

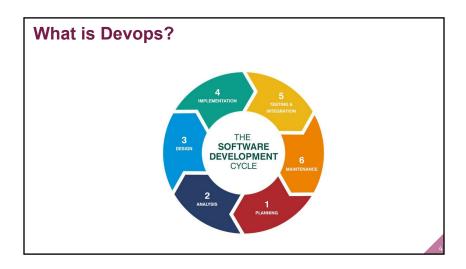
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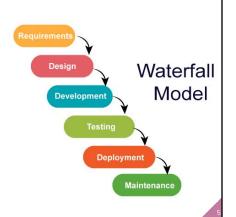
1 DevOps Basics

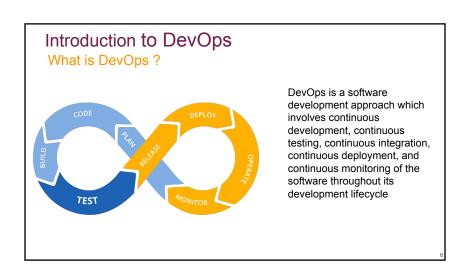
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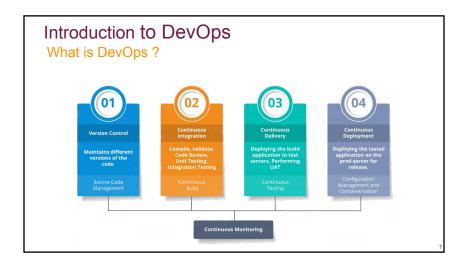


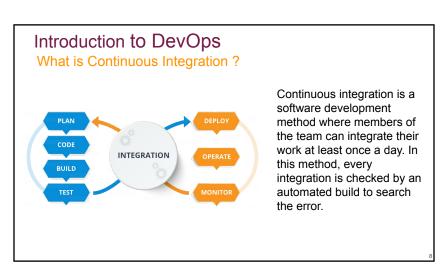
What is Devops?

- Each phase completely wrapping up before the next phase begins
- If parameters change along the way, it's harder to change course

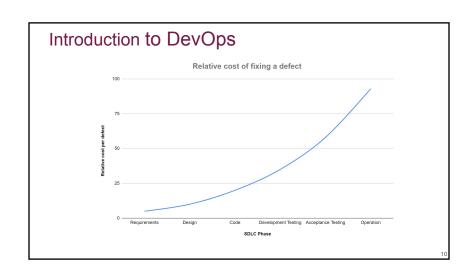


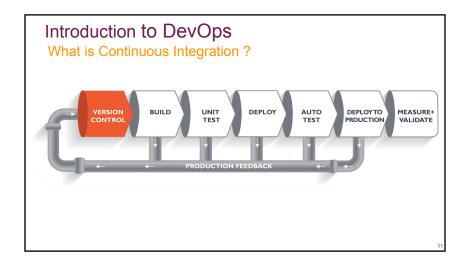


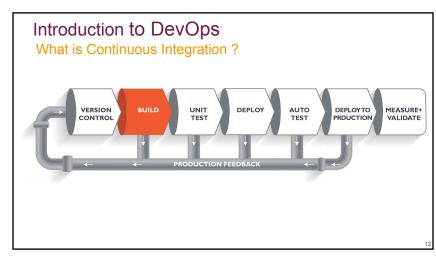


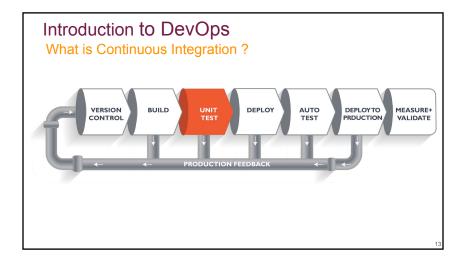


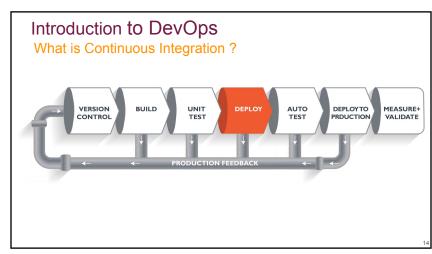
ntroduction to DevOps With CI vs Without CI	
Development without CI	Development with CI
Lots of Bugs	Fewer bugs
Infrequent and slow releases	Regular working releases
Difficult integration	Easy and Effective Integration
Late bug finding(days,weeks)	Early bug finding(minutes,hours)
Issue raised are harder to fix	Find and fix problems faster and more efficiently.
Poor project visibility	Better project visibility

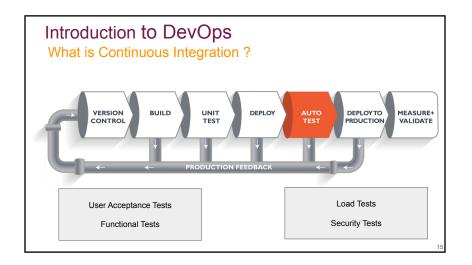


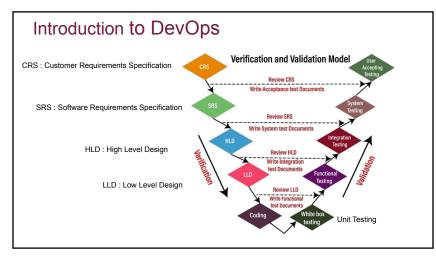












Introduction to DevOps

Non-Functional Testing Functional Testing

Performance Testing Unit Testing Stress Testing Integration Testing Load Testing Smoke Testing Volume Testing Sanity Testing Reliability Testing API Testing

Usability Testing Regression Testing Security/Vulnerability Testing Acceptance Testing

Recovery Testing **Exploratory Testing**

> Compliance Testing Compatibility Testing Install/Uninstall Testing

Localization/Globalization Testing

Introduction to DevOps

Black-box Test Techniques

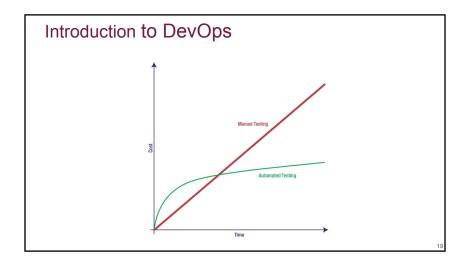
- Equivalence Partitioning
- Boundary Value Analysis
- Decision Table Testing
- State Transition Testing Use Case Testing

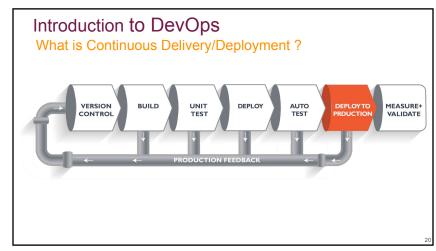
White-box Test Techniques

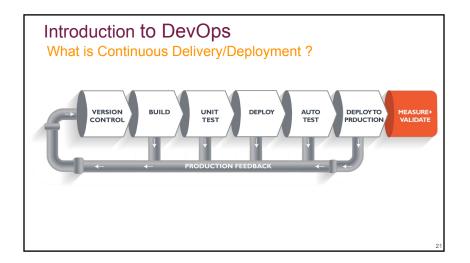
- Statement coverage
- Branch Coverage
- Path Coverage

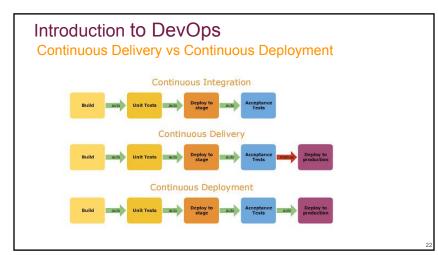
Experience-based Test Techniques

- Error Guessing
- Exploratory Testing
- Checklist-based Testing



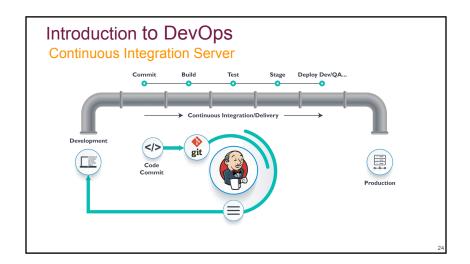


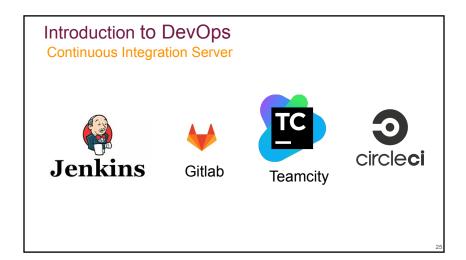


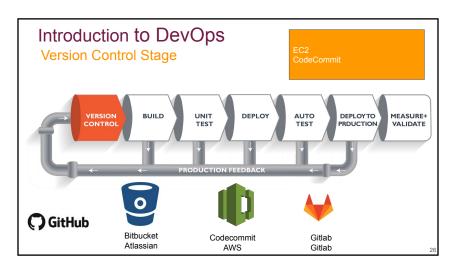


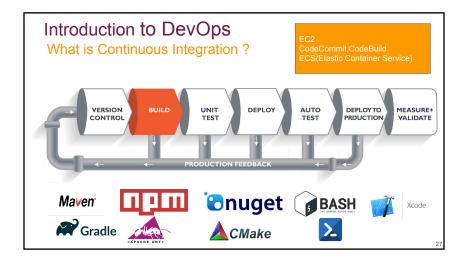
2 DevOps Tools

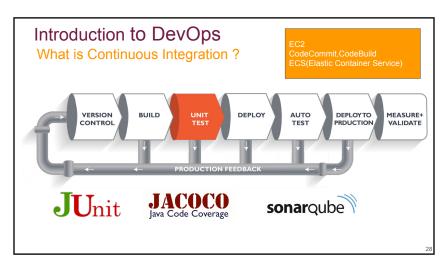
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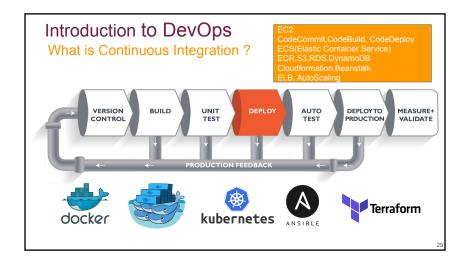


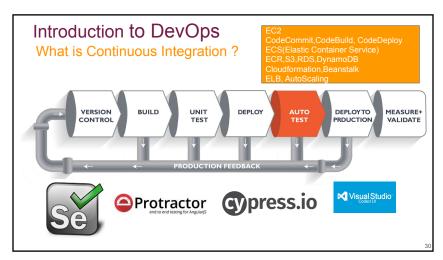


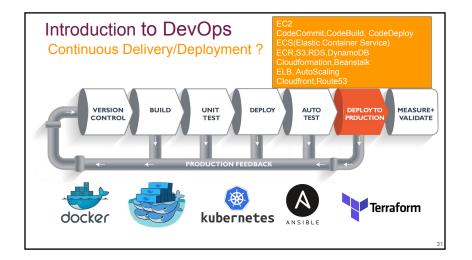


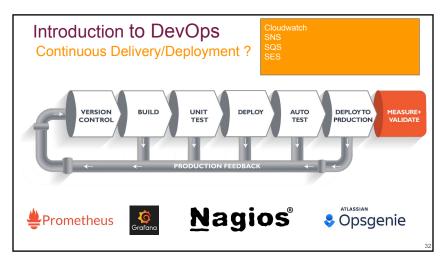












3 DevOps Setup

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