

Facebook

Apstrata provides a server scripting API to interact with social networks in general, and **Facebook** in particular. All social networks providing APIs over http are accessible through server scripts using [apsdb.callHttp](#) server script API. However, popular networks, such as **Facebook**, already have API calls available from the scripting environment, under the "apsdb.social.facebook" object.

The following is the list of server scripting methods that allows you to interact with **Facebook** by invoking its APIs:

- `getRequestToken`
- `getAccessToken`
- `callApi`
- `getApiCall`

The following describes each of the available methods on the Facebook API:

- **getRequestToken**(consumerKey, consumerSecret, callbackUrl, scope, state)

consumerKey/consumerSecret: key pair provided by facebook when creating the application. This pair identifies the application.
callbackUrl: the url facebook will redirect to after the user authorizes the application. Note, facebook requires that the url ends with a "/"
scope: defines the scope that the user is requesting the tokens for. The scope defines the set of permissions the application will have
state: a string that identifies the current user/request.

This method returns an object containing the authorization URL.

- **getAccessToken**(consumerKey, consumerSecret, callbackUrl, oauthVerifier)

consumerKey/consumerSecret: key pair provided by facebook when creating the application. This pair identifies the application.
callbackUrl: the callbackUrl specified when calling `getRequestToken`. Note that facebook requires this parameter, and it should be the same as the one set when calling `getRequestToken`
oAuthVerifier: the verifier parameter returned by facebook in response to an authorization. This verifier will be sent as a parameter when calling the callbackUrl specified when calling `getRequestToken`

This method returns an object containing the access token

- **callApi**(consumerKey, consumerSecret, accessToken, verbString, resourceUrl, parameters)

consumerKey/consumerSecret: key pair provided by facebook when creating the application. This pair identifies the application.
accessToken: token identifying the user, obtained as a result of calling `getAccessToken` and a successful authorization operation
verbString: GET/POST/PUT
resourceUrl: url identifying the API to call
parameters: set of key/value pairs containing API specific parameters

This method returns the response from the facebook API call in JSON format

Note: For more details about the "resourceUrl" and "parameters" arguments, please refer to <http://developers.facebook.com/docs/reference/api/>

- **getApiCall**(consumerKey, consumerSecret, accessToken, verbString, resourceUrl, parameters)

consumerKey/consumerSecret: key pair provided by facebook when creating the application. This pair identifies the application.
accessToken: token identifying the user, obtained as a result of calling `getAccessToken` and a successful authorization operation
verbString: GET/POST/PUT
resourceUrl: url identifying the API to call
parameters: set of key/value pairs containing API specific parameters

This method returns the url/formEncodedParams that needs to be called to get the network's response for the requested API

Note: For more details about the "resourceUrl" and "parameters" arguments, please refer to <http://developers.facebook.com/docs/reference/api/>