


# Revisiting OpenShift

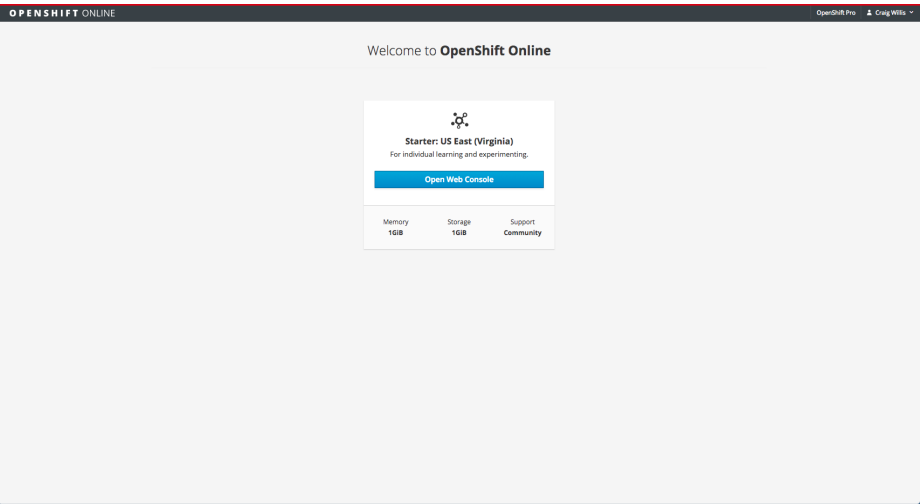
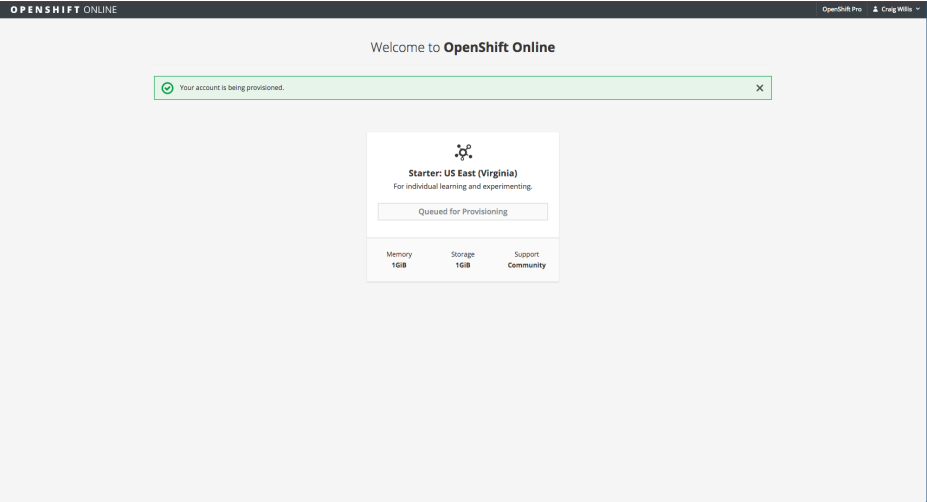
Below are notes from a cursory review of OpenShift in light of 

 **NDS-1050** - Evaluate OpenShift 

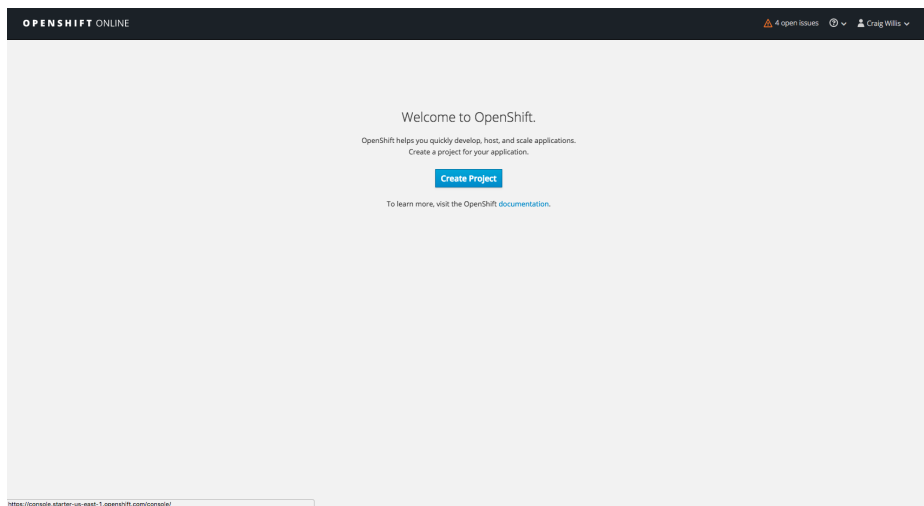
CLOSED

 .

Account provisioning model based on region suggests services similar to AWS, GCE, Azure. Unclear why I'd choose OpenShift as a separate service, unless installing locally. If it's trying to be Heroku, it has competition in this space from Deis.

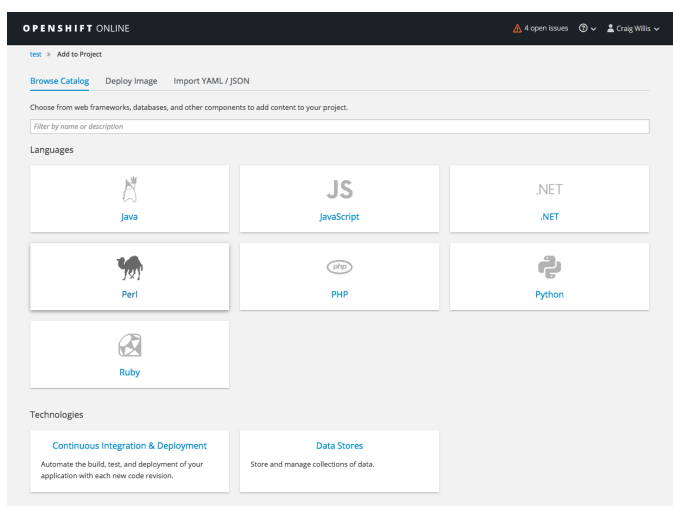


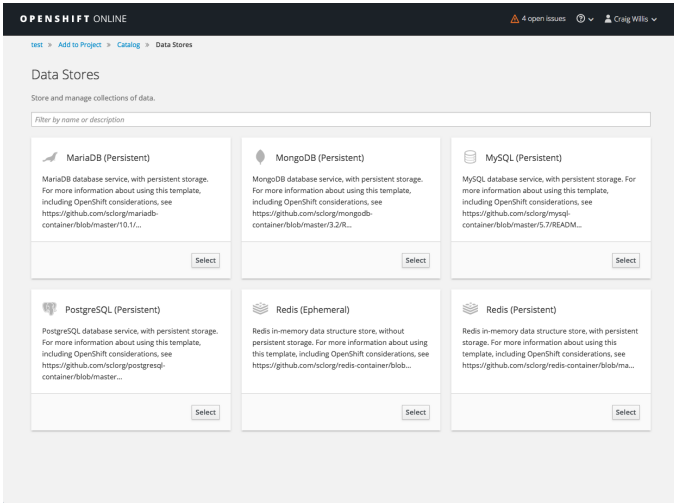
Projects appear to be directly related to Kubernetes namespaces.



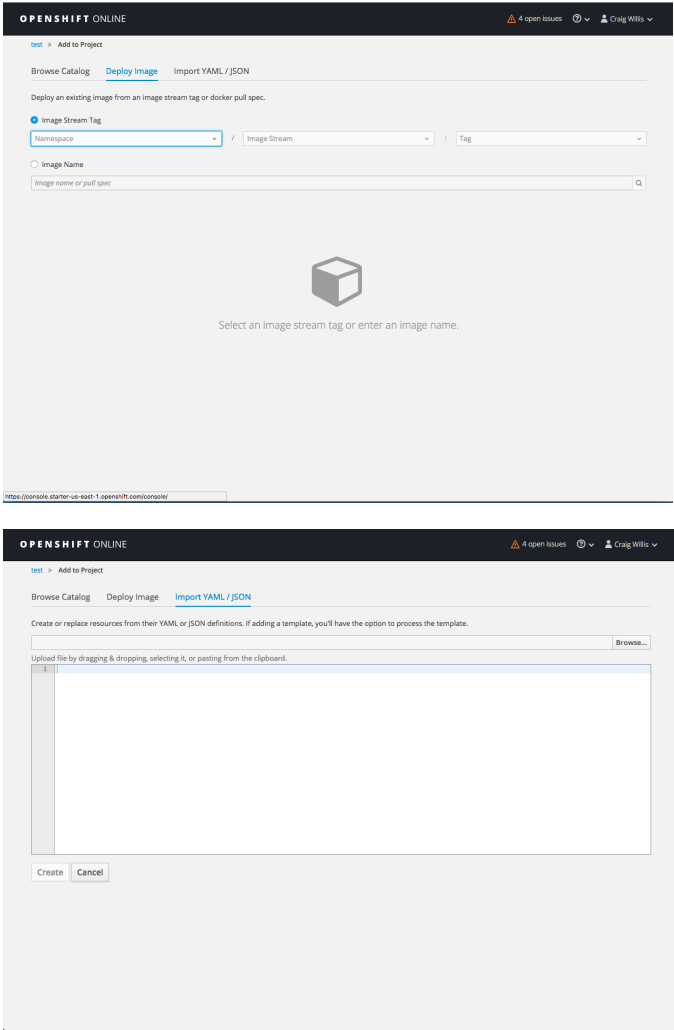
The image shows the "Create Project" form in OpenShift Online. The header bar is the same as the previous screen. The form has the title "Create Project". It contains three input fields: "Name" with the value "Test", "Display Name" with the value "test", and "Description" with the placeholder "A short description.". Below the "Name" field, there is a red error message: "A unique name for the project. Project names may only contain lower case letters, numbers, and dashes. They may not start or end with a dash." At the bottom of the form are "Create" and "Cancel" buttons.

Application catalog is still sparse – primarily development environments, CI and databases.






Users can paste their own JSON/YAML, which will largely be Kubernetes format.



OPENSIFT ONLINE

4 open issuesCraig Willis

test > Add to Project > Catalog > Python



## Python

Build and run Python 3.5 applications on RHEL 7. For more information about using this builder image, including OpenShift considerations, see <https://github.com/openshift/jango-ex-gi/blob/master/3.5-README.md>.

Version: 3.5

\* Name

Identifies the resources created for this application.

\* Git Repository URL

Sample repository for python: <https://github.com/openshift/jango-ex-gi> Try it

Show advanced options for source, routes, builds, and deployments.

CreateCancel

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test > Add to Project > Python > Next Steps

## Application created. [Continue to overview.](#)

### Manage your app

The web console is convenient, but if you need deeper control you may want to try our command line tools.

### Command line tools

Download and install the `oc` command line tool. After that, you can start by logging in, switching to this particular project, and displaying an overview of it, by doing:

```
oc login https://api.starter-us-east-1.openshift.com
oc project willis-test
oc status
```

For more information about the command line tools, check the [CLI Reference](#) and [Basic CLI Operations](#).

### Making code changes

A GitHub [webhook trigger](#) has been created for the `willis8-python` build config. You can now set up the webhook in the GitHub repository settings if you own it, in <https://github.com/openshift/jango-ex/settings/hooks>, using the following payload URL and specifying a Content type of `application/json`:

```
https://api.starter-us-east-1.openshift.com
```

Dashboard is nice, but the concepts are all straight from Kubernetes – Pods, Services, etc.

Project testAdd to Project4 open issuesCraig Willis

OverviewApplicationsBuildsResourcesStorageMonitoring

NameFilter by nameList byApplication

Created application willis8-python in project test. [Show Details](#) | [Dismiss](#)

APPLICATION

willis8-python

<http://willis8-python-willis-test.1d35.starter-us-east-1.openshiftapps.com/>

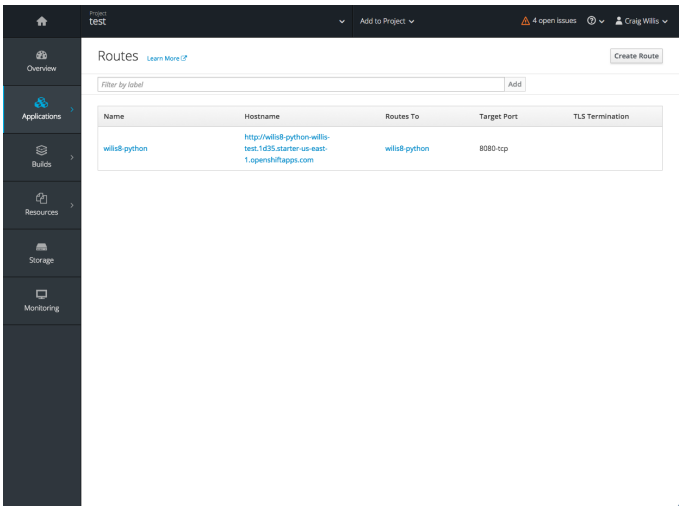
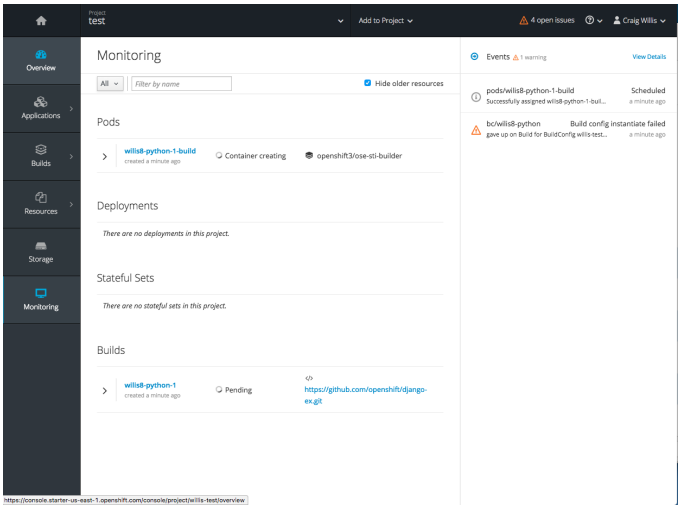
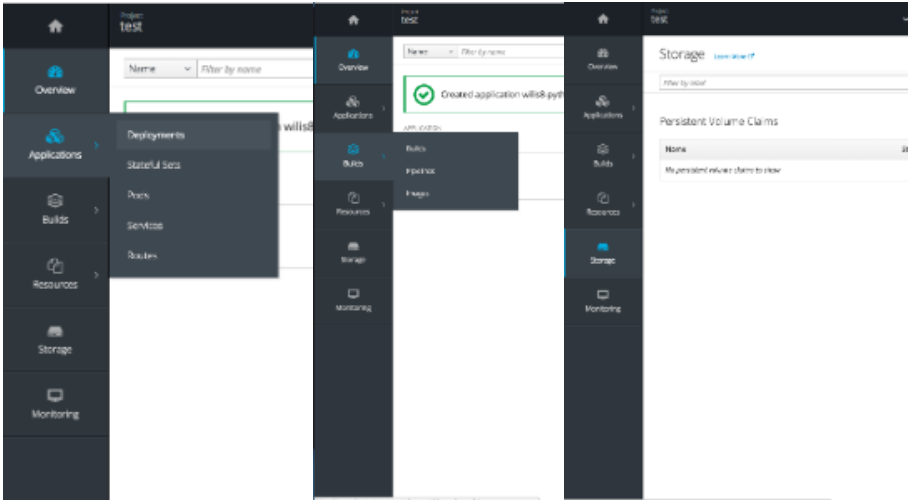
DEPLOYMENTS

willis8-python

Builds 1

No deployments for willis8-python

There appear to be a few additional items, such as builds and monitoring



Project

test

Add to Project

4 open issues

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Overview

Applications

Builds

Resources

Storage

Monitoring

Membership

[Learn More](#)

Edit Membership

Users (1)

Groups (0)

Service Accounts (2)

System Users (0)

System Groups (1)

Name	Roles
willis@cillineo.edu (you)	admin