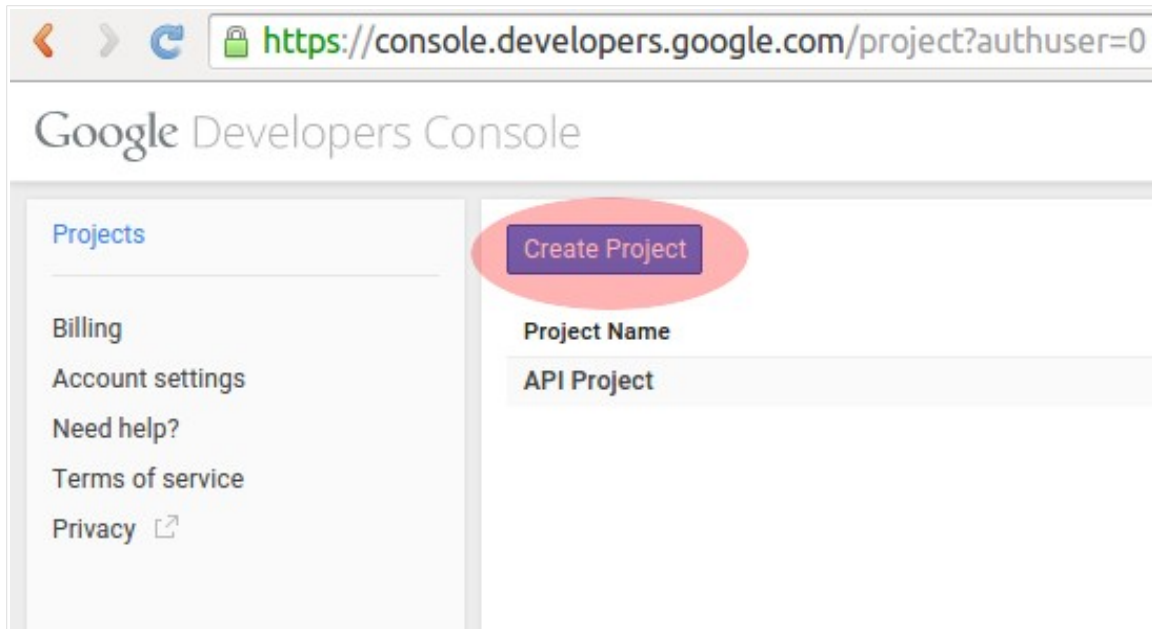


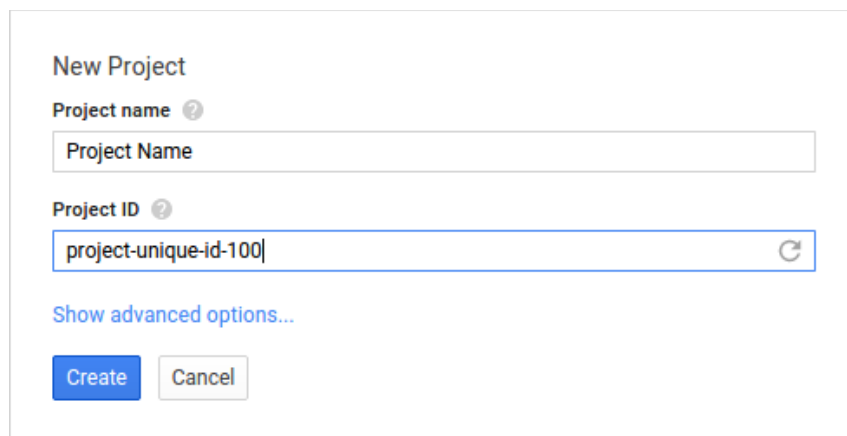
1. Register client application with Google

Every application has to be registered with the Google API so that we can use the OAuth 2.0 token during the authentication and authorisation process. To register an application the user has to login to the Google account and go to [Google API console](https://console.developers.google.com/).

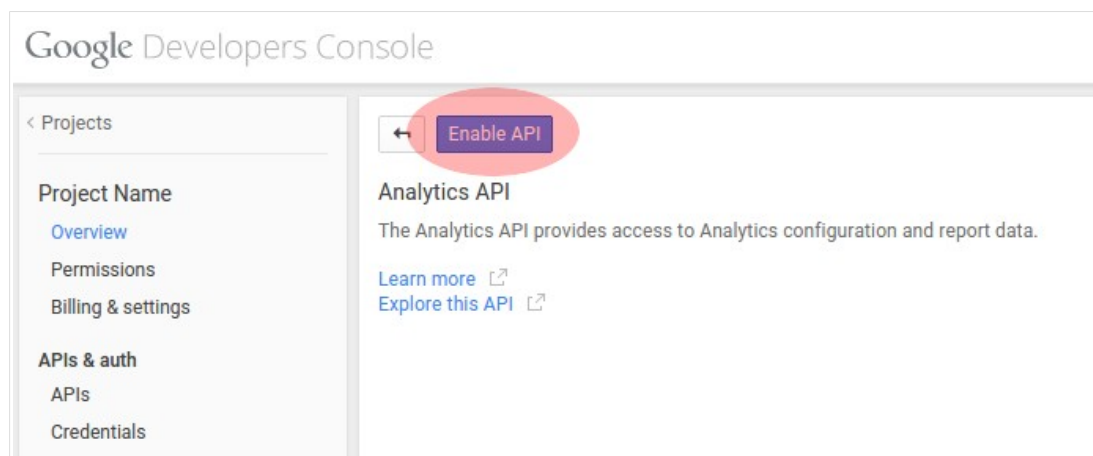
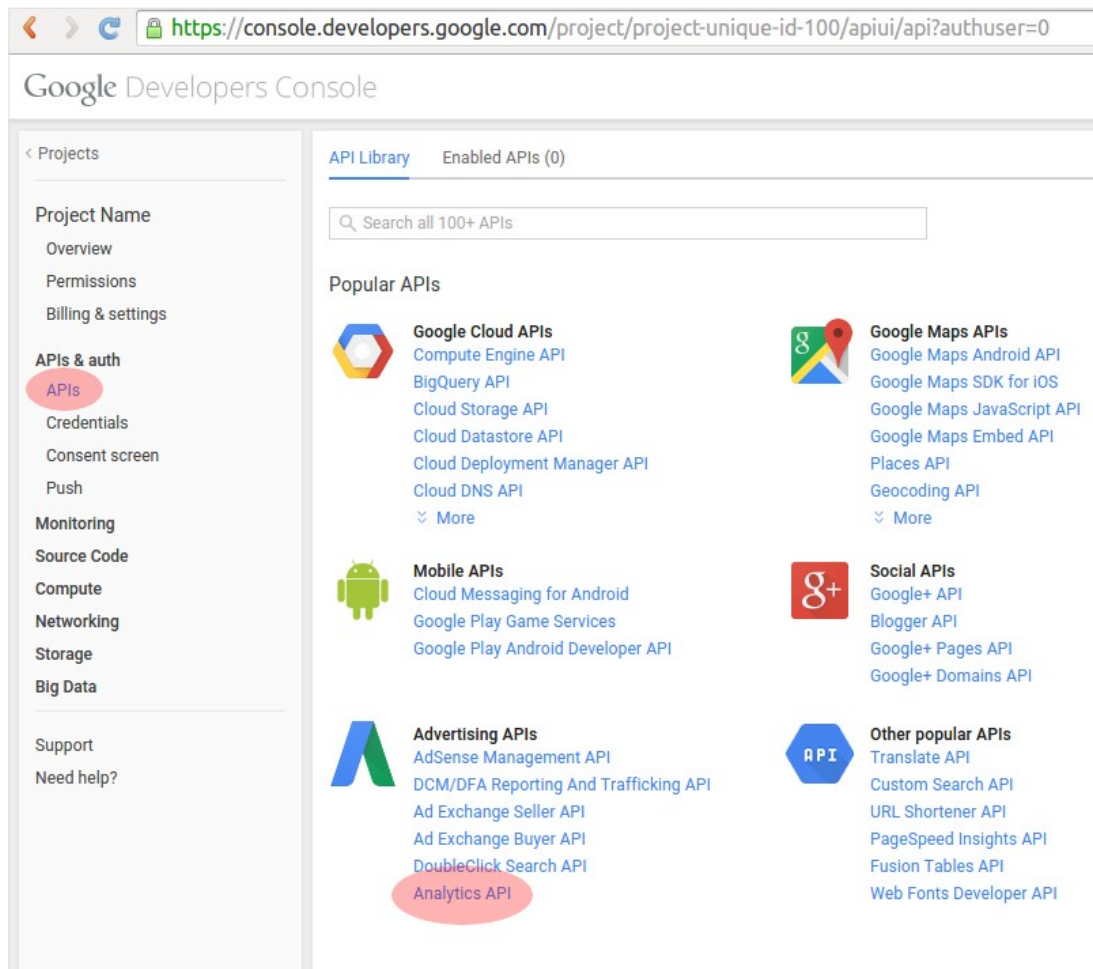
From Google API console Create a New Project using the Create Project button.



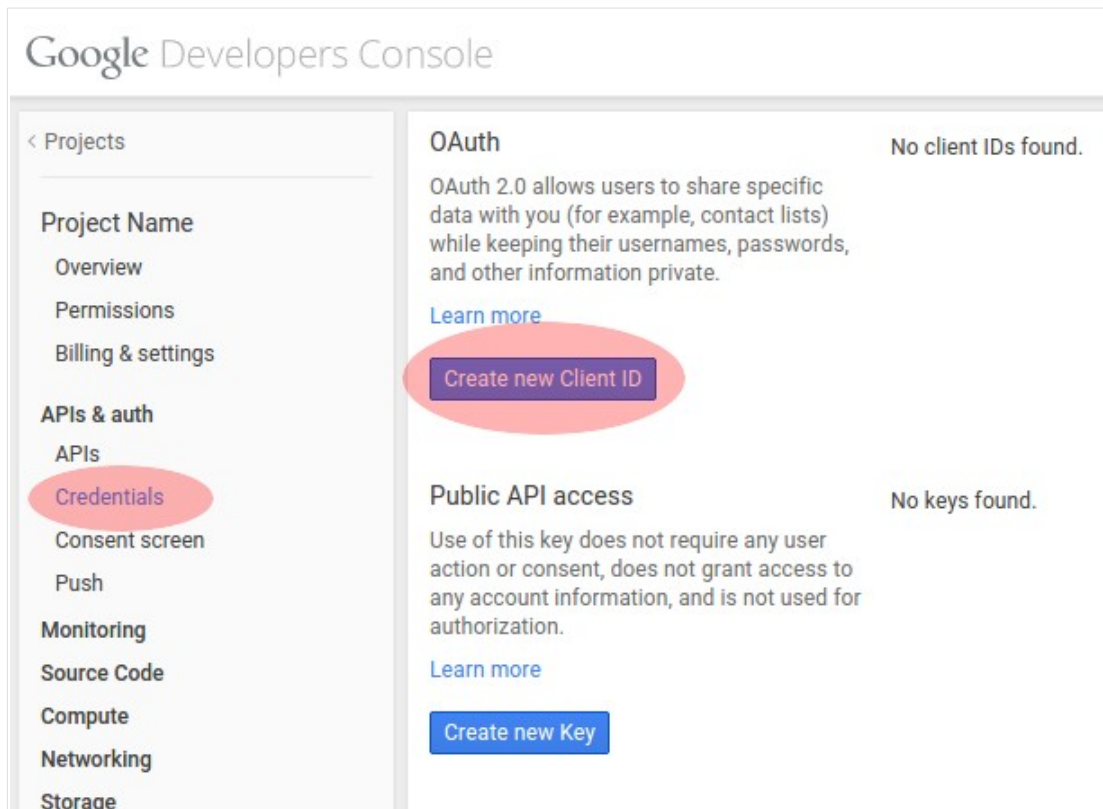
To set up properly the client application, select a unique project name and id.

A screenshot of the 'New Project' dialog box. It has a title 'New Project'. Below it are two input fields: 'Project name' with a question mark icon and 'Project ID' with a question mark icon. The 'Project ID' field contains the text 'project-unique-id-100' and has a refresh icon on the right. Below the fields is a link 'Show advanced options...'. At the bottom are two buttons: 'Create' and 'Cancel'.

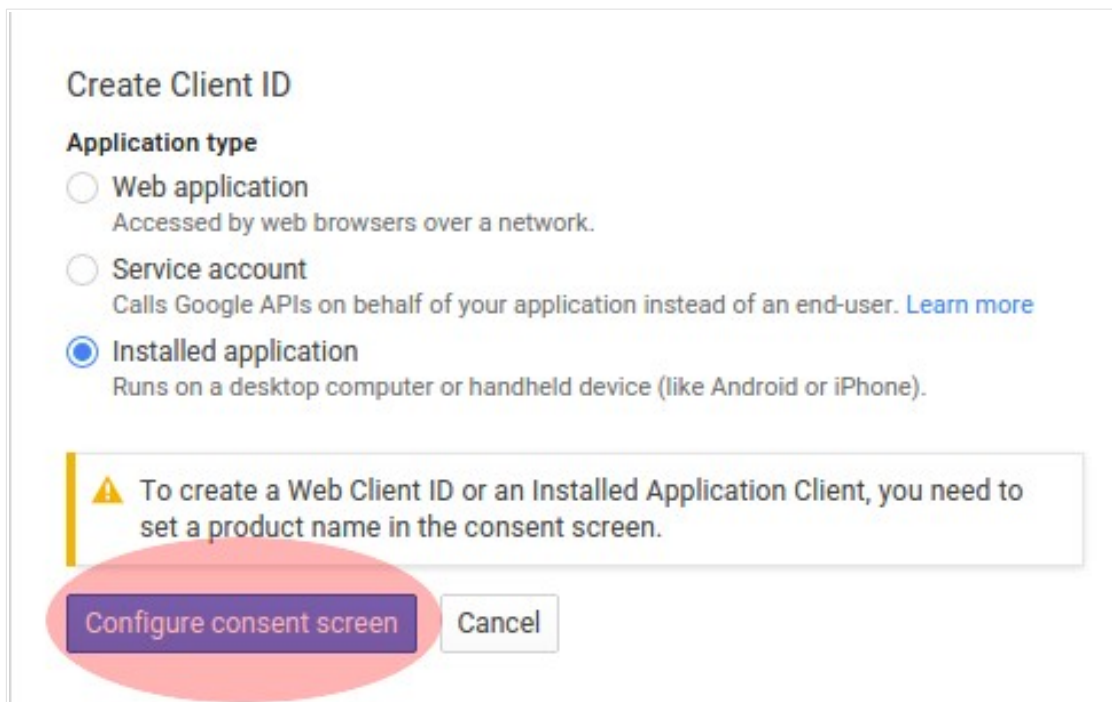
Enable the Analytics API in order to be accessed.



From the APIs → Credentials tab create an OAuth 2.0 Client ID.



Select application type. In our example we select “Installed application” usually running on the local system.



Create Branding information for Client ID.

Google Developers Console

< Projects

Project Name

Overview

Permissions

Billing & settings

APIs & auth

APIs

Credentials

Consent screen

Push

Monitoring

Source Code

Compute

Networking

Storage

Big Data

Support

Need help?

Consent screen

The consent screen will be shown to users whenever you request access to their private data using your client ID.

Note: This screen will be shown for all of your applications registered in this project

Email address


Choose your email

Product name

Toplytics GAPI

Homepage URL (Optional)

Product Logo (Optional) ?



This is how your logo will look to end users.
Max size: 120x120 px

Privacy policy URL (Optional)

Terms of service URL (Optional)

Google+ Page (Optional) ?

plus.google.com/ Page ID

Save

Cancel

By pressing the Create Client ID button it will eventually be created the client application with the following details: Client ID and Client secret.

Create Client ID

Application type

- ☐ Web application
Accessed by web browsers over a network.
- ☐ Service account
Calls Google APIs on behalf of your application instead of an end-user. [Learn more](#)
- ☒ **Installed application**
Runs on a desktop computer or handheld device (like Android or iPhone).

Installed application type

- ☐ Android [Learn more](#)
- ☐ Chrome Application [Learn more](#)
- ☐ iOS [Learn more](#)
- ☐ PlayStation 4
- ☒ **Other**

Create Client ID Cancel

The final step is to download the JSON file with API credentials. This file is used to set the credentials from WordPress Menu → Settings → Toplytics page

OAuth 2.0 client IDs

OAuth 2.0 allows users to share specific data with you (for example, contact lists) while keeping their usernames, passwords, and other information private. [Learn more](#)

[Create new Client ID](#)

Client ID for native application

Client ID	370128449605-dtkiatldvmhmac0q21fe0120rkhuq0.apps.googleusercontent.com
Client secret	q4awgYH3KoVcOuAi-G8KfAf-
Redirect URIs	urn:ietf:wg:oauth:2.0:oob http://localhost

[Reset secret](#) [Download JSON](#) [Delete](#)

Public API access

Use of this key does not require any user action or consent, does not grant access to any account information, and is not used for authorization. [Learn more](#)

[Create new Key](#)

2. Authorising Requests

The registration gives the `clientId` and `clientSecret` value for your application so that it can work with the Google API. These keys will avoid the client application to share the username or password and instead make use of these keys. When the client application is executed it prompts the users to allow access and redirects the users to the Google URL which in turn provides an authorisation code. The authorisation code is fed back to the client application which then uses the code to get the access token.