

What? Why?

DevOps is the union of people, process, and products to enable continuous delivery of value to our end users.

Donovan Brown, Microsoft



Continuous Integration

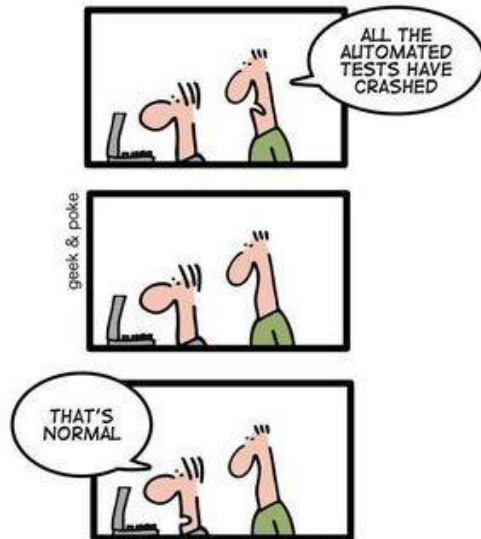
PROCESS

- **Independent automated build process**
- **Static source code analysis**
- **Automated tests run**
- **Artifacts publication**

BENEFITS

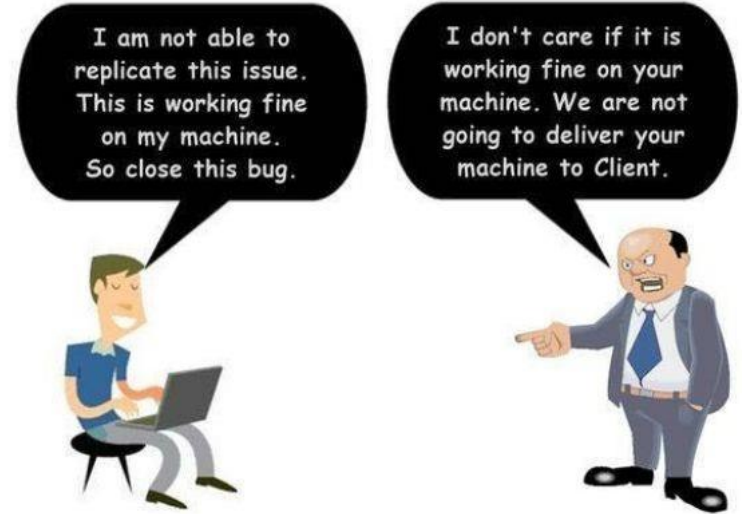
- **Each code change validation**
- **Defects detection as early as possible**
- **Increased code stability**
- **Code state transparency**

*TODAY: CONTINUOUS INTEGRATION
GIVES YOU THE COMFORTING
FEELING TO KNOW THAT
EVERYTHING IS NORMAL*



Continuous Delivery

- **Independent automated deployment process**
- **Deploying the same artifact to different environments**
- **Single codebase for different environments**
- **Ease of deployment**
- **Faster time to market**
- **Low risk releases**
- **Low cost**
- **Happy team :)**



Continuous Deployment

CONTINUOUS DELIVERY



CONTINUOUS DEPLOYMENT



Azure DevOps

SBIA FinSight App

Overview

Pipelines

Pipelines

Environments

Releases

Library

Task groups

Deployment groups










Pipelines

Recent All Runs

New pipeline

Filter pipelines

Recently run pipelines

Pipeline	Last run
 FS2 API CI	#20191125.1 • Update ci.yml for Azure Pipelines Manually triggered azure-pipelines-testing 40m ago 2m 32s
 API CI	#20191125.1 • Update ci.yml for Azure Pipelines Manually triggered azure-pipelines-testing 56m ago 3m 25s
 FS2 API CI	#development-20191114.4 • Merge pull request #3 from softbankdev/new-db-schema-name Manually triggered development Nov 14 4m 31s
 FS2 DevOps CI	#development-20191114.1 • Merge pull request #1 from softbankdev/feature/temp_env Individual CI development Nov 14 18s
 FS2 Web App CI	#development-20191114.1 • Merge pull request #4 from softbankdev/bugfix/sof-1165/ic-autocomplete-search Manually triggered development Nov 14 4m 35s
 iOS CI	#20191113.2 • Merge pull request: #14 from softbankdev/development Individual CI master Nov 13 1m 21s
 Web App CI	#development-20191107.1 • Merge pull request #35 from softbankdev/bugfix/sof-1165/ic-autocomplete Individual CI development Nov 7 4m 24s
 API CI	#development-20191101.1 • Unit tests (#3) Individual CI development Nov 1 4m 35s
 DevOps CI	#development-20191023.1 • Merge branch 'feature/SOF_95' into 'development' Manually triggered development Oct 23 16s