socialize.addEventHandlers JS

Description

The Gigya service generates several global application events for various situations that are driven by user interactions.
Global application events are fired whenever the event to which they refer occurs, regardless of what was the action that triggered the event.
This is in contrast to plugin events, which are only fired by the specific plugin on which they were configured.
This method allows setting event handlers for each of the supported global events.
To learn more about how to handle events generated by Gigya, see Events.

The following is a list of available global application events:

- **onLogin** - Fired whenever a user successfully logs in to Gigya. This may happen, for example, as a result of using the socialize.showLoginUI method.
- **onLogout** - Fired whenever a user logs out of Gigya, using the socialize.logout call.
- **onConnectionAdded** - Fired whenever a user is connected to a provider [?] . This may happen, for example, as a result of calling one of the following methods: socialize.addConnection, socialize.showAddConnectionsUI, socialize.showEditConnectionsUI.
- **onConnectionRemoved** - Fired whenever a user is disconnected from a provider. As above, this event will be fired regardless of the action that triggered it.
- **onLinkBack -** Fired whenever a linkback is detected. Read more about the onLinkback event .

An Event Handler is a JavaScript function with the following signature:

functionName(eventObj)

The single argument ***eventObj,*** contains information about the event and has different data fields for different events. In "Event Handlers - eventObj event data" below, you will find the specification of the available fields in the ***eventObj*** for each event.

> **Note:** Several social & sharing plugins may generate these global events. You may identify the source of the event using the 'source' field in the returned event data. Read more in the events' data reference below.
> Please note that the plugins may trigger **onConnectionAdded** or **onLogin** depending on the ***connectWithoutLoginBehavior*** parameter of the global configuration object. Read more in the Using Plugins to Initiate Site Login guide.

Syntax

Parameters

The following table lists the available parameters:

Required	Name	Type	Description
	onLogin	function	A reference to a function that is called when the user is successfully authenticated by Gigya.
	onLogout	function	A reference to a function that is called when the user has logged out.
	onConnectionAdded	function	A reference to a function that is called when the user is successfully connected to a provider.
	onConnectionRemoved	function	A reference to a function that is called when the user disconnects from a provider.
	callback	function	A reference to a callback function. Gigya calls the specified function along with the results of the API method when the API method completes. The callback function should be defined with the following signature: ***functionName(***Response***)***. The "Response Object Data Members" table below provides specification of the data that is passed to the callback function.

	cid	string	A string of maximum 100 characters length. The CID sets categories for transactions that can be used later for filtering reports generated by Gigya in the "Context ID" combo box. The CID allows you to associate the report information with your own internal data. For example, to identify a specific widget or page on your site/application. You should not define more than 100 different context IDs. **Note:** This parameter overrides the value of the identical parameter in Global Conf (the global configuration object). If the parameter is not set for the method, the value from Global Conf is used.
	context	object	A developer-created object that is passed back unchanged to the application as one of the fields in the response object.

Response Object Data Members

Field	Type	Description
errorCode	integer	The result code of the operation. Code '0' indicates success, any other number indicates failure. For a complete list of error codes, see the Response Codes and Errors table.
errorMessage	string	A short textual description of an error associated with the errorCode for logging purposes.
callId	string	Unique identifier of the transaction, for debugging purposes.
context	object	The context object passed by the application as a parameter to the API method, or ***null*** if no context object has been passed.

Event Handlers - eventObj Event Data

The following tables specify the list of available data fields in the ***eventObj*** for each event.

onLogin Event Data

Field	Type	Description
eventName	string	The name of the event: 'login'.
source	string	The source plugin that generated this event. The value of this field is the name of the plugin's API method, e.g. '*showLoginUI*'. Note: this field will not be available if the source of this event is not a plugin (e.g. if the source is a socialize.login API call).
context	object	The context object passed as a parameter to the plugin/method that triggered this event, or null if no object was passed.
loginMode	string	The type of login: • *standard* - the user is logging into an existing account. • *reAuth* - the user is proving ownership of an account by logging into it.
provider	string	The name of the provider that the user used in order to login (e.g. "*Facebook*"). Note: If this event is fired as a result of a socialize.notifyLogin call, i.e. the user was authenticated by your site, the *provider* field will be set to "*site*".
signatureTimestamp	string	The GMT time of the response in UNIX time format (i.e. the number of seconds since Jan. 1st 1970). The time stamp should be used for login verification, as described under the Validate the UID Signature in the Social Sign-On Process section.
UID	string	The User ID that should be used for login verification*. **Note:** The UID string must be encoded using the encodeURIComponent() function before sending it from your client to your server.

UIDSignature	string	The signature that should be used for login verification, as described under the Validate the UID Signature in the Social Sign-On Process section.
user	User object	A User object with updated information for the current user.
signature	string	***Deprecated*** . Please use the *UIDSignature* parameter instead.
timestamp	string	***Deprecated*** . Please use the *signatureTimestamp*parameter instead. This parameter holds the GMT time of the response in "yyyy-mm-dd HH:mm:ss" format where HH is in 24 hour time format.

* To learn more about login verification, please refer to the Validate the UID Signature in the Social Login Process section in the Security page of the Developer's Guide.

onLogout Event Data

Field	**Type**	**Description**
eventName	string	The name of the event: 'logout'.
context	object	The context object passed as a parameter to the plugin/method that triggered this event, or null if no object was passed.

onConnectionAdded Event Data

Field	**Type**	**Description**
eventName	string	The name of the event: 'connectionAdded'.
source	string	The source plugin that generated this event. The value of this field is the name of the plugin's API method, e.g. '*showCommentsUI*', '*showChatUI*', etc. Note: this field will not be available if the source of this event is not a plugin (e.g. if the source is a socialize.addConnection API call)
context	object	The context object passed as a parameter to the plugin/method that triggered this event, or null if no object was passed.
user	User object	A User object with updated information for the current user.
provider	string	The name of the social network to which the user connected.

onConnectionRemoved Event Data

Field	**Type**	**Description**
eventName	string	The name of the event: 'connectionRemoved'.
source	string	The source plugin that generated this event. The value of this field is the name of the plugin's API method, e.g. '*showEditConnectionsUI*'. Note: this field will not be available if the source of this event is not a plugin (e.g. if the source is a socialize.removeConnection API call)
context	object	The context object passed as a parameter to the plugin/method that triggered this event, or null if no object was passed.
user	User object	A User object with updated information for the current user.
provider	string	The name of the social network from which the user disconnected.

onLinkBack Event Data

Field	Type	Description
eventName	string	The name of the event.
source	string	The source plugin that shared the link that led to the page.
context	object	The context object passed as a parameter to the method, or null if no object has been passed.
provider	string	The provider from which the linkback came.
cid	string	The context ID used for reports. Read more here.
shortCode	string	The original short URL code.

Code Sample

```
function DisplayEventMessage(eventObj) {
    alert(eventObj.eventName + " event happened");
}

gigya.socialize.addEventHandlers({
    onLogin:DisplayEventMessage,
    onConnectionAdded:DisplayEventMessage,
    onConnectionRemoved:DisplayEventMessage
   }
);
```

Notes:

- This sample is not meant to be fully functional code. For brevity's sake, only the code required for demonstrating the API call itself is presented.
- To run the code on your own domain, add your Gigya API key to the gigya.js URL. A Gigya API key can be obtained on the Site Dashboard page on Gigya's website. Please make sure that the domain from which you are loading the page is the same domain name that you used for generating the API key.
- In some cases it is necessary to **connect/login** the user to a provider [?] prior to calling the API method. You can learn more in the Social Login guide.