1 HW 3: Hands dirty with Operators

- Assigned: Oct 6th, 2020
- Due: Oct 14th, 2020 (11:59 ET)
- No Groups: Solo project.
- Hand-In: None
- Submission: [Google Form](#) (Due to the size the form will take some time to load).

In this project, you’ll be given a set of Kubernetes Operator github issues and your job would be to classify them according to a rubric we’ve setup. You can read more about K8s operators [here](#) and [here](#). The rubric for the classification is as follows:

- **Configuration**: Exposing the ability to add, edit, remove or consume a configuration value in a set of CRDs.
- **Extend**: Change operator’s internal controller behaviour, sometimes to support a new workflow.
- **Management**: Increase or decrease the set or scope of resources the operator directly manages.
- **Observability**: Metrics, dashboards and analytics related to the operator.
- **Security**: Management of permissions (authorization, authentication) or for securing ingress.
- **Other**: Performance, refactoring, testing, etc.

Example of some Kubernetes operator issues include: [Link](#), [Link](#) and [Link](#). Note, that the [Google Form](#) contains 190 issues while you only have to classify 30 of them. If you complete more than 30 you will get extra-credit, i.e., the first 30 will give you 100 marks (for this assignment) and each 30 after that will give you 5 extra marks.