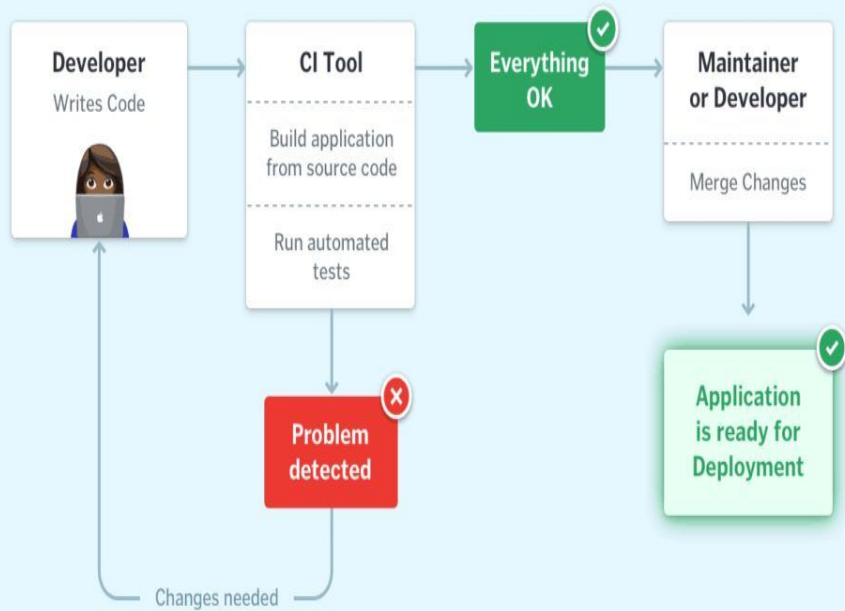# Future is now

Introduction to CI/CD
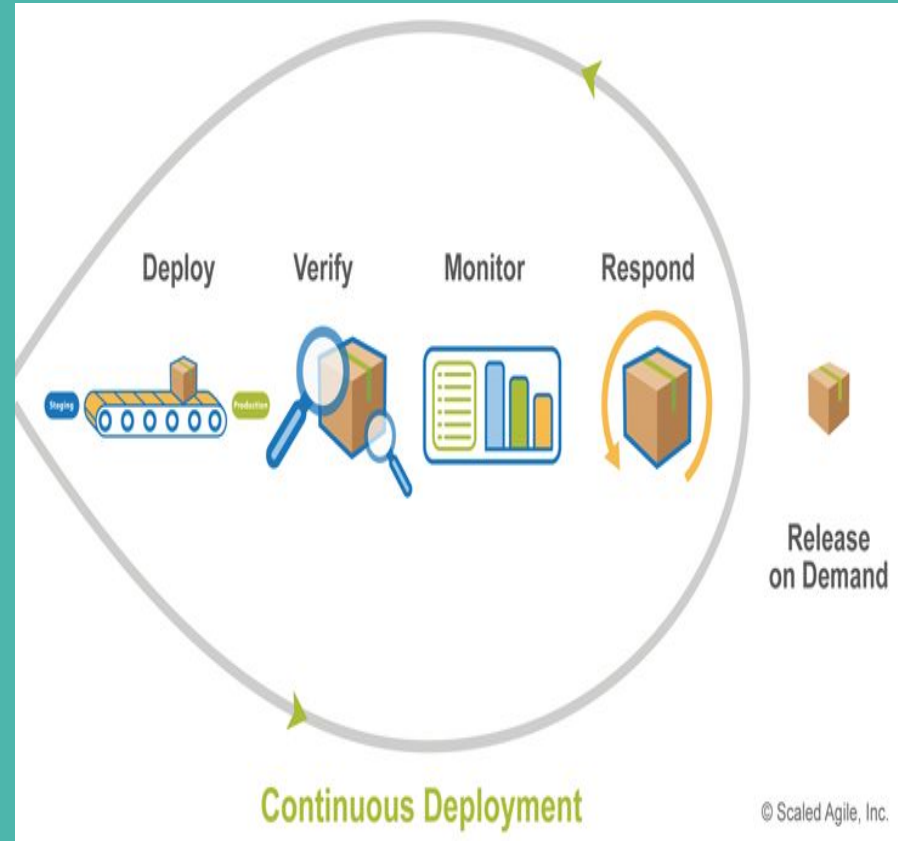
Continuous Integration

Continuous Integration Workflow — semaphore

- One project, many developers,
  so what about automating their code changes continuously?
- CI is all about the source code

Continuous Deployment

- From the shelf to the users thus making revenue.

- It is all about built code and deployment to production.

Continuous Deployment

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Business Benefits of CI/CD

Efficient Software Delivery

Improved Team Productivity

Identify and Fix Bugs Quicker

Reduced Costs

Improved MTTR

Greater Collaboration

Deliver Updates Faster

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transcend

Value for stake-holders

- Catch Compile Errors After Merge
- Catch Unit Test Failures
- Deploy to production without manual checks
- Automated Rollback Triggered by Job Failure

1. Reducing Costs $
2. Avoiding cost
3. Increase Revenue(Less time to market)
4. Protecting Revenue as UNDO occurs to working state