The Origin Community Distribution of Kubernetes that powers Red Hat OpenShift.

Built around a core of OCI container packaging and Kubernetes container cluster management, OKD is also augmented by application lifecycle management functionality and DevOps tooling. OKD provides a complete open source container application platform.

https://www.okd.io
OpenShift
The developer and operations friendly Kubernetes distro
https://www.openshift.com

Repositories | 284
People | 135
Projects | 0

Pinned repositories

**origin**
Enterprise Kubernetes for Developers
- Go 5.7k
- Go 3.3k

**openshift-docs**
OpenShift Documentation
- CSS 251
- 644

**source-to-image**
A tool for building/container artifacts from source and injecting into docker images
- Go 1.1k
- 369

**openshift-ansible**
OpenShift Installation and Configuration Management
- Python 1.4k
- 1.8k

**openshift-ansible-contrib**
Additional roles and playbooks for OpenShift installation and management
- Python 245
- 354

**library**
Examples and Components for deploying into OpenShift
- Python 91
- 93
PR ⇔ OKD
SELF-SERVICE AND OWNERSHIP
HISTORY
KUBERNETES-BASED CI/CD SYSTEM
IF THIS THEN THAT
FOR GITHUB
DEVELOPMENT WORKFLOWS
openshift-ci-robot added the size/XS label 3 days ago
openshift-ci-robot added the size/XS label 3 days ago

openshift-ci-robot requested review from petr-muller and stevekuznetsov 3 days ago
openshift-ci-robot added the size/XS label 3 days ago

openshift-ci-robot requested review from petr-muller and stevekuznetsov 3 days ago

petr-muller commented 26 seconds ago

/lgtm

openshift-ci-robot assigned petr-muller 24 seconds ago

openshift-ci-robot added the lgtm label 23 seconds ago
@droslean: PR needs rebase.

Details

openshift-bot commented on Aug 29, 2018

openshift-ci-robot added the needs-rebase label on Aug 29, 2018

openshift-ci-robot assigned petr-muller 24 seconds ago

openshift-ci-robot added the lgtm label 23 seconds ago
[APPROVALNOTIFIER] This PR is APPROVED

This pull-request has been approved by: mgencur, petr-muller

The full list of commands accepted by this bot can be found here.

The pull request process is described here

Details

openshift-ci-robot added the approved label 10 days ago

openshift-ci-robot assigned petr-muller 24 seconds ago

openshift-ci-robot added the lgtm label 23 seconds ago
[APPROVALNOTIFIER] This PR is **APPROVED**

This pull-request has been approved by: *mgencur, petr-muller*

The full list of commands accepted by this bot can be found [here](#).

The pull request process is described [here](#)

### Details

**/retest**

Please review the [full test history](#) for this PR and help us cut down flakes.
MERGING 2
Some checks haven’t completed yet
1 pending and 10 successful checks

Add documentation on rehearsals

- All tests passed
- Does not meet label requirements

**PR's Labels**

- approved
- size/M

**Required Labels (Missing)**

- lgtm

**Forbidden Labels (Shouldn't have)**

- Does not appear to have merge conflicts
EXECUTE SOMETHING
WHEN SOMETHING HAPPENS
EXECUTE POD
WHEN SOMETHING HAPPENS
EXECUTE POD
WHEN TIME HAPPENS
PERIODICS
EXECUTE POD
WHEN PR MERGES
POSTSUBMITS
EXECUTE POD
WHEN NEW COMMITS APPEAR IN PR
PRESUBMITS
presubmits:
  openshift/ci-operator:
    - name: pull-ci-openshift-ci-operator-master-demo
      always_run: true
      branches:
        - master
      rerun_command: /test demo
      trigger: ((?m)^/test( all| demo),?\s+|$))
      context: ci/prow/demo
      spec:
        containers:
          - args:
              - --artifact-dir=$(ARTIFACTS)
              - --give-pr-author-access-to-namespace=true
              - --target=demo
        command:
          - ci-operator
        image: ci-operator:latest
    - ...another job...
presubmits:

  openshift/ci-operator:
    - name: pull-ci-openshift-ci-operator-master-demo
      # always_run: true
      # branches:
      #  - master
      # rerun_command: /test demo
      # trigger: ((?m)^/test( all| demo),(?s+|$))
      # context: ci/prow/demo
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        containers:
          - args:
            - --artifact-dir=$(ARTIFACTS)
            - --give-pr-author-access-to-namespace=true
            - --target=demo
            command:
              - ci-operator
            image: ci-operator:latest

  ...another job...
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#     branches:
#      - master
#     rerun_command: /test demo
#     trigger: ((?m)^/test( all| demo),?(\s+|$))
#     context: ci/prow/demo

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  containers:
    - args:
      - --artifact-dir=$(ARTIFACTS)
      - --give-pr-author-access-to-namespace=true
      - --target=demo
    command:
      - ci-operator
    image: ci-operator:latest
#     - ...another-job...
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#     containers:
#       - args:
#         - --artifact-dir=$(ARTIFACTS)
#         - --give-pr-author-access-to-namespace=true
#         - --target=demo
#       command:
#         - ci-operator
#     image: ci-operator:latest
#   - ...another-job...
Some checks haven’t completed yet
1 pending and 4 successful checks


- ✔ ci/prow/demo — Job succeeded.
- ✔ ci/prow/images — Job succeeded.
- ✔ ci/prow/lint — Job succeeded.
- ✔ ci/prow/unit — Job succeeded.
presubmits:
  openshift/ci-operator:
    - name: pull-ci-openshift-ci-operator-master-demo
      always_run: true
      branches:
        - master
      rerun_command: /test demo
      trigger: ((?m)^/test( all| demo),?(\s+|$))
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            - --target=demo
            command:
              - ci-operator
            image: ci-operator:latest
    - ...another job...
CI-OPERATOR
NOT AN OPERATOR
Inputs

```json
JOB_SPEC={
  "type": "presubmit",
  "job": "pull-ci-org-repo-job",
  "refs": {
    "org": "openshift",
    "repo": "component",
    "base_ref": "master",
    "base_sha": "...",
    "pulls": [{"number": 1234, "author": "developer", "sha": "..."}]
  }
}
```

```
$ ci-operator --config=component-config-config.yaml
```
COMPONENT CONFIG
CONTAINERIZED TESTS
(openshift/must-gather)

build_root:
  image_stream_tag:
    cluster: https://api.ci.openshift.org
    name: release
    namespace: openshift
    tag: golang-1.10

test_binary_build_commands: make build GOFLAGS='-race' --warn-undefined-variables
tests:
  - as: unit
    commands: make test-unit --warn-undefined-variables
    container:
      from: test-bin

$ ci-operator ... --target=unit
base_images:
  base:
    cluster: https://api.ci.openshift.org
    name: origin-v4.0
    namespace: openshift
    tag: base

images:
  - dockerfile_path: Dockerfile
    from: base
    to: must-gather

$ ci-operator ... --target=[images]
OKD "BUILDS"
(RELEASE PAYLOADS)

$ ci-operator ... --target=[release:latest]
CLUSTER TESTS
(openshift/must-gather)

tag_specification:
  cluster: https://api.ci.openshift.org
  name: origin-v4.0
  namespace: openshift
tests:
  - as: e2e-aws
    commands: TEST_SUITE=openshift/conformance/parallel run-tests
    openshift_installer:
      cluster_profile: aws
  - as: e2e-aws-operator
    commands: make test-e2e
    openshift_installer_src:
      cluster_profile: aws

Template: install cluster and run shared OKD tests
Template: install cluster and run tests from repo

$ ci-operator ... <not that easy>
tag_specification:
  cluster: https://api.ci.openshift.org
  name: origin-v4.0
  namespace: openshift

$ ci-operator ... --target=[images] --promote
SCALING AND SELF-SERVICE
$ wc -l cluster/ci/config/prow/config.yaml
4960 cluster/ci/config/prow/config.yaml

$ tree ci-operator/jobs -P '*.yaml'

```
cluster/ci/config/prow/config.yaml
  ├── containers
  │    └── libpod
  │      ├── containers-libpod-master-postsubmits.yaml
  │      └── containers-libpod-master-presubmits.yaml
  ├── openshift
  │    ├── api
  │    │    ├── openshift-api-master-presubmits.yaml
  │    │    └── openshift-api-release-3.11-presubmits.yaml
  │    └── builder
  │        ├── openshift-builder-master-postsubmits.yaml
  │        └── openshift-builder-master-presubmits.yaml
  └── client-go
      └── openshift-client-go-master-presubmits.yaml
```
tests:
- as: unit
  
  ...
- as: e2e-aws
  
  ...
- as: e2e-aws-operator
  
  ...

images:
- from: base
  
to: cluster-monitoring-operator

presubmits:
  openshift/cluster-monitoring-operator:
    name: ...
    args:
      --target=unit

    name: ...
    args:
      --target=e2e-aws

    name: ...
    args:
      --target=e2e-aws-operator

    name: ...
    args:
      --target=[images]
      --target=[release:latest]

postsubmits:
  openshift/cluster-monitoring-operator:
    name: ...
    args:
      --promote
      --target=[images]
images:
- from: base
  to: cluster-monitoring-operator
...

tests:
- as: unit
...
- as: e2e-aws
...
- as: e2e-aws-operator
...

presubmits:
  openshift/cluster-monitoring-operator:
    - name: ...-unit
      - args:
        - --target=unit
    - name: ...-e2e-aws
      - args:
        - --target=e2e-aws
    - name: ...-e2e-aws-operator
      - args:
        - --target=e2e-aws-operator
    - name: ...-images
      - args:
        - --target=[images]
        - --target=[release:latest]

postsubmits:
  openshift/cluster-monitoring-operator:
    - name: ...-images
      - args:
        - --promote
        - --target=[images]
## TIGHT CONTROL

<table>
<thead>
<tr>
<th>CI Identifier</th>
<th>Status</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>ci/prow/owners</td>
<td>Job succeeded.</td>
<td></td>
</tr>
<tr>
<td>ci/prow/pj-rehearse</td>
<td>Job succeeded.</td>
<td></td>
</tr>
<tr>
<td>ci/prow/prow-config-filenames</td>
<td>Job succeeded.</td>
<td></td>
</tr>
<tr>
<td>ci/prow/prow-config-semantics</td>
<td>Job succeeded.</td>
<td></td>
</tr>
<tr>
<td>ci/prow/pylint</td>
<td>Skipped</td>
<td></td>
</tr>
<tr>
<td>ci/prow/ci-operator-config</td>
<td>Job succeeded.</td>
<td></td>
</tr>
<tr>
<td>ci/prow/config</td>
<td>Job succeeded.</td>
<td></td>
</tr>
<tr>
<td>ci/prow/generated-config</td>
<td>Job succeeded.</td>
<td></td>
</tr>
<tr>
<td>ci/prow/ordered-prow-config</td>
<td>Job succeeded.</td>
<td></td>
</tr>
</tbody>
</table>
QUALITY OF LIFE
STATUS RECONCILER
JOB REHEARSALS

[IN PROGRESS]
FUTURE
INVESTIGATION TOOLS
METRICS & ALERTS
STATS
715 JOBS
120 REPOSITORIES
10 ORGS
32000 LINES OF YAML
OKD E2E GATES ~70 REPOS
24 HOURS
~2600 JOBS
FOR 233 PRS
600 JOBS DEPLOYED A CLUSTER