# Google Calendar API

https://developers.google.com/calendar/api/v3/reference

# Google OAuth2.0

* Go to Google Cloud Platform and sign into your Google account

<https://console.cloud.google.com/>

* Select a new Project or select one if you already have.
* Go to "APIs & Services" and then to "Credentials" > "Create OAuth Client ID"
* Select "Web application" for Application type and enter either https://oauth.pstmn.io/v1/browser-callback and https://oauth.pstmn.io/v1/callback for Authorised redirect URIs. This ensures the auth flow works for Postman on both desktop and web. Once you hit "Create" you will see "Client ID" and "Client Secret" - those two values are important (do NOT share with anyone) and we will need them later in Postman.
* Next go to "OAuth consent screen" and enter oauth.pstmn.io for "Authorised domains".
* In Test users, make sure to add your account email ID so that you can test the app using your Google account.
* At last, go to Library tab and select API that you want to use. For this example, I am using Google Calendar API. Click on Enable.

*That's everything you need in Google. Let's move to Postman!*

* Create new collection
* Now go to Variables tab in this collection and add new variables:
  + clientId: paste your client Id into the Current Value
  + clientSecret: paste your client secret into the Current Value
  + scope: enter appropriate scope. For example, we need to add one of scopes listed here (<https://developers.google.com/calendar/api/v3/reference/events/insert#auth>).
  + baseUrl: enter API address (https://www.googleapis.com/calendar/v3)
* In Authorization tab of collection, select ‘OAuth 2.0’ for Authorization Type
* Next go to Configure New Token:
  + Enter value for “Token Name”, for example: ‘google token’
  + Check “Authorize using browser” checkbox for “Callback URL”
  + Enter <https://accounts.google.com/o/oauth2/auth> for “Auth URL”
  + Enter <https://oauth2.googleapis.com/token> for “Access Token URL”
  + For “Client ID”, “Client Secret”, and “Scope”, enter appropriate variables that you added in the Variables tab
* At last, just hit "Get New Access Token". That will open up a web browser window asking for your authentication.