

Google OCR

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This guide is to set up the environment to allow the use of Google Vision “Detect Text” (OCR)

Gaining API keys

1. Sign in / Create a Google account
2. In the GCP Console, create a new project
3. Make sure billing is enabled for the project
4. Enable the Vision API
 - 1) <https://console.cloud.google.com/flows/enableapi?apiid=vision.googleapis.com>
5. Set up authentication by creating a service account
 - 2) <https://console.cloud.google.com/apis/credentials/serviceaccountkey>
6. Save the json file
7. Create environment variable pointing to the json file
 - 3) Linux: `export GOOGLE_APPLICATION_CREDENTIALS="[PATH]"`
 - 4) Windows: `$env:GOOGLE_APPLICATION_CREDENTIALS="[PATH]"`

Installing Google Vision module

`pip install --upgrade google-cloud-vision`