

14848 HW2 – Docker

First Part

Docker image url: <https://hub.docker.com/repository/docker/wwwweiwiii/hellopython>

Docker commands screenshots:

```
wwwwei824@cloudshell:~/Docker (silver-link-326816)$ docker pull wwwweiwiii/hellopython
Using default tag: latest
latest: Pulling from wwwweiwiii/hellopython
955615a668ce: Pull complete
2756ef5f69a5: Pull complete
911ea9f2bd51: Pull complete
27b0a22ee906: Pull complete
8584d51a9262: Pull complete
524774b7d363: Pull complete
af193b9b3d11: Pull complete
aacb0e56e8f3: Pull complete
46cd7abc9e93: Pull complete
0fdd814d7405: Pull complete
4f4fb700ef54: Pull complete
Digest: sha256:ee4edac8a88006618ed0e3b6d2c82f011364bdde402631d91514e6c4d651c8ac
Status: Downloaded newer image for wwwweiwiii/hellopython:latest
docker.io/wwwweiwiii/hellopython:latest
wwwwei824@cloudshell:~/Docker (silver-link-326816)$ docker tag wwwweiwiii/hellopython:latest gcr.io/silver-link-326816
wwwwei824@cloudshell:~/Docker (silver-link-326816)$ docker tag wwwweiwiii/hellopython:latest gcr.io/silver-link-326816/wwwweiwiii/hellopython:latest
wwwwei824@cloudshell:~/Docker (silver-link-326816)$ docker push gcr.io/silver-link-326816/wwwweiwiii/hellopython:latest
The push refers to repository [gcr.io/silver-link-326816/wwwweiwiii/hellopython]
5f70bf18a086: Layer already exists
4d3306db6107: Pushed
d1d5915c84e4: Layer already exists
45b0de752fd9: Layer already exists
78744c48c9d3: Layer already exists
6cb051b7bcc1: Layer already exists
7cf0f434f498: Layer already exists
8555e663f65b: Layer already exists
d00da3cd7763: Layer already exists
4e61e63529c2: Layer already exists
799760671c38: Layer already exists
latest: digest: sha256:ee4edac8a88006618ed0e3b6d2c82f011364bdde402631d91514e6c4d651c8ac size: 2631
```

Cloud run log file and resource type, resource name in screenshot url:

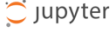
The screenshot shows the Google Cloud Platform interface, specifically the Logs Explorer. The left sidebar contains navigation options: Operations, Logging, Logs Explorer, Logs Dashboard, Logs-based Metrics, Logs Router, and Logs Storage. The main area displays a query for logs from the 'silver-link-326816' project, filtered by 'SERVICE NAME' 'hellopython' and 'LOCATION' 'us-central1'. The query results table shows several log entries from 'run.googleapis.com' with timestamps and messages like 'Hello World' and 'Container called exit(0)'. The interface includes a search bar, filters, and a 'Run query' button.

SEVERITY	TIMESTAMP	SUMMARY
Info	2021-09-30 13:32:45.262 EDT	run.googleapis.com ..
Info	2021-09-30 13:33:51.066 EDT	run.googleapis.com ..
Info	2021-09-30 13:34:03.545 EDT	run.googleapis.com ..
Info	2021-09-30 13:34:14.937 EDT	run.googleapis.com ..
Info	2021-09-30 13:34:15.439 EDT	Hello World
Info	2021-09-30 13:34:15.639 EDT	Container called exit(0).
Info	2021-09-30 13:34:16.184 EDT	run.googleapis.com ..

Second Part


Screenshot of running localhost:8888 in browser















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 jupyter Quit

Files **Running** Clusters

Select items to perform actions on them. Upload New ▾ ↻

☐ 0 ▾  / Name ▾ Last Modified File size

<input type="checkbox"/>	 AzureSearchIndex - Met Artworks.ipynb	a year ago	5.53 kB
<input type="checkbox"/>	 Classification - Adult Census with Vowpal Wabbit.ipynb	a year ago	4.83 kB
<input type="checkbox"/>	 Classification - Adult Census.ipynb	a year ago	3.42 kB
<input type="checkbox"/>	 Classification - Before and After MMLSpark.ipynb	a year ago	10 kB
<input type="checkbox"/>	 Classification - Twitter Sentiment with Vowpal Wabbit.ipynb	a year ago	11.4 kB
<input type="checkbox"/>	 CognitiveServices - Celebrity Quote Analysis.ipynb	a year ago	7.01 kB
<input type="checkbox"/>	 ConditionalKNN - Exploring Art Across Cultures.ipynb	a year ago	11.5 kB
<input type="checkbox"/>	 DeepLearning - BiLSTM Medical Entity Extraction.ipynb	a year ago	11.4 kB
<input type="checkbox"/>	 DeepLearning - CIFAR10 Convolutional Network.ipynb	a year ago	4.39 kB
<input type="checkbox"/>	 DeepLearning - Flower Image Classification.ipynb	a year ago	5.98 kB
<input type="checkbox"/>	 DeepLearning - Transfer Learning.ipynb	a year ago	3.72 kB
<input type="checkbox"/>	 HttpOnSpark - Working with Arbitrary Web APIs.ipynb	a year ago	2.31 kB
<input type="checkbox"/>	 HyperParameterTuning - Fighting Breast Cancer.ipynb	a year ago	4.57 kB
<input type="checkbox"/>	 LightGBM - Quantile Regression for Drug Discovery.ipynb	a year ago	4.27 kB