Continuous Integration

DSpace Continuous Integration

Definition of Continuous Integration (CI): Martin Fowler

DSpace uses GitHub Actions for all Continuous Integration

How it is done

For every PR & on every commit, a DSpace GitHub "build" Action runs, both on the frontend & backend

- Backend CI Build/Test: https://github.com/DSpace/DSpace/blob/main/.github/workflows/build.yml
- Frontend CI Build/Test: https://github.com/DSpace/dspace-angular/blob/main/.github/workflows/build.yml

Failures are reported in the PR's status checks in GitHub.

If failures occur, artifacts of logs/screenshots are created & attached to the failed task. These can be useful for debugging odd failures

Browse Builds

- Browse all recent backend builds: https://github.com/DSpace/DSpace/actions/workflows/build.yml
- Browse all recent frontend builds: https://github.com/DSpace/dspace-angular/actions/workflows/build.yml