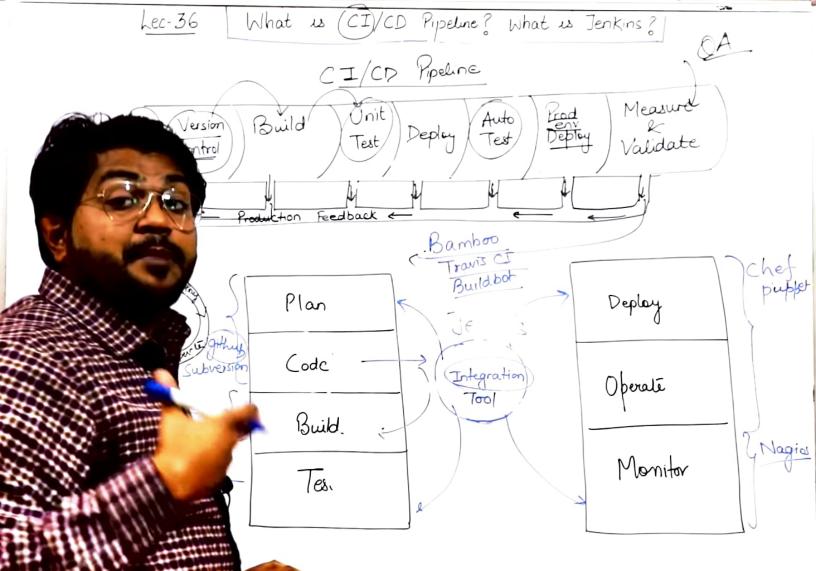
What is (CI)/CD Pipeline? What is Jenkins? Lec-36 Continuous Integration
Fetch charges hafficien Before Continuous Intigration Repositry Source (d notify/ success failure Repu Developer ontinuous Integration Continuous Build + Continuous Test

What is (CI)/CD Pipeline? What is Jenkins? Lec-36 After Continuous Integration Feth charges Honfrender Before Continuous Integration CI gener Source d megration notify success bailure Continuous Integration = Continuous Build + Continuous Testig

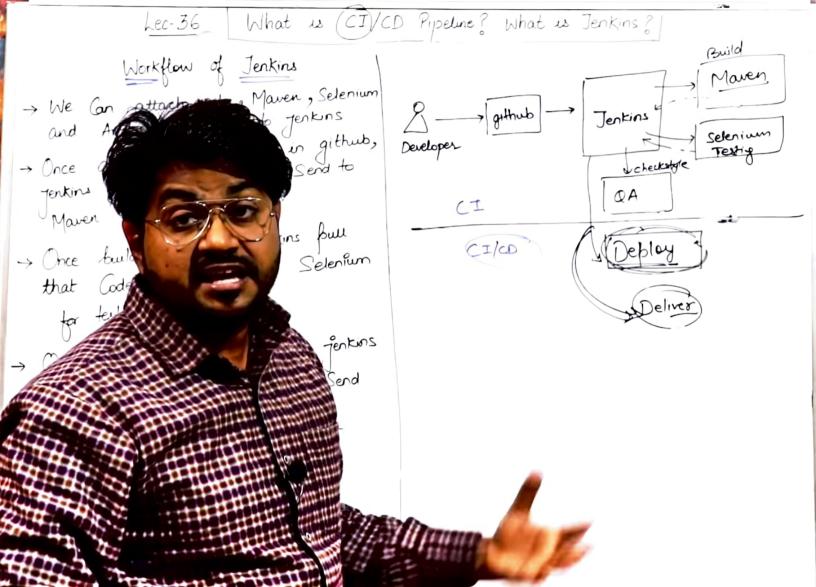
What is (CI)/CD Pipeline? What is Jenkins? Lec-36 CI/CD Pipeline Unit Auto Test Build Version Test/Deploy Validate Control uccess Plan Deploy Code Operate laven Build Seleniur Monitor Test Junit

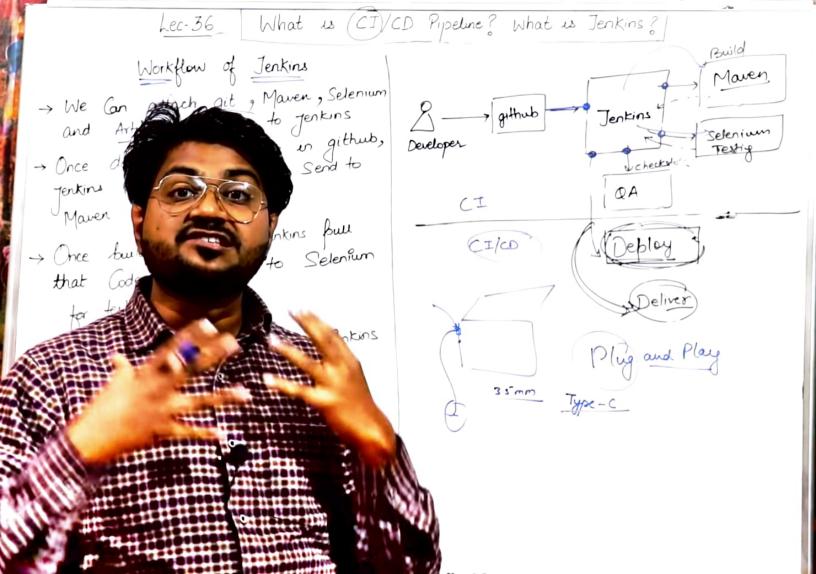


Lec-36 What is (CI)/CD Pipeline? What is Jenkins? - Whenever developers. Write Code, we Jenkins is an Open-Source project Written in integrate all that Code of all developers at the attended and we build, Java that runs on Windows, macos and Other Unix-like Operating Systems It is Community Supported and might This ieve this first choice tool for CI will be Jenkins automate the entire Software deve ectified foot development -ment life Cycle Jenkins was Originally developed by Sun.
Microsystem in 2004 under the name hudson → The project was later named Jenkins when Oracle bought Microsystems → It (an run on any major platform without any Compatibility issues

Lec-36 What us (CI)/CD Pipeline? What us Jenkins? - Whenever developers Write Code, we → Jenkins is an Open-abource project Written in integrate all that Code of all developers at that point, of time and we build, Java that runs on Windows, macOS and test and deliver/Deploy to the Client
This process Other Unix-like Operating Systems It is free, Community Supported and might be your first Choice tool for (CI) → Jenkins Jenkins automate the entire Software develop--ment life Cycle → Becouse reported So the Tenkins was Originally developed by Sun Microsystem in 2004 under the name happens (hudson K Jenkins) Enter → The project was later named Jenkins when Oracle bought Microsystems → It Can run on any major platform without any Compatibility issues

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Lec-36 What is (CI)/CD Pipeline? What is Jenkins? Build Workflow of Jenkins Moven. -> We Can attach git, Maven, Selenium and Artifactory plugins to Jenkins Jenkins 4 → Once developers buts Code in github, Jenkins bull that Code & Send to Developer checked Maver for Build -> Once build is done, jenkins bull that Gode and Send to Selenium -> Once testing is done, then jenkins will pull that Code and Send to artifactory as per requirement and so on -> We Can also deploy with Jenkins

Lec-36. What is (CI)/CD Pipeline? What is Jenkins? Advantages of Jenkins → It has lots of plug-ins available → You Can Write your youn plug-in → You Can use Community Plug-in → Jenkins is not just a tool. It is a framework ie You (an do whatever you want. All you need is plug-ins. → We Can attach Slaves (nodes) to Jen master It instruct others (slaves) to do > Delivery Job 9/ Slaves are not available, Jenkins itself does the Job → Jenkins also behave as Gone Server Keplacement ie Can do Scheduled task → It Can Create Labels.

