

Developing applications using Google App Engine Standard Environment

Week 5

Creating a Google Cloud Platform Account

Open the following URL <https://cloud.google.com/> and sign up for a new Google Cloud account (you will need a valid credit card to tie to your account).

Create a project (optional step, you can perform it in step 3)

Follow the instructions given in the following link

<https://cloud.google.com/resource-manager/docs/creating-managing-projects>

If you get errors when trying to perform certain operations, you may need to enable billing for the new project. If this is the case, check out the following link:

<https://cloud.google.com/billing/docs/how-to/modify-project>

Managing permissions

In order to grant permissions to others on your project (may be helpful for the final project) you can consult this reference

<https://cloud.google.com/iam/docs/quickstart>

Deploying a test application - Google App Engine Standard Environment

Read “About the Standard Environment”

(<https://cloud.google.com/appengine/docs/standard/>) and “The Standard Environment Runtimes”

(<https://cloud.google.com/appengine/docs/standard/runtimes>) sections. Choose one of the supported languages and follow the quickstart guide:

- Python, <https://cloud.google.com/appengine/docs/standard/python3/quickstart>
- Java, <https://cloud.google.com/appengine/docs/standard/java/quickstart>
- Node.js, <https://cloud.google.com/appengine/docs/standard/nodejs/quickstart>
- PHP, <https://cloud.google.com/appengine/docs/standard/php/quickstart>
- Go, <https://cloud.google.com/appengine/docs/standard/go/quickstart>