PARTS OF A CI SYSTEM

The basic parts of a CI system are:

4. Workers

Checks out the code if not done in (3) and sets it up. Runs the test suite (or part of it)

5. Reporter

Aggregates any results and reports back to the source of the code change

PARTS OF A CI SYSTEM

- We also need a UI to see the CI running and stream logs in real time

- We can sometimes need a test flakiness* detection system

* test flakiness occurs when a test, that should pass, fails some of the time for unrelated reasons. This could be due to performance issues of the system, time based issues, or something else unknown.