How to connect with Google Earth Engine?

* **Have an Earth Engine account**
  + Have an Earth Engine account
  + Integrate your GEE account with google cloud platform (console.cloud.google.com)
  + Register a Google Cloud Project (GCP) project

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* Update your EE account using the form
* https://docs.google.com/forms/d/e/1FAIpQLSdUR5j6lfcsTh3k5H1RJYKQKLRgSheAzKLkYfDdnx9YQ6wUtw/viewform

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* Enable the EE API for the project
* Goto console.cloud.google.com
* From the navigation panel, go to API library
* Search “Google Earth Engine API”
* Then, enable the API

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* Grant Planet access to GEE
* Goto “Service Account”
* Select Create Service Account
* NAME: planet-gee-uploader@planet-earthengine-staging.iam.gserviceaccount.com
* ROLE: Earth Engine Resource Writer
* A screenshot of a computer

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  Description automatically generatedA screenshot of a service account

  Description automatically generated
* Grant Planet access to GEE
* Goto “Service Account”
* Select Create Service Account

A screenshot of a search engine

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Image Collection

Registered project

* **PlanetScope to GEE delivery**
  + After selecting and placing order in the Explorer go to My account
  + My order: Image ID
  + My account: API KEY
  + Go to postman.com

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PS Acc

API KEY

Order ID

Image ID

PS Explorer

* In postman.com

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A screenshot of a computer

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Script used in the above image (edit as required)

{

"name": "iowa\_order",

"products": [

{

"item\_ids": [

"20200925\_161029\_69\_2223",

"20200925\_161027\_48\_2223"

],

"item\_type": "PSScene",

"product\_bundle": "analytic\_sr\_udm2"

}

],

"delivery": {

"google\_earth\_engine": {

"project": "planet-devrel-dev",

"collection": "gee-integration-testing"

}

}

}

* My Script
* [**https://code.earthengine.google.com/9c0ce46fd3f1d028782d4c851a222502**](https://code.earthengine.google.com/9c0ce46fd3f1d028782d4c851a222502)
* My PlanetScope Image assest in GEE
* [**https://code.earthengine.google.com/?asset=projects/mohammedusask/assets/test**](https://code.earthengine.google.com/?asset=projects/mohammedusask/assets/test)
* <https://developers.planet.com/blog/2023/Feb/23/gee-integration-a-planet-developers-deep-dive/>
* <https://support.planet.com/hc/en-us/articles/115013886368-How-is-the-Surface-Reflectance-Product-Provided>
* <https://support.planet.com/hc/en-us/articles/4404581999761-How-to-Place-a-Basic-Imagery-Order-Using-Postman>
* <https://developers.planet.com/apis/orders/scenes/>
* <https://gis.stackexchange.com/questions/389381/planetscope-image-delivery-to-google-earth-engine>
* <https://www.youtube.com/watch?v=Z7FVA8OVj64>
* <https://gis.stackexchange.com/questions/389381/planetscope-image-delivery-to-google-earth-engine>
* <https://gis.stackexchange.com/questions/tagged/planet>
* <https://gis.stackexchange.com/questions/480076/connecting-planet-imagery-orders-to-google-earth-engine>
* <https://gis.stackexchange.com/questions/480076/connecting-planet-imagery-orders-to-google-earth-engine>
* <https://gis.stackexchange.com/questions/316089/convert-planet-imagery-surface-reflectance-product-dn-to-surface-reflectance-val>