

Procedura per la generazione e configurazione del Server API Key di Google Maps JavaScript

Per abilitare le API di google, in particolare la Google Maps JavaScript API, sull'application server di Geoweb 4 e monitorarne il relativo utilizzo occore (senza abilitazione funziona comunque ma non è registrata):

1- avere un account google valido (se il server è del cliente, l'account deve essere quello del cliente)

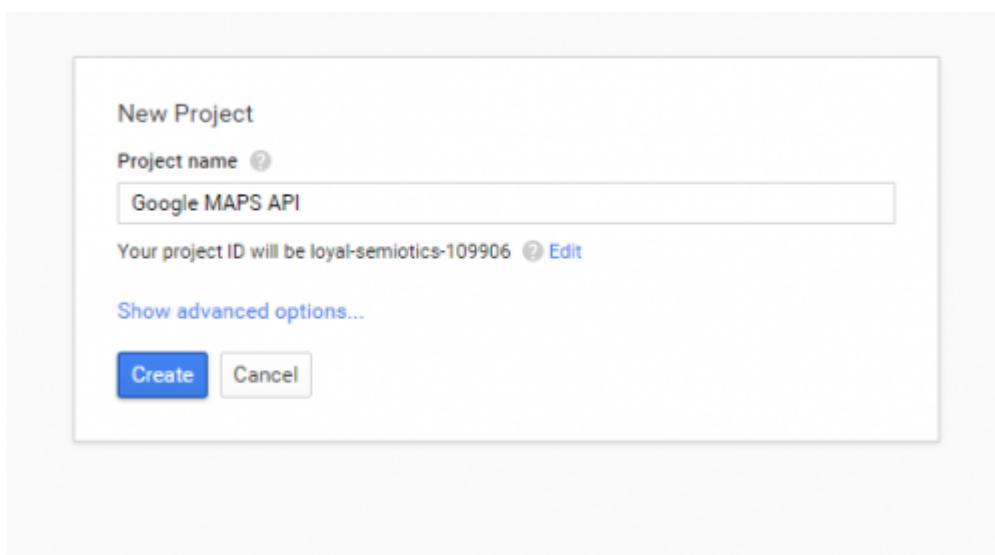
2- accedere con l'account google alla console delle API di Google (o "Developers Console"):

<https://console.developers.google.com/start>

3- Se ci sono dei dubbi leggere l'help della console di cui sopra:

<https://developers.google.com/console/help/new/>

4- creare un progetto



5- Selezionare "Enable and manage APIs"

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The screenshot shows the Google Developers Console homepage. It features several sections: 'Getting started' with a 'Take a VM quickstart' card, 'Use Google APIs' with an 'Enable and manage APIs' button (which is highlighted with a red box), 'Documentation' links to Cloud Platform Documentation, Solutions, and Tutorials, 'Deploy a Hello World app', 'Create a Cloud Storage bucket', and 'Start with a prebuilt solution'. Below these are cards for 'Get Started' with a 'Hello World app', 'Create an empty project', and 'Activities (Idle)' which shows a single task: 'Create Project: My Project' with a checkmark.

6- selezionare Google Maps JavaScript APIs

The screenshot shows the 'API Library' section of the Google Developers Console. On the left sidebar, 'APIs & auth' is selected under 'APIs'. The main area displays 'Enabled APIs (7)' with a search bar. A red box highlights the 'Google Maps APIs' card, which includes links for 'Google Maps Android API', 'Google Maps SDK for iOS', 'Google Maps JavaScript API' (which is also highlighted with a red box), 'Google Places API for Android', 'Google Places API for iOS', 'Google Maps Roads API', and 'More'. Other visible sections include 'Popular APIs' (Google Cloud APIs, Social APIs), 'Google Apps APIs' (Drive API, Calendar API, etc.), 'Mobile APIs' (Cloud Messaging for Android, Google Play Game Services, etc.), and 'Other popular APIs' (Translate API, Custom Search API, etc.).

7- selezionare "Enable API"

The screenshot shows the Google Developers Console interface. On the left, there's a sidebar with various project management and developer tools like Home, Permissions, APIs & auth, Monitoring, Source Code, Cloud Launcher, Deployments, Compute, Networking, Storage, and Big Data. The main content area is titled "Google Maps JavaScript API" and contains a brief description: "Accessing local data and maps built from the same data sources as Google Maps, build and style a map onto your website using the Google Maps JavaScript API. Multiple libraries are available and services such as geocoding, directions, Street View and more to customize your maps to fit your needs." Below the description is a blue "Learn more" button. At the top right of the main content area is a blue "Enable API" button, which is highlighted with a red rectangular box.

8- Selezionare “Credentials” e poi “Add credentials ▾ API key”

The screenshot shows the Google Developers Console under the "API Manager" section. In the top navigation bar, the "API Manager" tab is selected. The main content area is titled "Credentials". There are three tabs at the top: "Credentials" (which is selected and highlighted in blue), "OAuth consent screen", and "Domain verification". Below the tabs, there's a "Add credentials ▾" button and a "Delete" button. A dropdown menu is open over the "Add credentials" button, showing three options: "API key", "OAuth 2.0 client ID", and "Service account". The "API key" option is highlighted with a red rectangular box. The "API key" description below it reads: "Identifies your project using a simple API key to check quota and access. For APIs like Google Translate." The "OAuth 2.0 client ID" description reads: "Requests user consent so your app can access the user's data. For APIs like Google Calendar." The "Service account" description reads: "Enables server-to-server, app-level authentication using robot accounts. For use with Google Cloud APIs."

9- Selezionare “Server Key”

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The screenshot shows the Google Cloud Console interface. In the top left, it says "Console". Below that, there's a search bar. On the left, a sidebar has "Credentials" selected. The main area has tabs for "Credentials", "OAuth consent screen", and "Domain verification". A modal window titled "Create a new key" is open. Inside the modal, it says "You need an API key to call certain Google APIs. The API key identifies your project. Also, it is used to enforce quotas and handle billing, so keep it safe." Below this, there are four tabs: "Server key" (which is highlighted with a red box), "Browser key", "Android key", and "iOS key". At the bottom of the modal, there are "Add credentials" and "Delete" buttons.

10- Digitare il nome dell'API e poi "Create"

This screenshot shows the "Create server API key" dialog. It starts with a back arrow. The title is "Create server API key". Below it, a note says "This key should be kept secret on your server". A detailed note follows: "Every API request is generated by software running on a machine that you control. Per-user limits will be enforced using the address found in each request's userIp parameter, if specified. If the userIp parameter is missing, your machine's IP address will be used instead." A "Learn more" link is provided. There's a "Name" input field containing "Server key 2", which is highlighted with a red box. Below it is an optional "Accept requests from these server IP addresses" input field with examples like "192.168.0.1, 172.16.0.0/12, 2001:db8::1 or 2001:db8::/64". An "IP address" input field is below that. At the bottom are "Create" and "Cancel" buttons, with the "Create" button highlighted with a red box.

Dopo aver generato la key occorre inserirla in Geoweb nel seguente modo: nell'admin di Geoweb, nella sezione “Gestione Mappe”->Sfondi Cartografici- Google xxxx

Gestione Progetti | Gestione Temi E Classi | Gestione Ambiti | **Gestione Mappe e Scene** | Gestione Gruppi ed Utenti | Importa ed Esporta | Dizionario | Cambia password | IT | EN | Logout

Gestione Sfondo Cartografico

Nome *: Google Streets
Tipo *: Google
Usa Tile:
Parametro: Google Streets

Ozioni:

{key: 'key di google')}

Va inserita la seguente stringa: {key: 'key di google'}

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