal) movement (Pixel). Positive number indicates rightward direction of the map.</li><li>* y</li><li>- Number</li><li>- y-axis (Vertical) movement (Pixel). Positive number indicates downward direction of the map.</li><li>* animate</li><li>- Boolean</li><li>- Indicates whether to animate the movement.</li></ul>
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Return	■Void
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Emulator Support	N
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SDK Constraint	None
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## Example

```
$("#maps").sfMaps('moveBy', {x: -200, y: 0, animate: true});
```

## moveTo

### Description

This function moves the location of map to left, right, up, down direction. (Animated)

Parameters	■options <ul style="list-style-type: none"><li>- Object</li><li>- Indicates coordination of center to move.<ul style="list-style-type: none"><li>* center</li></ul></li><li>- Array&lt;Number&gt;</li><li>- Center of the map to move. [Latitude, Longitude]</li></ul>
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Return	■Void
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Emulator Support	N
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SDK Constraint	None
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### Example

```
$("#maps").sfMaps('moveTo', {  
  center: [37.259, 127.054]  
});
```

## search

### Description

This function searches strings on the map.

Parameters	■options <ul style="list-style-type: none"><li>- Object</li><li>- Geocode options<ul style="list-style-type: none"><li>* address : (String) Query string to search. (Optional)</li><li>* location : (Array) Postion about which to search. (Optional)</li><li>* callback : (Function(Object)) Callback function to be called when searching is completed</li></ul></li></ul>
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Return	■Void
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Emulator Support	N
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SDK Constraint	None
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### Example

```
$("#maps").sfMaps('search', {  
  location: $("#maps").sfMaps('getCenter'),  
  callback: function (result) {  
    alert("Search Callback");  
    if (result) {  
      $("#maps").sfMaps('setCenter', {  
        center: result.location  
      });  
    }  
  }  
});
```

## setCenter

### Description

This function sets the center of the map.

Parameters	■options <ul style="list-style-type: none"><li>- Object</li><li>- Indicates center of the map to move.<ul style="list-style-type: none"><li>* center</li></ul></li><li>- Array</li><li>- center of the map to move [Latitude, Longitude].</li></ul>
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Return	■Void
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Emulator Support	N
SDK Constraint	None
Example	
<pre>\$(("#maps").sfMaps('setCenter', {   center: [37.259, 127.054] // Coordinate of Samsung HQ }));</pre>	

## setMapType

### Description

This function sets map type.

Parameters	<ul style="list-style-type: none"> <li>■ options           <ul style="list-style-type: none"> <li>- Object</li> <li>- Indicates the type of the map.</li> </ul> </li> <li>* type           <ul style="list-style-type: none"> <li>- String</li> <li>- Map types of Google Maps API: 'roadmap', 'hybrid', 'satellite', 'terrain'.</li> </ul> </li> </ul>
Return	■Void
Emulator Support	N
SDK Constraint	None
Example	
<pre>\$(("#maps").sfMaps('setMapType', {type: this.mapTypesGoogle[this.iGoogleSelMapType]});</pre>	

## setZoom

### Description

This function sets expansion ratio.

Parameters	<ul style="list-style-type: none"> <li>■ options           <ul style="list-style-type: none"> <li>- Object</li> <li>- Indicates directions of panning.</li> </ul> </li> <li>* zoom           <ul style="list-style-type: none"> <li>- Number</li> <li>- The zoom level of the map.</li> </ul> </li> </ul>
Return	■Void
Emulator Support	N
SDK Constraint	None
Example	
<pre>\$(("#maps").sfMaps('setZoom', {zoom: 5});</pre>	

## zoomIn

### Description

This function zooms in the map.

Parameters	none
Return	■Void
Emulator Support	N
SDK Constraint	None
Example	

```
$("#maps").sfMaps('zoomIn');
```

## zoomOut

### Description

This function zooms out the map.

Parameters	none
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Return	■Void
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Emulator Support	N
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SDK Constraint	None
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### Example

```
$("#maps").sfMaps('zoomOut');
```