

Debugging the `components-repo-unit-tests` job

Currently all changes to Ivy are validated against the test suite of the `angular/components` repository. In order to debug the `components-repo-unit-tests` CI job, the following steps can be used:

- 1) Build the Ivy package output by running `node ./scripts/build/build-packages-dist.js` in the `angular/angular` repo.
- 2) Clone the `angular/components` repository if not done yet ([quick link to repo](#)).
- 3) Set up the package output in the `angular/components` repository by running the following command in the `angular/angular` repo:

```
node ./scripts/ci/update-framework-deps-to-dist-packages.js  
{COMPONENTS_REPO}/package.json ./dist/packages-dist
```

- 4) Switch into the `angular/components` repository and run the tests by using the following command:

```
yarn test --deleted_packages=//src/dev-app
```

Running tests for individual entry-points

The `yarn test` script from the `components` repository runs all tests in the project. This is sometimes not desired because it involves building and testing of all packages and entry-points. Running tests for an individual entry-point is possible by explicitly selecting a given test target.

Here is an example of commands that run individual test targets. Note that it is **important** to specify the `--config=ivy` flag in order to run tests with Ivy.

```
yarn bazel test --config=ivy src/material/slider:unit_tests  
yarn bazel test --config=ivy src/cdk/ally:unit_tests  
yarn bazel test --config=ivy src/material/toolbar:unit_tests
```