Create and Setup Google API key

Google API key is a necessary component for several apps and pages to display content correctly and completely such as Maps, Places, Date... This guide will instruct you on how to obtain and setup Google API key with all fundamental services.

Create Google App

First of all, you need to create a Google app to generate the key.

- 1. Go to Google Console Page & Login to your Google account.
- 2. Select Create Project from Console Dashboard or Select projects menu, then click on the + symbol on the popup window to create new project.

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CANCEL OPEN

3. Enter name for new project, select your preference of email notification and lastly choose Yes to agree on Terms of Service >> Create.

Enable Services for Google App

From project Dashboard, click on Enable APIs and Services on top of the page.

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API	APIs & services	Dashboard ENABLE APIS AND SERVICES	
¢	Dashboard	No APIs or services are enabled Browse the Library to find and use hundred's of available APIs and services	
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You will see the library of available services you can apply to your Google app.

From here, you can find the services you want to enable in the list or Use search box for quickly reference.

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Maps for your native Android app.	Maps for your native IOS app.	Maps for your website	Make your Android app stand out with detailed information about 100 million places	Make your IOS app stand out with detailed information about 100 million places

Next we will guide you on how to enable a service, for instance "Google Calendar API" which is vital for displaying date and time on several components.

- Google APIs s phpfox-demo -۹ Search Q Google Calendar API ← × 2 results 31 31 Google Calendar API CalDAV API Google Google Integrate with Google Calendar Integrate with Google Calendar using the Calendar API. using the CalDAV API.
- 1. Type "Google Calendar API" into the search box, and select it from result list.

2. Select Enable to activate this service. You *sucessfully enabled the service* for your Google app.

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🔶 API Library	
31	Google Calendar API Google Integrate with Google Calendar using the Calendar API. ENABLE TRY THIS API 12
Type APIs & services Last updated 9/2/17, 12:29 AM Category G Suite	Overview The Calendar API lets you display, create and modify calendar events as well as work with many other calendar-related objects, such as calendars or access controls. Learn more C ³ About Google
Service name calendar- json.googleapis.com	Google's mission is to organize the world's information and make it universally accessible and useful. Through products and platforms like Search, Maps, Gmali, Android, Google Play, Chrome and YouTube, Google plays a meaningful role in the daily lives of billions of people.

We highly recommend you to go back and continue to enable these below services for your Google app to ensure all settings work and content displays correctly on your site.
 Map & Location service:

 Google Places API Web Service
 Google Places API Web Service
 Google Maps Geocoding API
 Google Maps Geolocation API
 Google Maps JavaScript API
 Google Static Maps API (required for Events app)

Video service:

• Youtube Data API v3

Generate Google API Key from Google App

After enabling all necessary services, we need to generate the API key to use to setup in phpFox setting.

Go back to **Dashboard** and select **Credentials** from left menu.

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		Google Drive API	Gmail API	Google Maps Android API	Google Cloud Translation API
		Google	Google	Google	Google
		The Google Drive API allows clients to access resources from Google Drive	Flexible, RESTful access to the user's inbox	Maps for your native Android app.	The Google Cloud Translation API lets websites and programs integrate with Google Translate

Select Create credentials and choose API key from the drop down list.



A popup will show up with a generated API key of the app. You now have your Google API key, note this key down.

API key created

. . . .

Use this key in your application by passing it with the key=API_KEY parameter.

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A Restrict your key to prevent unauthorized use in production.

CLOSE RESTRICT KEY

Setup Google API Key for phpFox Settings

As you just retrieved your Google API key, you need to setup and put it into your phpFox settings.

From Admin CP, type "Google API key" to search settings box and select the result with path Apps >> Core >> Settings.



Enter your Google API key here and Save Changes.

Google API Key

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Google offers many services that require an API key (like the Places service), enter your Google API key here.

More information on how to get an API key can be found here.

You sucessfully setup Google API key for your website.