



Equifax Consumer Engagement Suite Client-side JavaScript Software Development Kit 1.1

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Revision History

The following table indicates major revisions to the content in this document.

Version	Date	Modified by	Change or Update Details
1.0	N/A	N/A	N/A
1.1	5/21/2021	Justin Whitehead	Updated product name

About the SDK

Overview

The *Equifax Consumer Engagement Suite Client-side JavaScript Software Development Kit (SDK)* provides abstraction of authentication complexity and convenient API wrapper methods that enable authenticated API calls.

Flow

To use the JavaScript SDK:

1. Access the JavaScript SDK.
2. Request a promise of the JavaScript object, including setting a response method for when the library has finished initializing.
3. Use SDK methods to make calls to Equifax Consumer Engagement Suite APIs to deliver the consumer data.

Supported Browsers

Equifax supports the following operating systems and browsers. If you use a different operating system or browser version, you may not be able to use certain functions of the API.

Browser	Windows® 7 and higher	Mac® OS X 10.x
Microsoft®	<ul style="list-style-type: none">• Internet Explorer 10.x and above• Microsoft Edge	N/A
Mozilla Firefox	Versions 18 and above	Versions 18 and above
Apple® Safari™	N/A	6.x - 9.x

Google® Chrome™	Versions 20 and above	Versions 20 and above
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Additional Resources

Review the following additional resources available in the Consumer Engagement Suite section of the Equifax Developer Center:

- *Equifax Consumer Engagement Suite Product API User Guide*
- *Equifax Consumer Engagement Suite Credit Monitoring Alerts Delivery User Guide*
- *Equifax Consumer Engagement Suite Credit Monitoring Alerts Testing Tool User Guide*

Access

Accessing the JavaScript SDK

Use the following URL to access the JavaScript SDK:

```
https://api.consumer.equifax.com/saas/scripts/efx-consumer-api-client_0.1.3.js
```

Accessing the JSDocs

Use the following URL to access the JSDocs:

```
https://sandbox-api.consumer.equifax.com/saas/clientDocs/tutorial-getting_started.html
```

Using the SDK

Requesting a Promise of the Equifax Client API

```
var efxClientLibSettings = {  
  
    apiKey: "mock_delivery",  
    server: "https://sandbox-api.consumer.equifax.com/saas",  
    clientAssertion: "myAssertionKey",  
    referenceNumber: "referenceNumber",  
    transactionId: "transactionId",  
  
    // optionally you can provide your own access token  
    accessToken: "3b741511-8478-491d-ae69-17da2659cdf6",  
  
    // optionally you can also turn off the auto-refresh of tokens  
    autoRefreshToken: false  
},  
clientLib;  
  
EfxConsumerApiClient(efxClientLibSettings).then(  
  
    function(clientLibraryInstance){ // success  
        clientLib = clientLibraryInstance;  
        appInit();  
    },  
    function(reason) { // failure  
        console.log("Error loading the EfxConsumerApiClient: " + reason);  
    }  
);  
  
function = appInit(){  
    // do stuff  
}
```

Using the SDK Methods to Access Equifax Consumer Engagement Suite APIs

To use the features in the `EfxConsumerLibrary`, the `EfxPromise` must register asynchronously to:

- Authorize the user's tokens
- Initialize all the supporting methods for retrieving data

After registration, you receive an authorized instance of the `EfxConsumerApiClient` and the system can pull your consumers' Equifax data.

```
// this method will fire when the client API has finished initialization

function appInit() {

    // here we can safely begin to use the API methods
    clientLib.getCreditScoresAbstract()
        .then(
            function (data) { // success
                // Do something with the Credit Score Abstract
            },
            function (reason) { // failure
                // Application-specific error handling
                console.log("Error loading the getCreditScoresAbstract data: " +
reason);

                if(reason.status === 401){
                    // 401 usually means our access token has expired, either

                    // pass a new API token, with a callback to the same method
                    efxClientLibrary.refreshToken(newApiKey,
efxClientLibrary.getCreditReport(), creditReportId);

                    // OR set a new access token, manually
                    efxClientLibrary.setAccessToken(newAccessToken);
                    // then you can try your getCreditScoresAbstract() again...
                }
            }
        );
}
```




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