

Fundamentals & Benefits of CI/CD

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CI/CD



- Continuous Delivery: software engineering teams produce software in short cycles.
- Continuous Integration: practice of merging software developers work frequently.
- Continuous Deployment: software engineering approach in which frequent automated deployments.

Benefits of CI/CD

- Quicker Release: releasing new features with CI/CD is faster.
- Continuous Testing: it allows developers to test code as they put them out, enabling them to discover bugs quickly and apply necessary changes.
- Maximum Automation: CI/CD allows for automation of the deployment process therefore reducing the risk of human errors.
- Easy rollbacks: with CI/CD, you are able to rollback changes quickly. If a change in code breaks the application, you can easily return the application to its previous state.