

# CAPH.DAL.TAGLOADER

TagLoader is a class that loads a resource using an HTML tag. For example, a user can load an image or an audio clip. Main APIs of TagLoader are 'load' and 'getTag' Using load method, a user can load resource with a given URL using an HTML tag. Using getTag method, a user can get the tag with resource loaded, later.

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## Constructor

TagLoader	
Description	
construct a TagLoader	
Emulator Support	Y
SDK Constraint	None
Example	
<pre>var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader();</pre>	

## Methods

TagLoader

Description	
(Constructor) construct a TagLoader	
Parameters	■Void
Return	■TagLoader - An instance of TagLoader
Emulator Support	Y
SDK Constraint	none
Example	
<pre>var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader();</pre>	

## subscribe

Description	
subscribe to an event	
Parameters	■typeString - String - type string of an event - [default : null] ■callback: - Function - A callback function to be called - [default : null]
Return	■Void
Emulator Support	Y
SDK Constraint	none
Example	
<pre>var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader();  function foo() {     console.log("function foo is called"); }  tagloader.init(); tagloader.subscribe('oncomplete', foo, 'foofoo'); // Let's say options and url are given. tagloader.load(options, '4', DC.TYPE_JPEG, url); // URL is already given, so load the URL tagloader.loadURL(); tagloader.stop();</pre>	

## unsubscribe

Description	
unsubscribe to an event	
Parameters	■typeString - String - type string of an event - [default : null] ■callback: - Function - A callback function to be called - [default : null]
Return	■Void

Emulator Support	Y
SDK Constraint	none
Example	
<pre> var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader();  function foo() {     console.log('function foo is called'); }  tagloader.init(); tagloader.subscribe('oncomplete', foo, 'foofoo'); // Let's say options and url are given. tagloader.load(options, '4', DC.TYPE_JPEG, url); // URL is already given, so load the URL tagloader.loadURL(); tagloader.stop();  tagloader.unsubscribe('oncomplete', foo); </pre>	
<b>cleanup</b>	
Description	
clean up itself	
Parameters	■Void
Return	■Void
Emulator Support	Y
SDK Constraint	none
Example	
<pre> var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader();  tagloader.cleanup(); </pre>	
<b>cleanupTag</b>	
Description	
clean up a tag	
Parameters	■Void
Return	■Void
Emulator Support	Y
SDK Constraint	none
Example	
<pre> var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader();  tagloader.cleanupTag(); </pre>	
<b>createTag</b>	
Description	
create a tag	
Parameters	■Void

Return	■Boolean - false, if fails; undefined, otherwise;
Emulator Support	Y
SDK Constraint	none
Example	
<pre>var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader();  tagloader.createTag();</pre>	
<b>init</b>	
Description	
initialize TagLoader	
Parameters	■Void
Return	■Void
Emulator Support	Y
SDK Constraint	none
Example	
<pre>var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader();  tagloader.init();</pre>	
<b>stop</b>	
Description	
stop the loader	
Parameters	■Void
Return	■Void
Emulator Support	Y
SDK Constraint	none
Example	
<pre>var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader();  tagloader.init(); // Let's say options and url are given. tagloader.load(options, '4', DC.TYPE_JPEG, url); // URL is already given, so load the URL tagloader.loadURL(); tagloader.stop();</pre>	
<b>loadTag</b>	
Description	
load a tag	
Parameters	■Void
Return	■Void

Emulator Support	Y
SDK Constraint	none
Example	
<pre>var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader();  tagloader.loadTag();</pre>	
<b>publish</b>	
Description	
publish an event	
Parameters	<ul style="list-style-type: none"> <li>■typeString <ul style="list-style-type: none"> <li>- String</li> <li>- type string of an event</li> <li>- [default : null]</li> </ul> </li> <li>■callbackThis: <ul style="list-style-type: none"> <li>- Any</li> <li>- A callback parameter to be transferred as this</li> <li>- [default : null]</li> </ul> </li> <li>■callbackData: <ul style="list-style-type: none"> <li>- Any</li> <li>- A callback parameter to be transferred as data</li> <li>- [default : null]</li> </ul> </li> </ul>
Return	■Void
Emulator Support	Y
SDK Constraint	none
Example	
<pre>var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader();  tagloader.publish('onloadstart', tagloader, 'foo');</pre>	
<b>sendCompleteToListener</b>	
Description	
send complete notification to a listener	
Parameters	■Void
Return	■Void
Emulator Support	Y
SDK Constraint	none
Example	
<pre>var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader();  tagloader.sendCompleteToListener();</pre>	
<b>sendErrorToListener</b>	
Description	
send error notification to a listener	
Parameters	■Void

Return	■Void
Emulator Support	Y
SDK Constraint	none
Example	
<pre>var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader();  tagloader.sendErrorToListener();</pre>	
<b>getTag</b>	
Description	
get a tag	
Parameters	■Void
Return	■DocumentElement - Tag to return
Emulator Support	Y
SDK Constraint	none
Example	
<pre>var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader();  var tag = tagloader.getTag();</pre>	
<b>load</b>	
Description	
load a resource	
Parameters	■options - Object - { {String} sourceTypeString // source type string {String} IDForTag // id attr. to use {function} onComplete // on completion callback {function} onError // on error callback {function} onLoadStart // on loadstart callback {Array} onCompleteArg }
Return	■Boolean - false, if fails; undefined, otherwise;
Emulator Support	Y
SDK Constraint	none
Example	
<pre>var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader(); var DC = caph.dal.Constant;  // Let's say url is given. tagLoader.load({ IDForTag: 'myimg' }, '3', DC.TYPE_JPEG, url );</pre>	
<b>loadURL</b>	
Description	
load a URL	

Parameters	■Void
Return	■Void
Emulator Support	Y
SDK Constraint	none
Example	
<pre>var Tagloader = caph.dal.TagLoader; var tagloader = new Tagloader(); var DC = caph.dal.Constant;  tagloader.init(); // Let's say options and url are given. tagloader.load(options, '4', DC.TYPE_JPEG, url); // URL is already given, so load the URL tagloader.loadURL();</pre>	

## hasValidArgsForLoading

Description

check if it has valid arguments for loading

Parameters	<ul style="list-style-type: none"> <li>■options <ul style="list-style-type: none"> <li>- Object</li> <li>- { {String} sourceTypeString // source type string {String} IDForTag // id attr. to use {function} onComplete // on completion callback {function} onError // on error callback {function} onLoadStart // on loadstart callback {Array} onCompleteArg }</li> </ul> </li> <li>■stringID <ul style="list-style-type: none"> <li>- String</li> <li>- ID as string</li> </ul> </li> <li>■typeID <ul style="list-style-type: none"> <li>- String</li> <li>- type ID as string</li> </ul> </li> <li>■url <ul style="list-style-type: none"> <li>- String</li> <li>- URL, the key</li> </ul> </li> </ul>
Return	<ul style="list-style-type: none"> <li>■Boolean <ul style="list-style-type: none"> <li>- A flag to indicate a valid state or not</li> </ul> </li> </ul>
Emulator Support	Y
SDK Constraint	none

Example

```
var Tagloader = caph.dal.TagLoader;
var tagloader = new Tagloader();
var DC = caph.dal.Constant;

var option = { };
var stringID = '3';
var typeID = DC.TYPE_JPEG;
var url = './res/image.jpg';
var flag = tagloader.hasValidArgsForLoading(options, stringID, typeID, url);
```