

Release Testing Procedures - Running Hydra Test Suites

General Notes

- Run `bundle install` for applications or `bundle update` for gems/engines
- Run Solr/Fedora using the instructions below, then run `bundle exec rspec` in another window
- Replace `$VERSION` with the version being tested, or set an environment variable ``VERSION=4.6.2-RC-1``

Active Fedora (should work for most Hydra gems)

Run Solr and Fedora in separate windows:

```
$ echo "version: $VERSION" >> lib/generators/active_fedora/config/fedora/templates/fcrepo_wrapper_test.yml
$ solr_wrapper -n hydra-test -p 8985
$ fcrepo_wrapper --version $VERSION -p 8986
```

Valkyrie

Run two Solr instances and Fedora in separate windows:

```
$ solr_wrapper -p 8984 -i tmp/blacklight-core-test -n blacklight-core-test -d solr/config
$ solr_wrapper -p 8985 -i tmp/hydra-test -n hydra-test -d solr/config
$ fcrepo_wrapper --version $VERSION -p 8988
```

Valkyrie with fcrepo-5.0.0-RC

Run the test servers with the 5.0.0 RC: `FCREPO_VERSION=5.0.0-RC-2 rake server:test`

Run the test suite with Fedora 5 compatibility enabled: `FEDORA5_COMPAT=true rspec`

Sufia, Curation Concerns, and Hyrax (should work for most Hydra engines)

Run Solr and Fedora in the test application that is built using Engine Cart:

```
$ bundle exec rake engine_cart:regenerate
$ cd .internal_test_app
$ echo "version: $VERSION" >> config/fcrepo_wrapper_test.yml
$ bundle exec rake hydra:test_server
```

Plum (should also work for most Hydra apps)

Run Solr and Fedora in the main application:

```
$ echo "version: $VERSION" >> config/fcrepo_wrapper_test.yml
$ rake hydra:test_server
```