

k8s - Task #2

Goals

- Use k8s python client to obtain cluster information

Estimated Time: 15-30 minutes

Prerequisites

All steps below should be performed in your personal Cloud9 environment.

Steps

1. Install *kubernetes* package for python using pip (may need to sudo or supply --user for pip)
2. Create a new python file *cluster_info.py* and open for edit
3. Follow this [example](#) by k8s to report basic pods information
4. Explore the [V1Pod](#) class to print additional information (from *spec* or *status* fields, such as the hostname etc.)
5. Extend your script to get information on all nodes using *list_node* API function
6. Explore the [V1Node](#) class to print details about each node to the screen