Continuous Integration/Deployment

Automated test/build

GitHub

Trigger job →

Travis CI Build Server

- Lint
- Run tests
- Build API and webapp
- Package into Docker images

Push images →

Docker Hub

Cloud

- -

On-premises

Push version tags

Pull new images

Developer Machine

- Land new features in deployment branch
- Tag new version in Git

Manual versioning

Deployment Server

- Run/host app with docker compose
- Watch for new versions of images on Docker Hub
- Hotswap old containers for new ones as necessary

Automated deploy/update