



CICD Benefits

Continuous
Integration and
Continuous
Deployment

Building a
Continuous
Integration
Pipeline

Enabling
Continuous Delivery
with Deployment
Pipelines

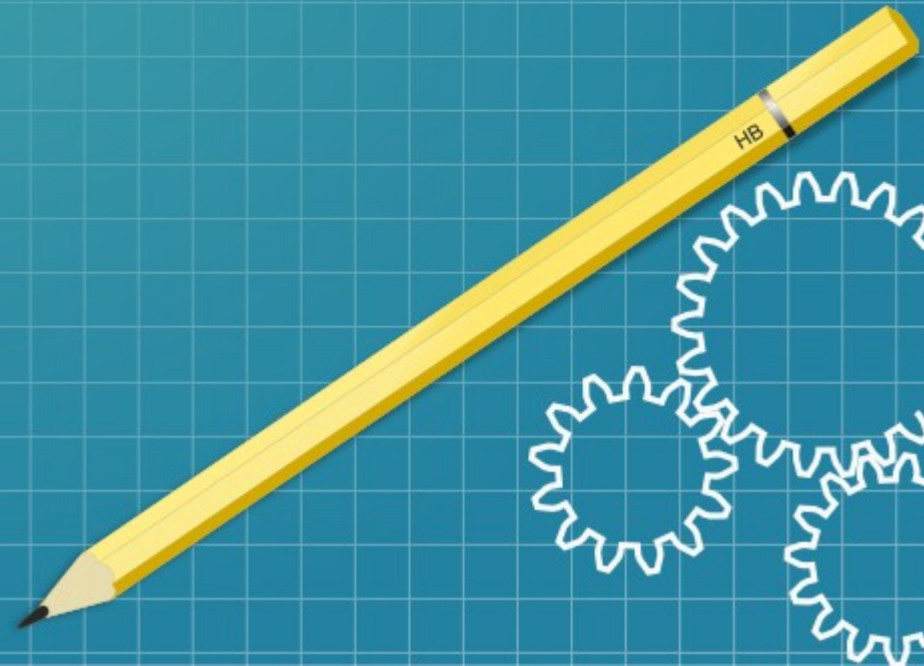
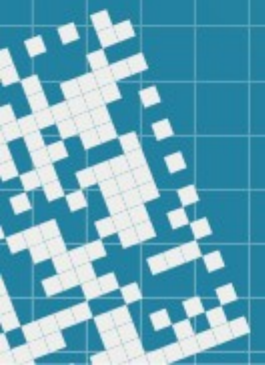
Monitoring
Environments

Agenda

- CI/CD concept
- Benefits of CI/CD
- Migration and Challenges



CI/CD Concept



Continuous Integration

A yellow pencil with a black eraser and a pink eraser are positioned in the top right corner of the slide.

- The practice of merging all developers' working copies to a shared mainline several times a day. And make Everything related to the code fits here, and it all culminates in the ultimate goal of CI: a high quality, deployable artifact!

Continuous Delivery

A yellow pencil and a pink eraser are positioned in the top right corner of the slide, appearing as if they are on a piece of paper.

- In addition to Continuous Integration, Continuous Delivery makes sure that changes of a software product
- can be released quickly to customers in an automated way and at any point in time.

Continuous Deployment

A yellow pencil and a pink eraser are positioned in the top right corner of the slide, appearing to be part of the presentation's design.

- A software engineering approach in which the value is delivered frequently through automated deployments. Everything related to deploying the artifact fits here. It's the process of "Moving" the artifact from the shelf to the spotlight.

CIC Benefits



- Accelerate customer feedback
- Rollback strategies
- Automate infrastructure
- Less cost
- Less time market