

OAuth 2.0 Authentication Example

Please note: This is an example to get you going with OAuth 2.0 authentication, it's NOT a full fledged feature complete for every provider out there. In this example Google have been used as service provider and all settings and guidelines applies to Google, but it should be fairly easy to extend this to work with other providers like Facebook, Salesforce etc.

OAuth 1.0 is NOT supported.

Quick Set-Up

1. Go to <http://code.google.com/apis/console> to create your client ID.

Client ID for web applications

Client ID:apps.googleusercontent.com	Edit settings...
Email address:@developer.gserviceaccount.com	Reset client secret...
Client secret:	
Redirect URIs:	http://localhost/QvAjaxZfc/OAuth.aspx	
JavaScript origins:	http://localhost	

2. Copy the below files to desired location, this example uses the QvAjaxZfc application folder.

binary\bin\QvOAuth.dll -> \QlikView\Server\QlikViewClients\QlikViewAjax\bin

binary\OAuth.aspx -> \QlikView\Server\QlikViewClients\QlikViewAjax

3. Copy the below section (from binary\web.config) and insert it into the <appSection> of the \QlikView\Server\QlikViewClients\QlikViewAjax\web.config file.

Make sure to put your Client ID and Client Secret which you obtained above in there.

```
<!-- SERVICE PREFIX TO USE -->
<add key="service" value="google" />

<!-- GOOGLE -->
<add key="google_client_id" value="" />      <!-- PUT YOUR CLIENT ID HERE! -->
<add key="google_client_secret" value="" />  <!-- PUT YOUR CLIENT SECRET HERE! -->
<add key="google_redirect_uri" value="http://localhost/QvAjaxZfc/OAuth.aspx" />
<!-- MAKE SURE THE REDIRECT URI IS CORRECT! -->
<add key="google_auth" value="https://accounts.google.com/o/oauth2/auth" />
<add key="google_token" value="https://accounts.google.com/o/oauth2/token" />
<add key="google_scope" value="https://www.googleapis.com/auth/userinfo.email" />
<add key="google_property"
value="https://www.googleapis.com/oauth2/v1/userinfo?access_token={0}" />
<add key="google_property_value" value="email"/>

<!-- QLIKVIEW -->
<add key="qlikview_server" value="http://localhost" />
<add key="qlikview_try" value="/QlikView/" />
<add key="qlikview_back" value="" />
```

4. Edit \ProgramData\QlikTech\WebServer\config.xml to set up the webTicket trust.

```
<GetWebTicket url="/QvAjaxZfc/GetWebTicket.aspx">  
  <TrustedIP>127.0.0.1</TrustedIP>  
</GetWebTicket>
```

5. Set the custom login page to /QvAjaxZfc/OAuth.aspx

Login Address

- ☐ Default login page (browser authentication)
- ☐ Alternate login page (web form)
- ☒ Custom login page

6. All done!

Useful Links

<http://hueniverse.com/2010/05/introducing-oauth-2-0/>

<https://developers.google.com/accounts/docs/OAuth2WebServer>

<http://en.wikipedia.org/wiki/OAuth>