Activity →

Stage ↓

Trunk-based Development Workflow

| Commit changes | Run pre-commit hook | Push commit | Schedule on-commit workflow | Code review | Integrate changes | Schedule on-commit workflow | Tag commit as release candidate | Tag commit as environment deployment | Schedule deployment workflow |

On-commit Workflow

| Checkout commit | Static analysis test | Unit test | Build artefact | Tag artefact as default build | Prepare data | Integration test | Contract test | Fitness function test | Publish artefact | Tag artefact as release candidate | Tag artefact as environment deployment |

On-demand / Nightly Workflow

| Checkout commit | Download corresponding artefact | Provision infrastructure | Deploy application | Prepare data | Smoke test | End-to-end test | Performance test | Security test | Fitness function test |

Clean-up / Time-triggered Workflow

| Checkout environment deployment tag | Clean up environment | Clean up backups | Clean up artefacts |

Deployment Workflow (Rollout)

| Checkout environment deployment tag | Download corresponding artefact | Backup data | Provision infrastructure | Deploy application | Update datastore | Smoke test |

Deployment Workflow (Rollback)

| Checkout previous tag | Download corresponding artefact | Provision infrastructure | Deploy application | Update datastore | Smoke test |

Continuous Integration Diagram

Last modified: 2020/08/04 20:47:43