Activity →

Stage ↓

Trunk-based Development

Commit changes	Run pre-commit hook	Push commit	Schedule non-deployment workflow	Code review	Integrate changes	Schedule non-deployment workflow	Tag merge commit	Tag release artefact	Schedule deployment workflow

On-commit Workflow

Checkout commit	Test (static analysis)	Test (unit)	Build artefact	Tag release candidate artefact	Prepare data	Test (integration)	Test (contract)	Test (fitness function)	Publish artefact

On-demand / Nightly Workflow

Checkout commit	Download corresponding artefact	Provision infrastructure	Deploy application	Prepare data	Test (smoke)	Test (end-to-end)	Test (performance)	Test (security)	Test (fitness function)

Clean-up Workflow

Checkout master	Clean up environments	Clean up backups	Clean up artefacts

Deployment Workflow (Rollout)

Checkout latest release tag	Download corresponding artefact	Backup data	Provision infrastructure	Deploy application	Update data	Test (smoke)

Deployment Workflow (Rollback)

Checkout previous release tag	Download corresponding artefact	Provision infrastructure	Deploy application	Revert data	Test (smoke)

Continuous Integration Diagram

Last modified: 2020/05/03 08:35:57