

## conformance

**conformance** is a standalone container to launch Kubernetes end-to-end tests, for the purposes of conformance testing. **conformance** is built for multiple architectures and *the image is pushed automatically on every release*.

### How to release by hand

```
# First, build the binaries by running make from the root directory
$ make WHAT="test/e2e/e2e.test vendor/github.com/onsi/ginkgo/ginkgo cmd/kubect1 test/conform

# Build for linux/amd64 (default)
# export REGISTRY=$HOST/$ORG to switch from k8s.gcr.io

$ make push VERSION={target_version} ARCH=amd64
# ---> k8s.gcr.io/conformance-amd64:VERSION
# ---> k8s.gcr.io/conformance:VERSION (image with backwards-compatible naming)

$ make push VERSION={target_version} ARCH=arm
# ---> k8s.gcr.io/conformance-arm:VERSION

$ make push VERSION={target_version} ARCH=arm64
# ---> k8s.gcr.io/conformance-arm64:VERSION

$ make push VERSION={target_version} ARCH=ppc64le
# ---> k8s.gcr.io/conformance-ppc64le:VERSION

$ make push VERSION={target_version} ARCH=s390x
# ---> k8s.gcr.io/conformance-s390x:VERSION
```

If you don't want to push the images, run `make` or `make build` instead

### How to run tests

```
kubect1 create -f conformance-e2e.yaml
```