

Introduction

Clean code book -> Robert uncle bob Martin.
Spock is behaviour driven framework.

Mocks -> test double (e.g. instead of using datasource we can provide its own implementation and get back expected responses.)

Spring mvc test-> great for testing requests as far as like http mapping, content type mapping, json object returning, etc. it is just like mocking framework for controllers.

Continuous integration -> all developers are committing to same code base and that code base is being watched by ci servers which are automated, which verified the code and also tests them out. If something breaks then everybody gets an email for it.

If you are a company and you are hosting your own software -> self hosting like Jenkins.

Continuous deployment -> we can setup our own commit window let say for 5 minutes. So if there is no commit for 5 minutes then it's gonna build the code. e.g. AWS codepipeline -> redeploys code (image in docker) using amazon ecs.