

CAPH.DAL.EVENTHANDLER

EventHandler is a class that deals with event handling of data loaders, which include BaseLoader, Preloader, TagLoader and XMLHttpRequest. With EventHandler, a user can subscribe to an event, unsubscribe an event and trigger an event. EventHandler supports several event listeners on a single event type.

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Constructor

EventHandler	
Description	
Construct a EventHandler	
Emulator Support	Y
SDK Constraint	None
Example	
<pre>var EventHandler = caph.dal.EventHandler var eventhandler = new EventHandler();</pre>	

Methods

EventHandler	
Description	
(Constructor) Construct a EventHandler	
Parameters	■Void
Return	■EventHandler - Instance of EventHandler
Emulator Support	Y
SDK Constraint	none
Example	
<pre>var EventHandler = caph.dal.EventHandler var eventhandler = new EventHandler();</pre>	

subscribe

Description

Subscribe to an event

Parameters	<div>■typeString</div> <ul style="list-style-type: none">- String- type string of an event- [default : null] <div>■callback:</div> <ul style="list-style-type: none">- Function- A callback function to be called- [default : null]
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Return	<div>■Object</div> <ul style="list-style-type: none">- The instance itself.
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Emulator Support	Y
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SDK Constraint	none
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Example

```
var EventHandler = caph.dal.EventHandler
var eventhandler = new EventHandler();

function foo() {
  console.log('in function foo');
}

eventhandler.subscribe('onprogress', foo);
eventhandler.publish('onprogress', window, 'foofoo');
```

publish

Description

Publish an event

Parameters	<div>■typeString</div> <ul style="list-style-type: none">- String- type string of an event- [default : null] <div>■callbackThis</div> <ul style="list-style-type: none">- Any- A callback parameter to be transferred as this- [default : null] <div>■callbackData:</div> <ul style="list-style-type: none">- Any- A callback parameter to be transferred as data- [default : null]
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Return	■Void
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Emulator Support	Y
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SDK Constraint	none
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Example

```
var EventHandler = caph.dal.EventHandler
var eventhandler = new EventHandler();

function foo() {
  console.log('in function foo');
}

eventhandler.subscribe('onprogress', foo);
eventhandler.publish('onprogress', window, 'foofoo');
```

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

```
var EventHandler = caph.dal.EventHandler
var eventhandler = new EventHandler();

function foo() {
  console.log('in function foo');
}

eventhandler.subscribe('onprogress', foo);
eventhandler.publish('onprogress', window, 'foofoo');
eventhandler.unsubscribe('onprogress', foo);
```