

## Unit tests

- Scope: pure functions
- Inputs → Exp. outputs
- Simple & fast

## Functional tests

- Scope: final product
- System as a black box
- Can be slow and flaky

## Integration tests

- Scope: component(s)
- Inject mocks and spies
- More complex

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## Tips & recommendations

- No 100% coverage
- Make tests predictable
- Name tests wisely
- Golden path first
- Use a CI system
- Clean up
- Beware of flaky tests
- One PR = at least one test
- One bug = regression test