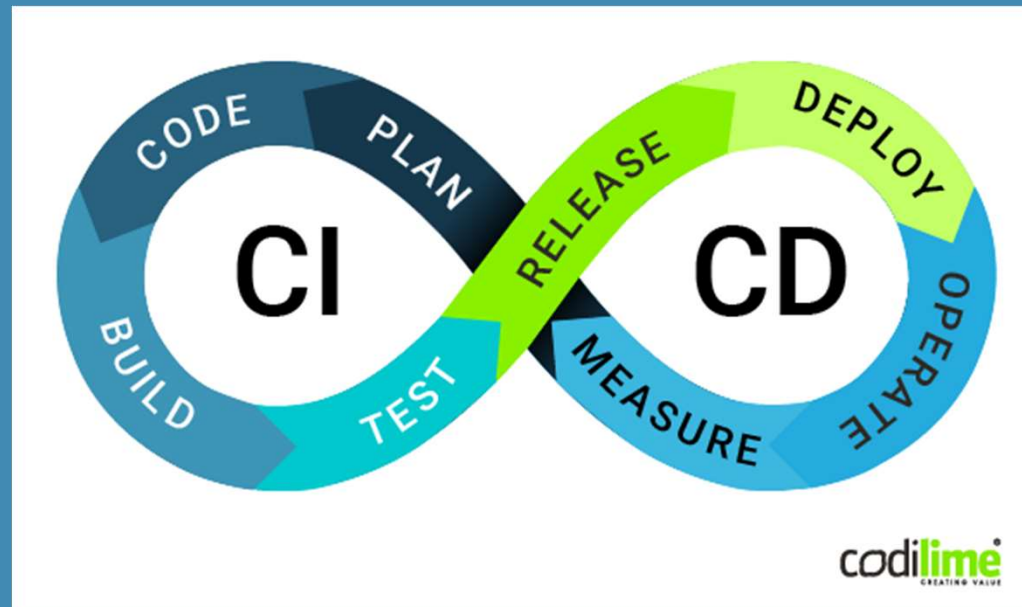


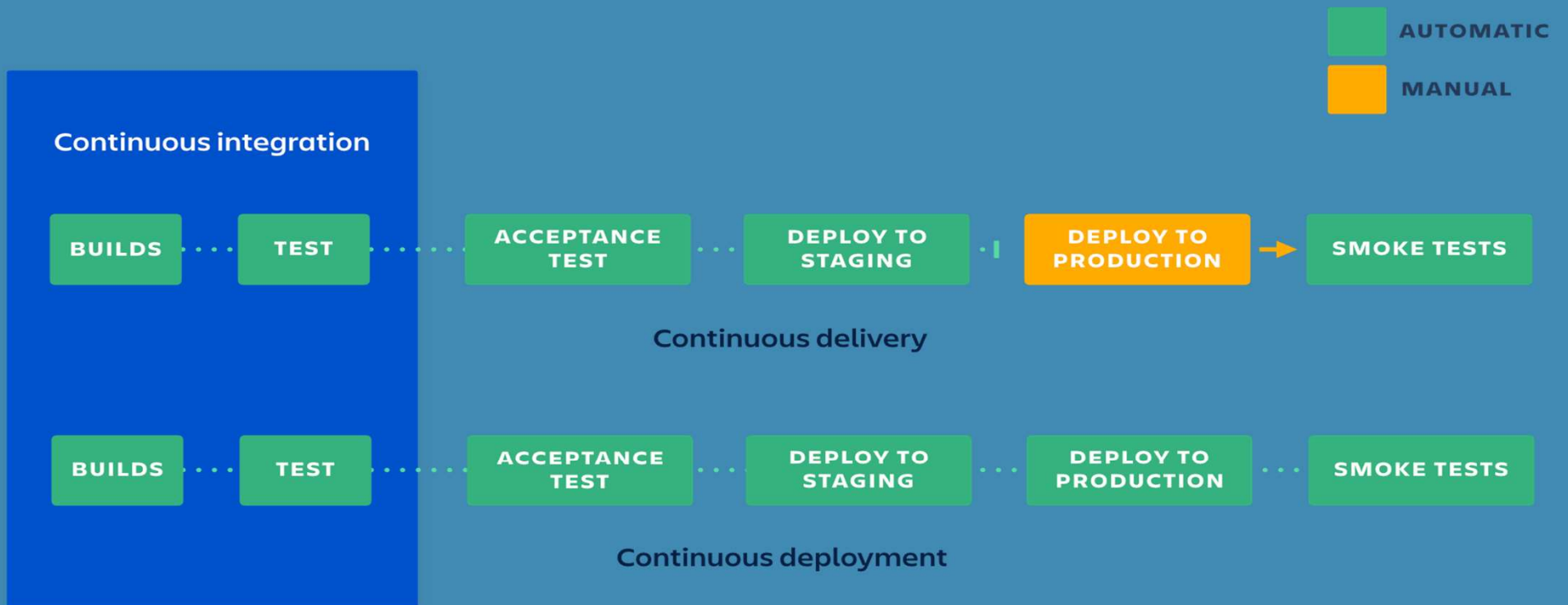
# UDAPEOPLE

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**Continuous Integration (CI)**  
**Continuous Delivery/Deployment (CD)**

# CICD



# Continuous Integration (CI)

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- Consistent, automated process of building, packaging, and testing new software
- Developers commit code changes (whether corrective or innovative) into a shared repository
- Generally small updates, making them easy to track
- Each new integration triggers an automatic build-and-test sequence
- Automatic builds allow the developers to avoid merge conflicts, bugs, and duplicate efforts

# Continuous Delivery/Deployment (CD)

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## Continuous Delivery

- Extension of continuous integration step
- Automatically deploys all code changes to a testing and/or production environment after the build stage

## Continuous Deployment

- One step further than continuous delivery
- Every change that passes all stages of your production pipeline is released to your customers
- Excellent way to accelerate the feedback loop with your customers

# Benefit of CI/CD

## Benefits of CI/CD

- FAST AND RELIABLE RELEASES
- BETTER VISIBILITY ACROSS DEVELOPMENT PROCESSES
- EARLY BUG DETECTION
- QUICK FEEDBACK LOOPS
- HAPPIER AND MORE PRODUCTIVE TEAMS

