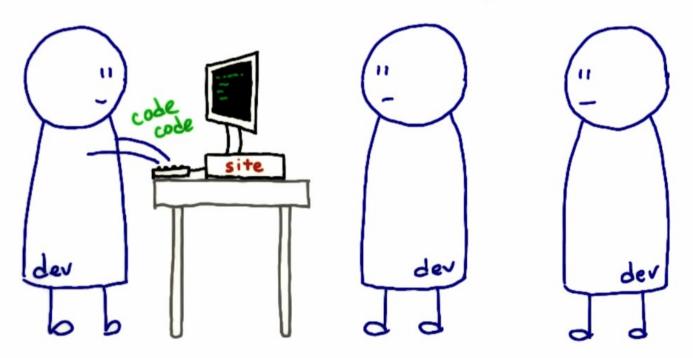
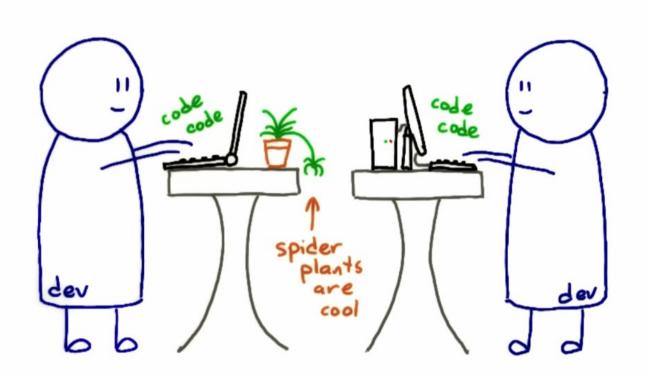
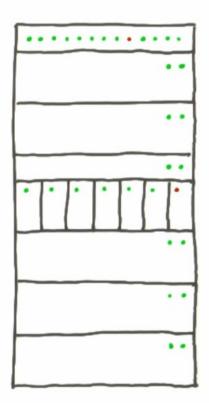
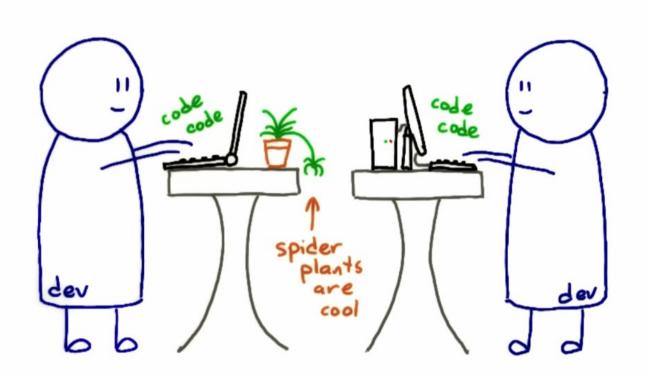
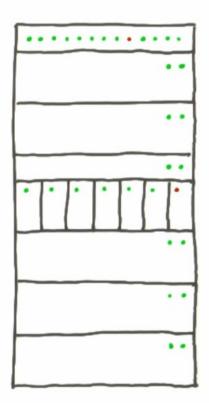
Hey, when do we get to work on the site?



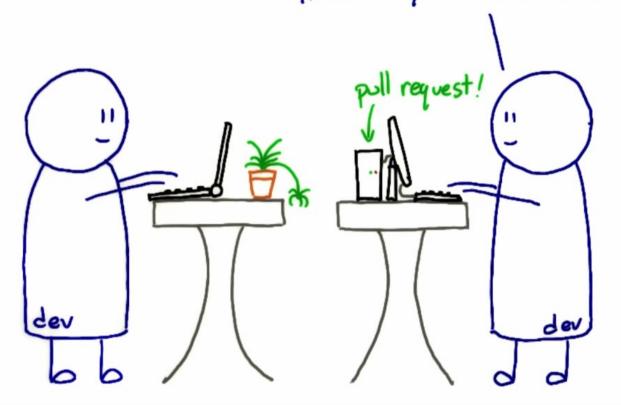


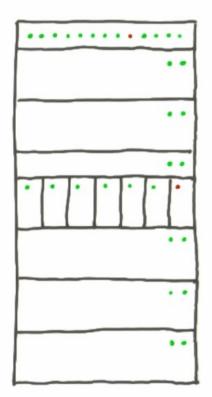




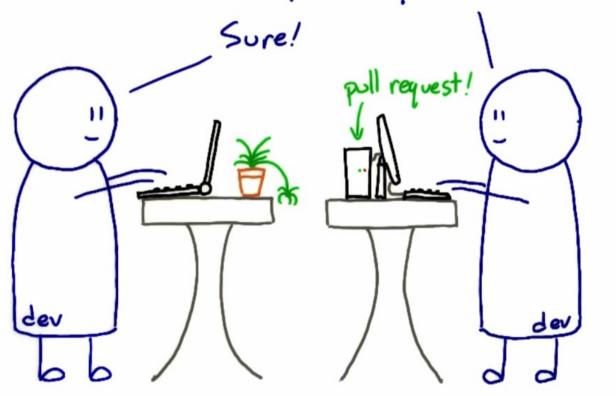


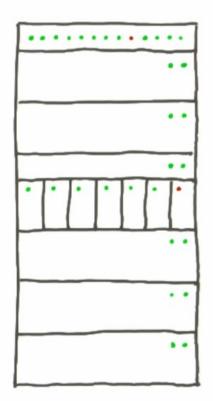
From Dev to Production Hey, could you review this?





From Deu to Production Hey, could you review this?

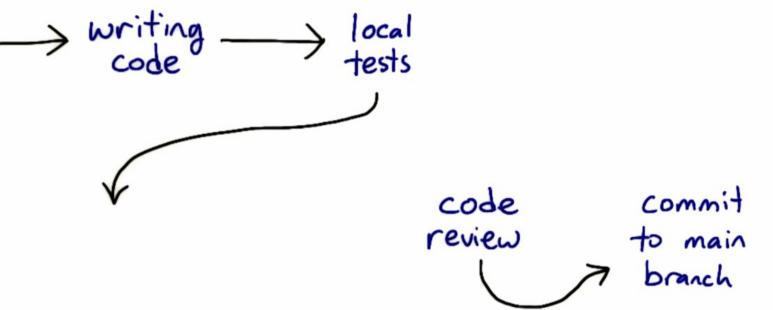




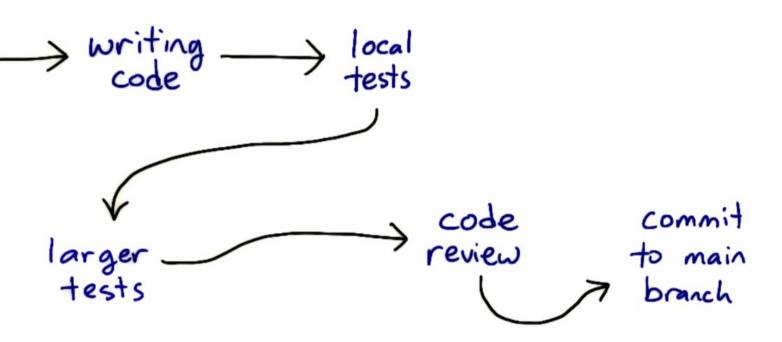
-> writing ---->

change is live in production

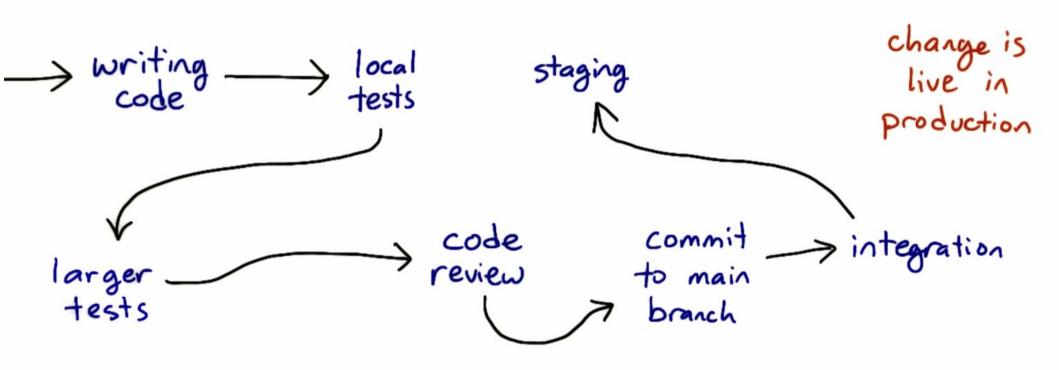
code commit review to main branch

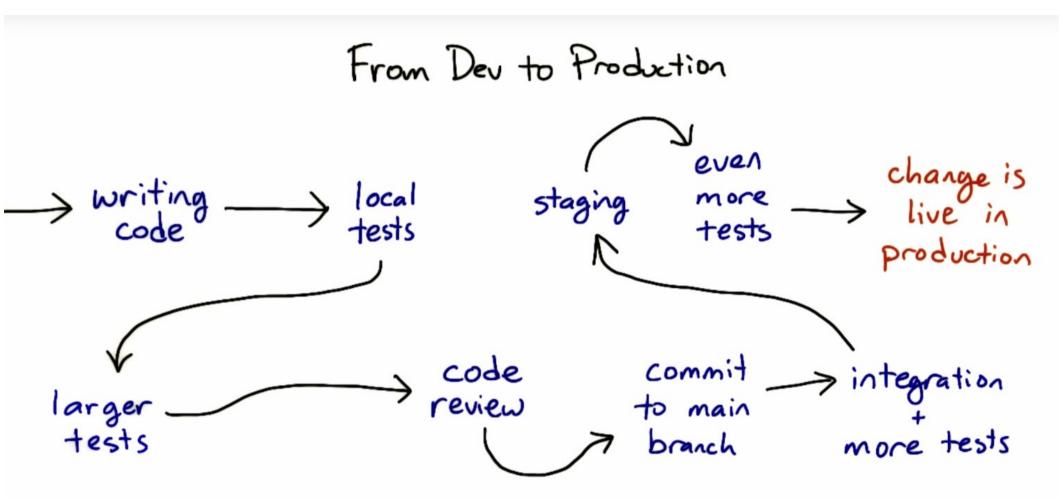


change is live in production



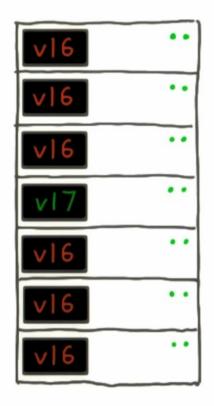
change is live in production

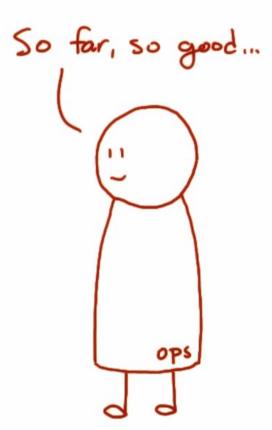




I started the v17 rollout... how's it look?

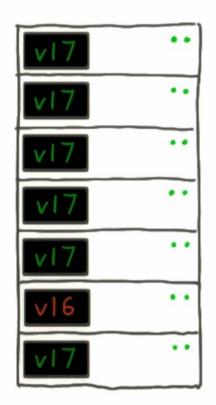






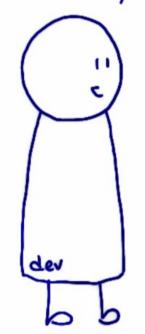
I started the v17 rollout...
how's it look?

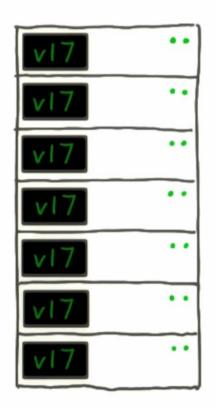






I started the v17 rollout... how's it look?







I started the v17 rollar...

how's it look?

V17

V17

That's four

major releases

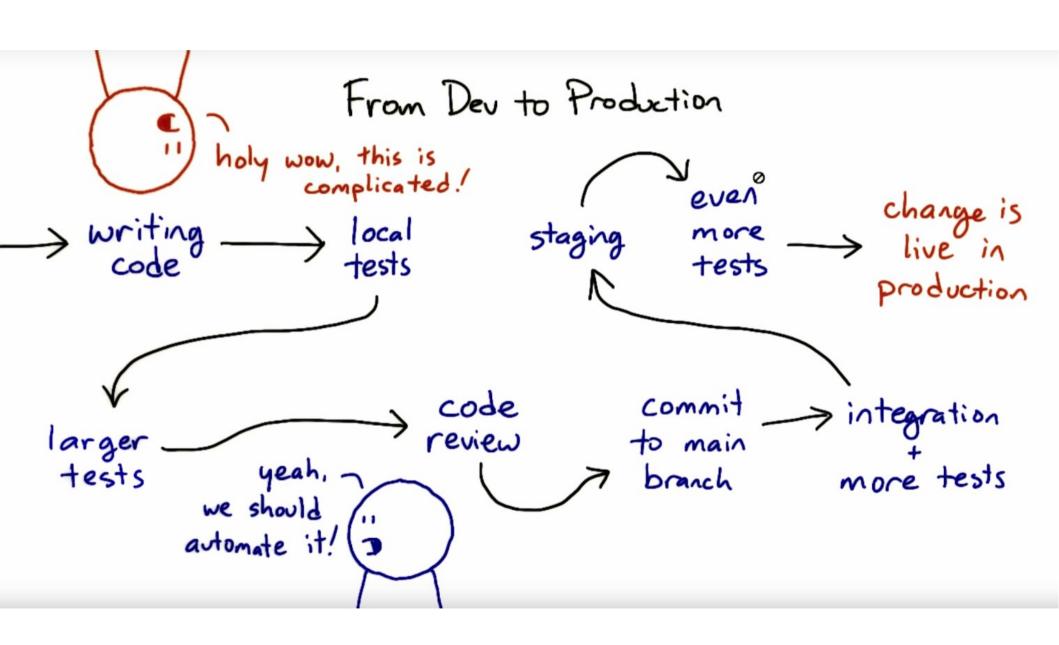
this month

with zero

rollbacks!

V17

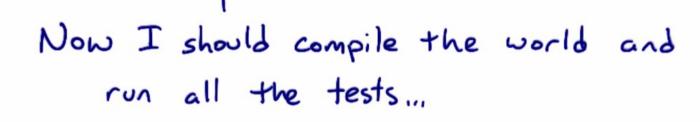
ops



Yay! I finished writing my change!



Yay! I finished writing my change!



Yay! I finished writing my change!

Now I should compile the world and run all the tests ...

That sounds boring ...

Yay! I finished writing my change!

Now I should compile the world and run all the tests...

That sounds boring ...

I want a program to build my program for me!



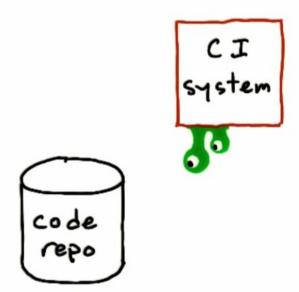


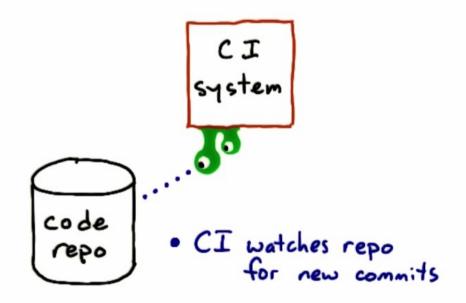


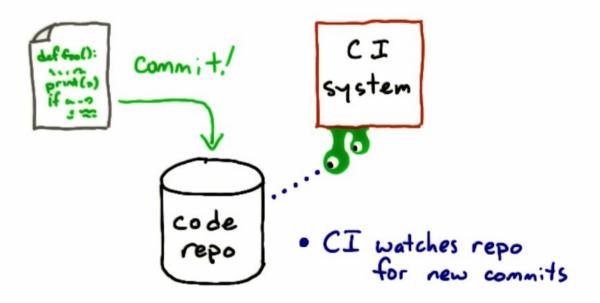


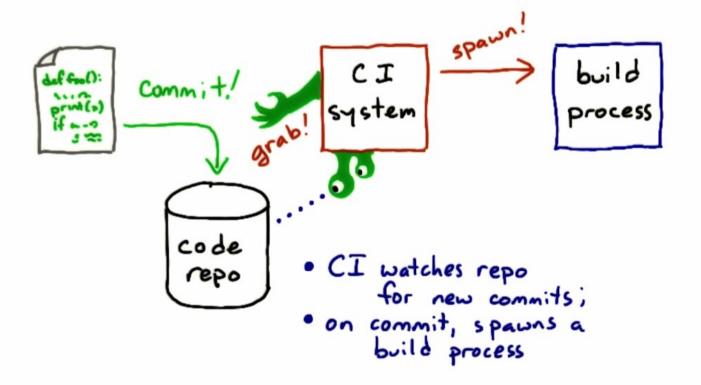


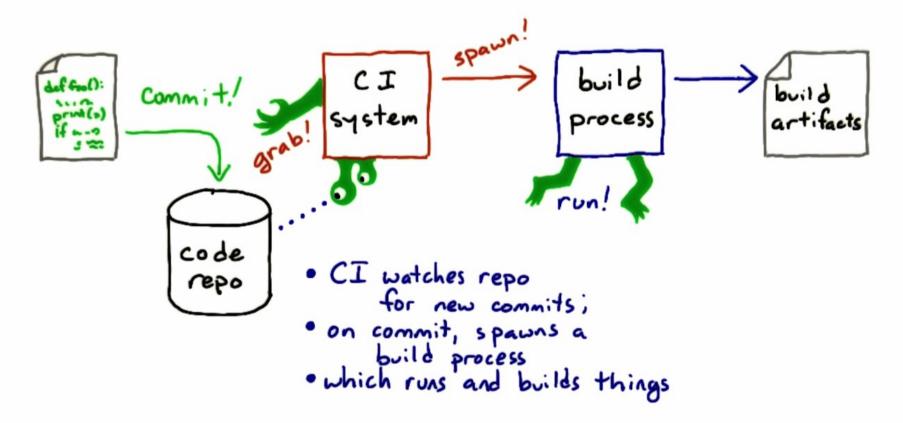
Circle CI

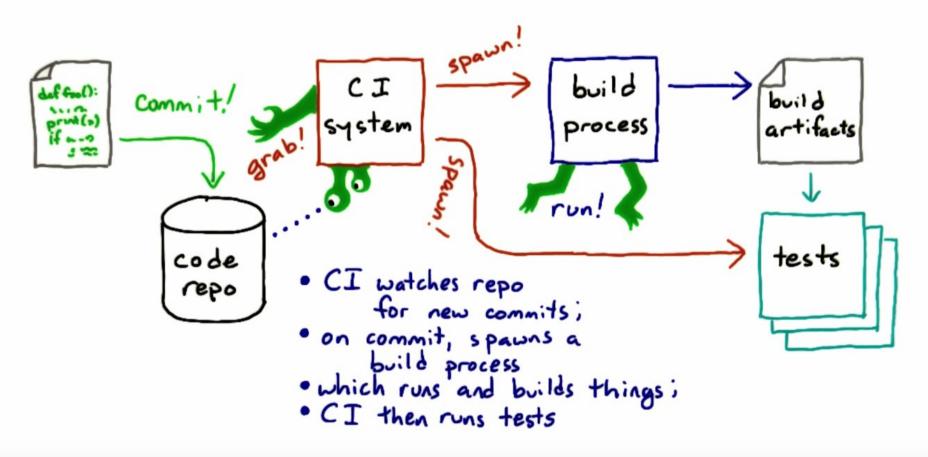


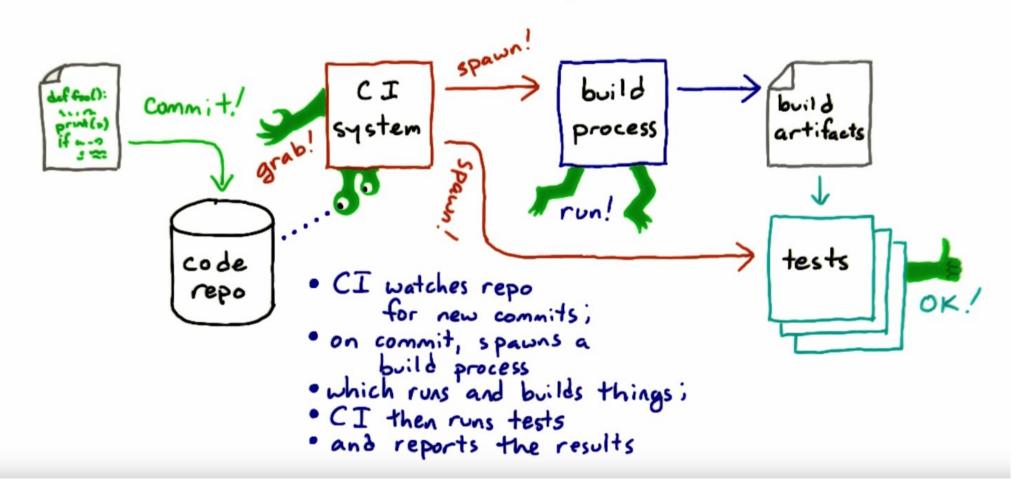


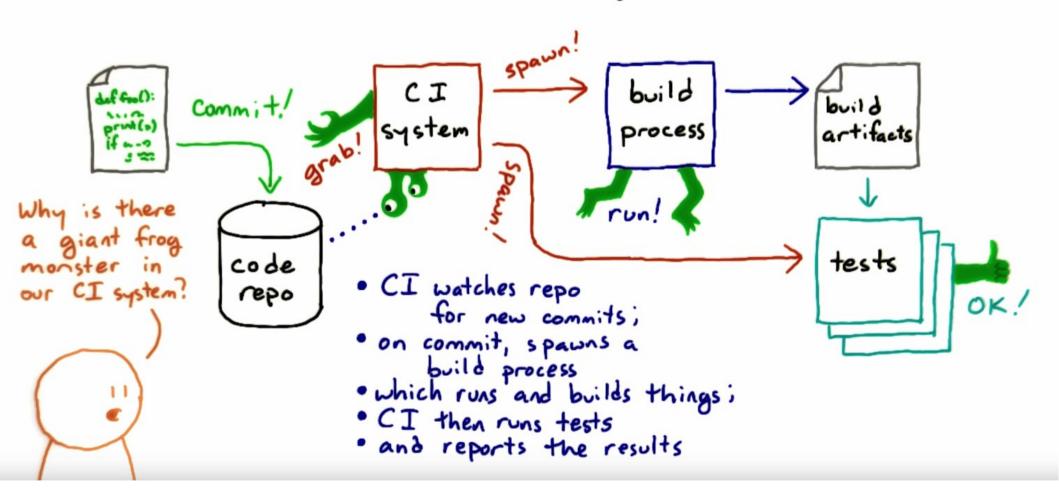


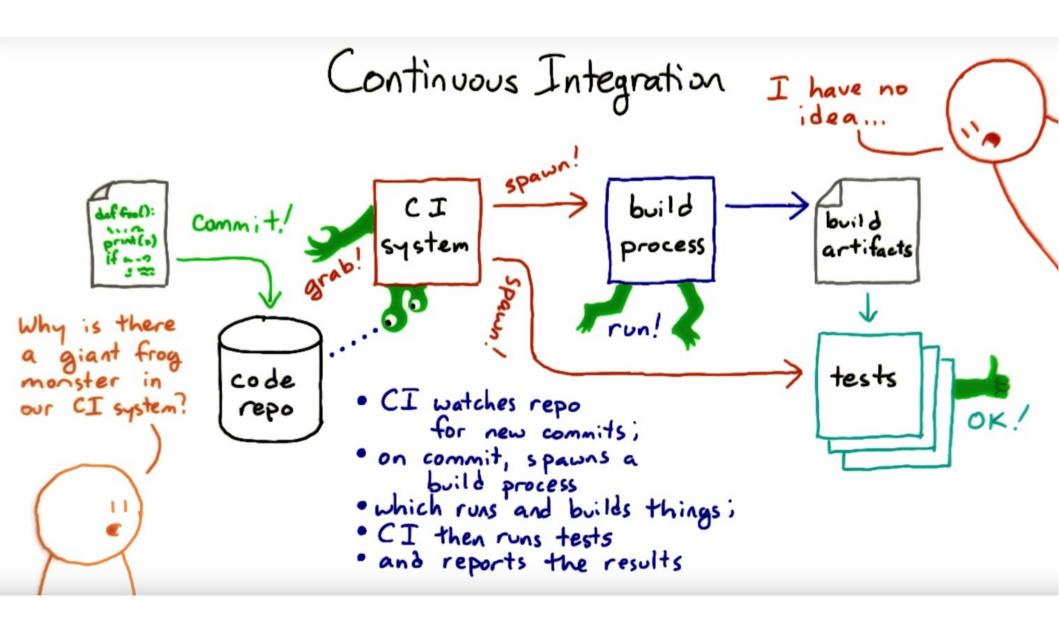


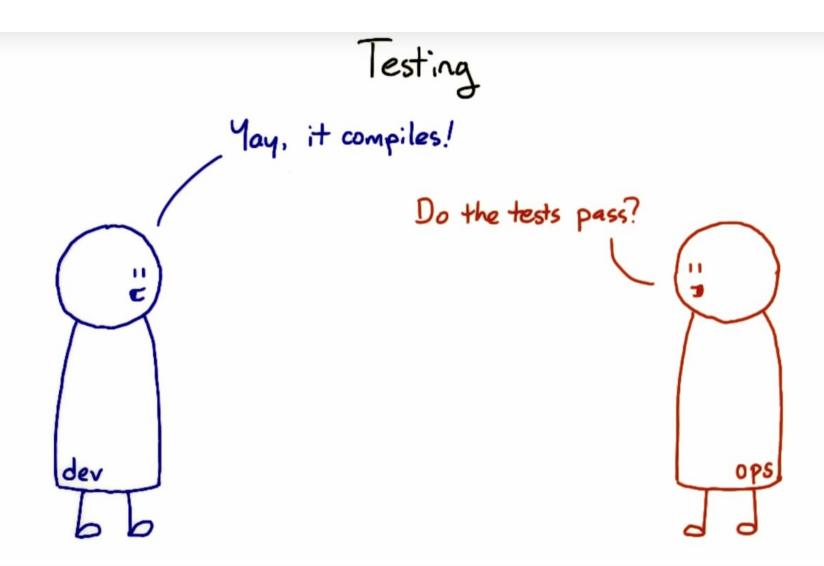


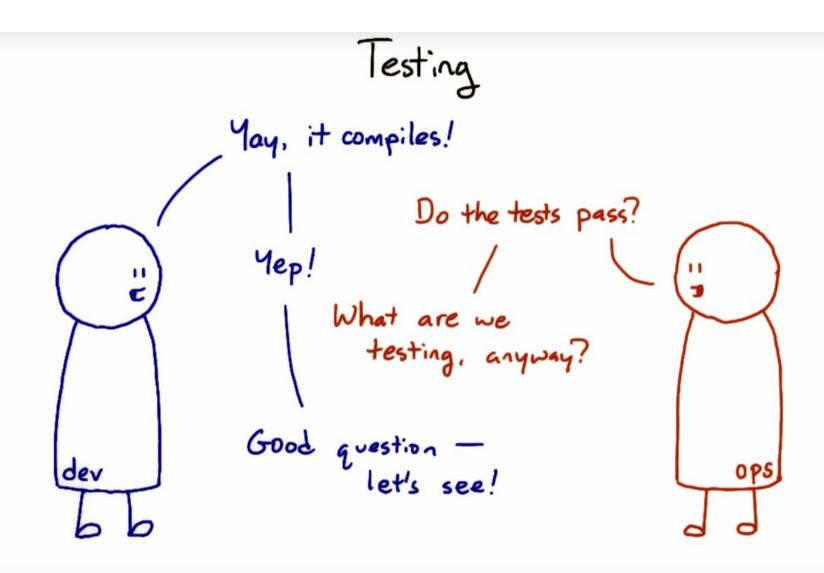












Unit testing

tests written alongside code, to test the behavior of individual units such as functions or classes.

Unit tests tell
me that my code
does what I mean!

dev

Unit testing Regression testing

tests written as part of debugging, which verify that a bug is fixed. Kept in the test suite to ensure the bug is not reintroduced.



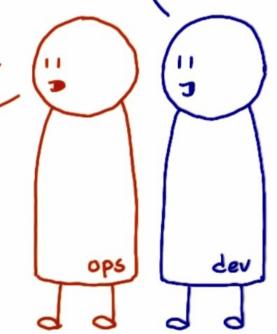


I call it a "build verification" test.

Smoke testing

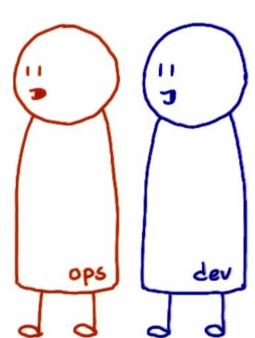
Preliminary test of a system just after build, to make sure it runs at all — for instance doesn't crash on boot.

Smoke tests save us a lot of time - by keeping broken builds out of the test pipeline.



Unit testing Regression testing Smoke testing System integration testing Tests of a whole system, including dependencies such as databases or APIs, under a test load

Infrastructure-as-code makes it really easy to do system integration tests - the test can spin up an instance dynamically.



Unit testing Regression testing Smoke testing System integration testing Automated acceptance testing Scripted tests that verify that user-facing features work as planned.

We can even automate things like checking apps or web pages for accessibility require ments!

Unit testing Regression testing Smoke testing System integration testing Automated acceptance testing Manual QA testing Approval process integrated with continuous deployment.

Before a launch goes out, we run it on the lest instances and II I check it over.

If it looks good,

I press the approval button.