DevOps - Modern Software Development

Oliver Zott

2024-05-08

Table of Contents

Survey

Introduction to DevOps

 Scrum / Colaboration Tools (Github Project, Azure DevOps, Jira, Trello, etc.)

- Scrum / colaboration tools (Github Project, Azure DevOps, Jira, Trello, etc.)
- ► Git / PullRequest / Code Review

- Scrum / colaboration tools (Github Project, Azure DevOps, Jira, Trello, ...)
- ► Git / PullRequest / Code Review
- Linting/Analyze-Tools (Ruff, SonarQube, ...)

- Scrum / colaboration tools (Github Project, Azure DevOps, Jira, Trello, etc.)
- ► Git / PullRequest / Code Review
- Linting/Analyze-Tools (Ruff, SonarQube, ...)
- ► Testing (pipeline, pre-commit hooks, QA, ...)

- Scrum / colaboration tools (Github Project, Azure DevOps, Jira, Trello, etc.)
- ► Git / PullRequest / Code Review
- Linting/Analyze-Tools (Ruff, SonarQube, ...)
- ► Testing (pipeline, pre-commit hooks, QA, ...)
- ► CI / CD pipelines

DevOps

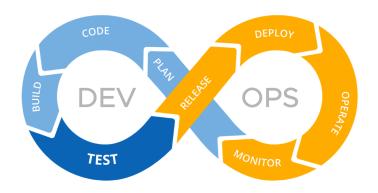


Figure: DevOps Lifecycle (http://blogs.vmware.com/management/files/2020/03/2020-03-02_14-18-57.png 2024-05-02)

DevOps



Figure: DevOps Lifecycle (http://blogs.vmware.com/management/files/2020/03/2020-03-02_14-18-57.png 2024-05-02)

- ► Plan/Collaborate
- Codeing
- ► CI/CD
- Opeate and Monitor (Containerization)

