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Create a Plugin
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Testing


Plugins you created....

Google Cloud NLP 

By Dataiku (Alex COMBESSIE, Joachim ZENTICI)

Use Google Cloud Natural Language APIs to perform Sentiment Analysis, Named Entity Recognition and Text Classification


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Web Apps you created...




Word Cloud Generator



Customer Segment Visualizer



Model Drift Monitor



Running Development Containers....


Adam's Dev Container

Scott's Dev Container

Kathy's Dev Container

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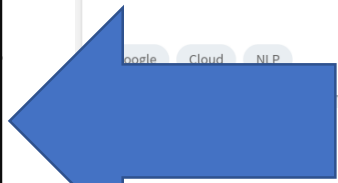
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Create a Plugin

Plugin Name:

Plugin ID:

Create



Would you like us to add the plugin to your dev container?

Dev Container

Dropdown

You can ssh into your dev container by running the following command on a local terminal (Dataiku will expose the container on port 8000)

```
ssh -NL 8000:localhost:8000 dataiku-backstage-ip-address
```


OR perhaps the above will be executed behind the scenes via a CLI tool for the end user

You can also use Visual Studio Code to connect to this remote container by following these instructions....

Done

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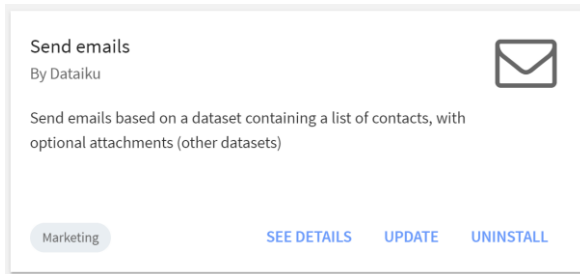
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Testing Area



To add a plugin or web app to the testing area in your dev container's use the command:

```
dss-backstage test-area add send-emails
```

Once your plugin is in the staging area you can run the following command to run your unit tests.

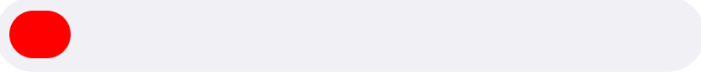
```
dss-backstage test-area run send-emails
```

When the user runs the above command this page will change and start running tests.

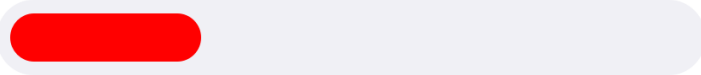


Running tests for plugin “send-emails”

Unit Test # 1: Test on small dataset



Unit Test # 2: Test on 2 million record dataset



Unit Test # 3: Test on empty dataset



Unit Test # 4: Test for incorrect email address column type



Recipe Component

See Dummy Project Flow

See Dummy Project Flow

See Dummy Project Flow

See Dummy Project Flow

This button only shows up if all test cases have passed. When this button is pressed it also will change the version number.

Push to Designer Node



Running tests for plugin “send-emails”

Some components may not be supported in the testing area.

You can imagine that you could also test web apps as well using a tool like <https://www.cypress.io/> .

This would be built into the workflow for the testing area.