

Integration tests

These tests are not hermetic, and use the actual Flutter SDK. While they don't require actual devices, they run `flutter_tester` to test Dart VM and Flutter integration.

Use this command to run (from the `flutter_tools` directory):

```
../../bin/cache/dart-sdk/bin/pub run test test/integration.shard
```

You need to have downloaded the Dart SDK in your Flutter clone for this to work. Running `../../bin/flutter` will automatically download it.

Coverage exclusion

These tests are expensive to run and do not give meaningful coverage information for the `flutter` tool (since they are black-box tests that run the tool as a subprocess, rather than being unit tests). For this reason, they are in a separate shard when running on continuous integration and are not run when calculating coverage.