



VISUAL WORK-FLOWS FOR OPENSIFT

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PROBLEM

Identify enterprise work-flows for deploying applications to Openshift and build a client which provides an interface to the Broker-API for simple deployments as well as more complicated work-flows using –

1. Keystone authentication
2. Openshift REST API
3. Abstract interface to create your own work-flows

CONTRIBUTIONS

We designed and implemented a system which can take as an input, an enterprise workflow for Openshift and then deploys it to the cloud. Some salient features of our project are

1. HTML5 based drag and drop interface for building work-flows.
2. Ability to deploy to all Openshift distributions
3. Extensible

ARCHITECTURE

USER INTERACTIONS

SCREENSHOTS



TECHNOLOGIES USED



FUTURE VERSIONS

We would like to extend the application to managing deployed apps as well. Particularly, setting auto-scale parameters and controlling the life-cycle.

We would also like to add a mechanism by which the user can directly deploy his code using our portal rather than having to synchronize Git repositories manually.

SOURCE CODE

The source code for the back and front end is available available at <https://github.com/subszero/openshift-workflows>

