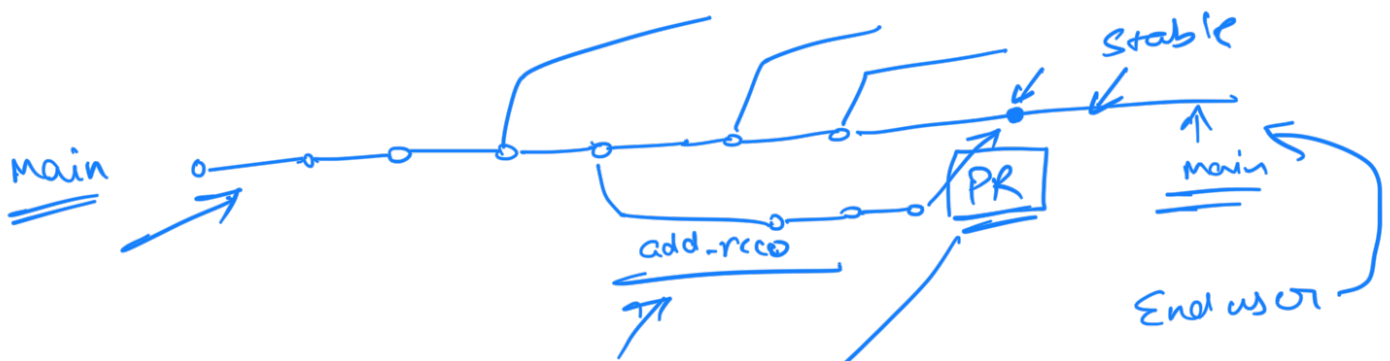
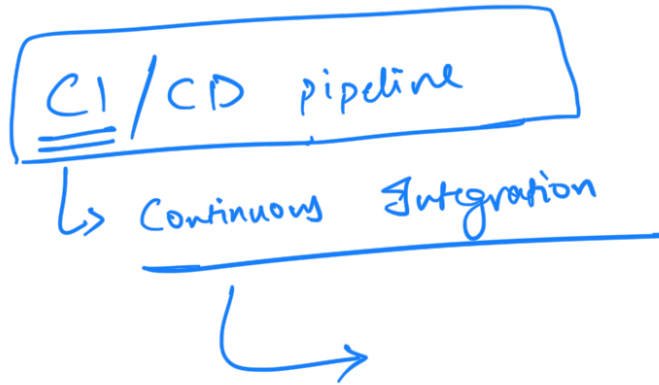
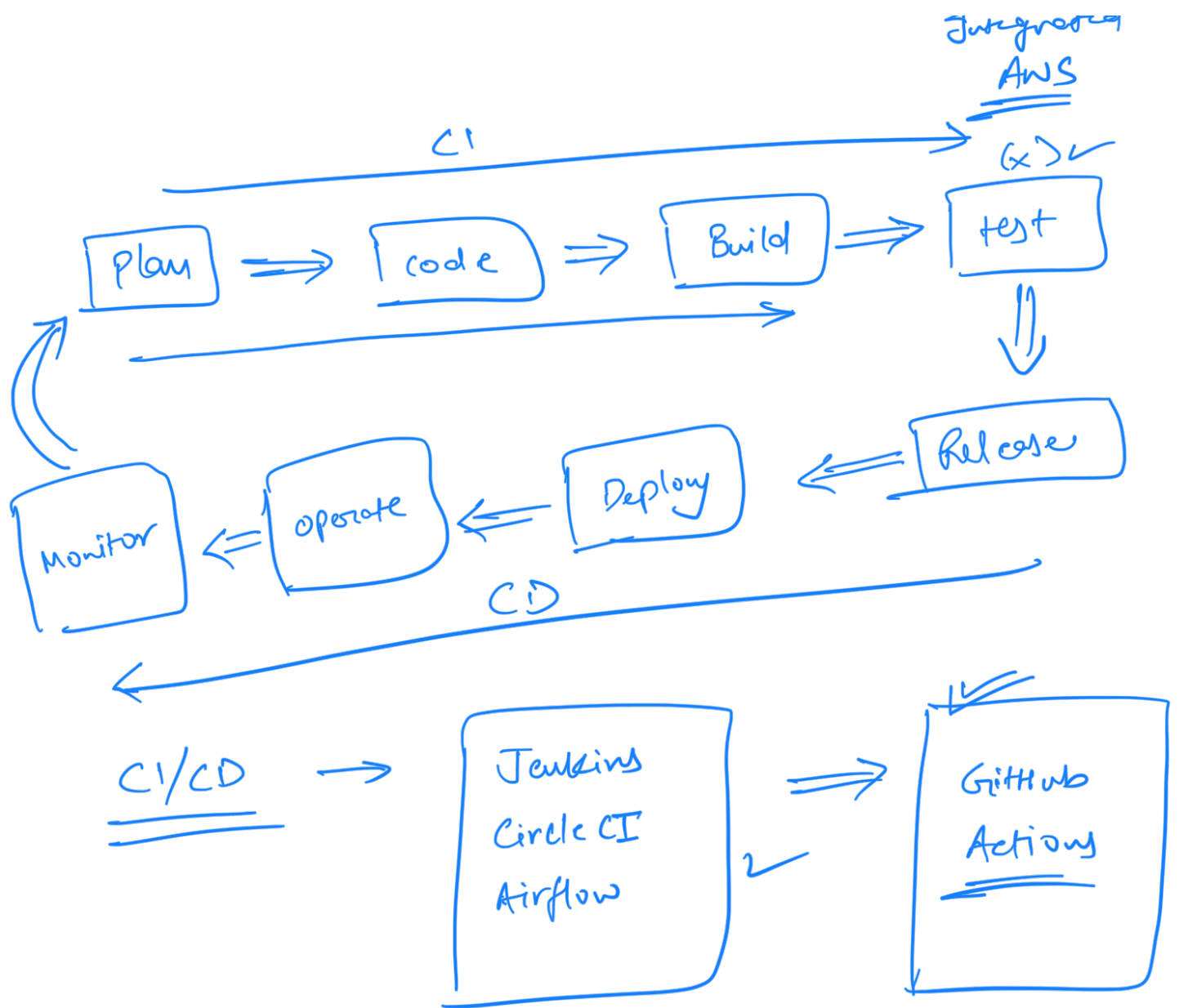


Continuous Integration with GitHub Actions



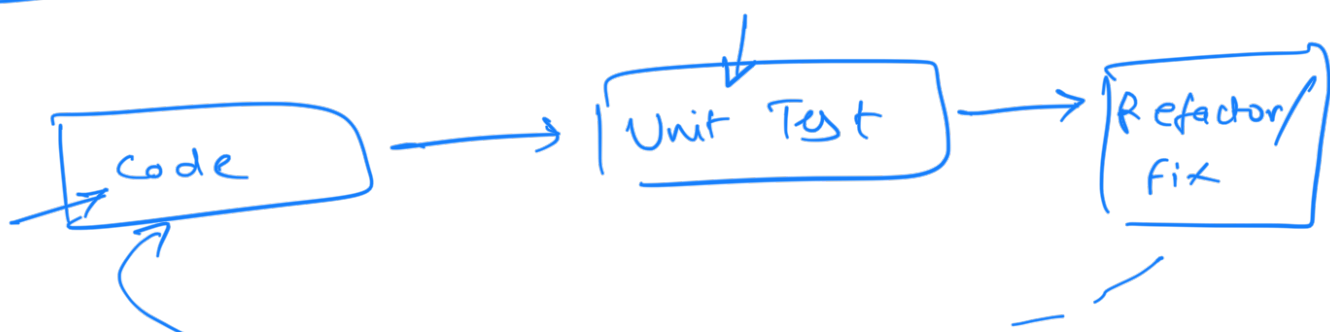
- ① Reviewed by 1 or 2 peers
 - ② Reviewed by manager
 - ③ Merged
 - ⇒ ④ Automatic tests ✓
- ↓
- Once merged into main
- ↳ Kick off CD



Unit Tests

Automated tests to ensure that a section of the application meets its design & intended behavior.

fn → Unit

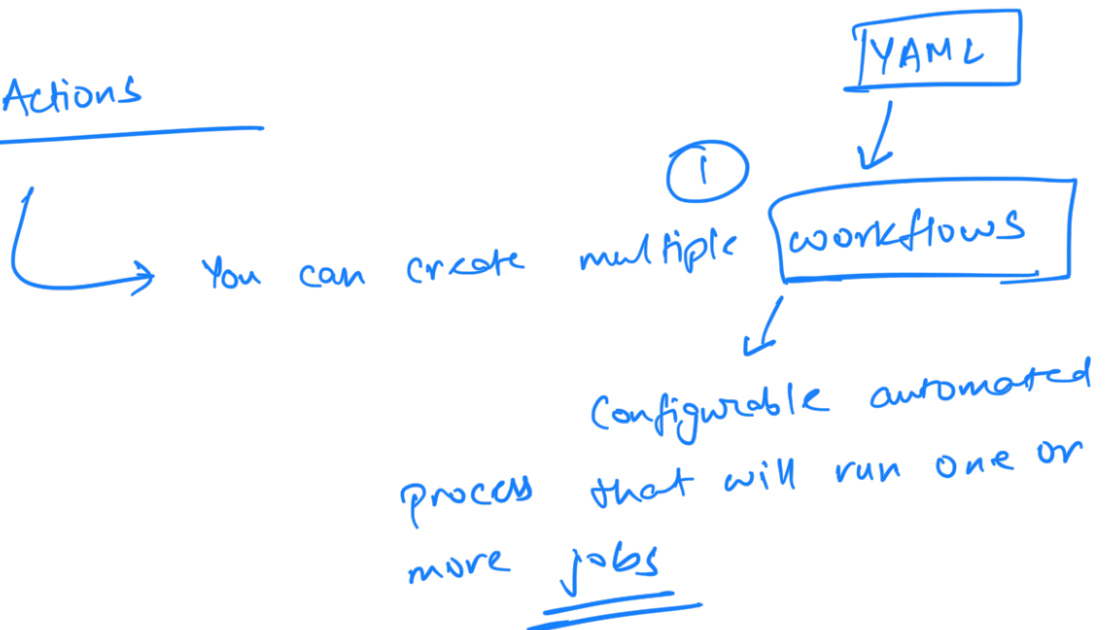


Pytest — Python testing framework.

. (dot) → Means a test has passed.
F → " " " " failed
E → " " " " Exception

Pytest Fixtures

GitHub Actions



Example: ① Testing PR ✓

② Deploy when a release is created

Event : Specific activity in a repository. ✓

Job : A set of steps in a workflow that execute on the same runner.

