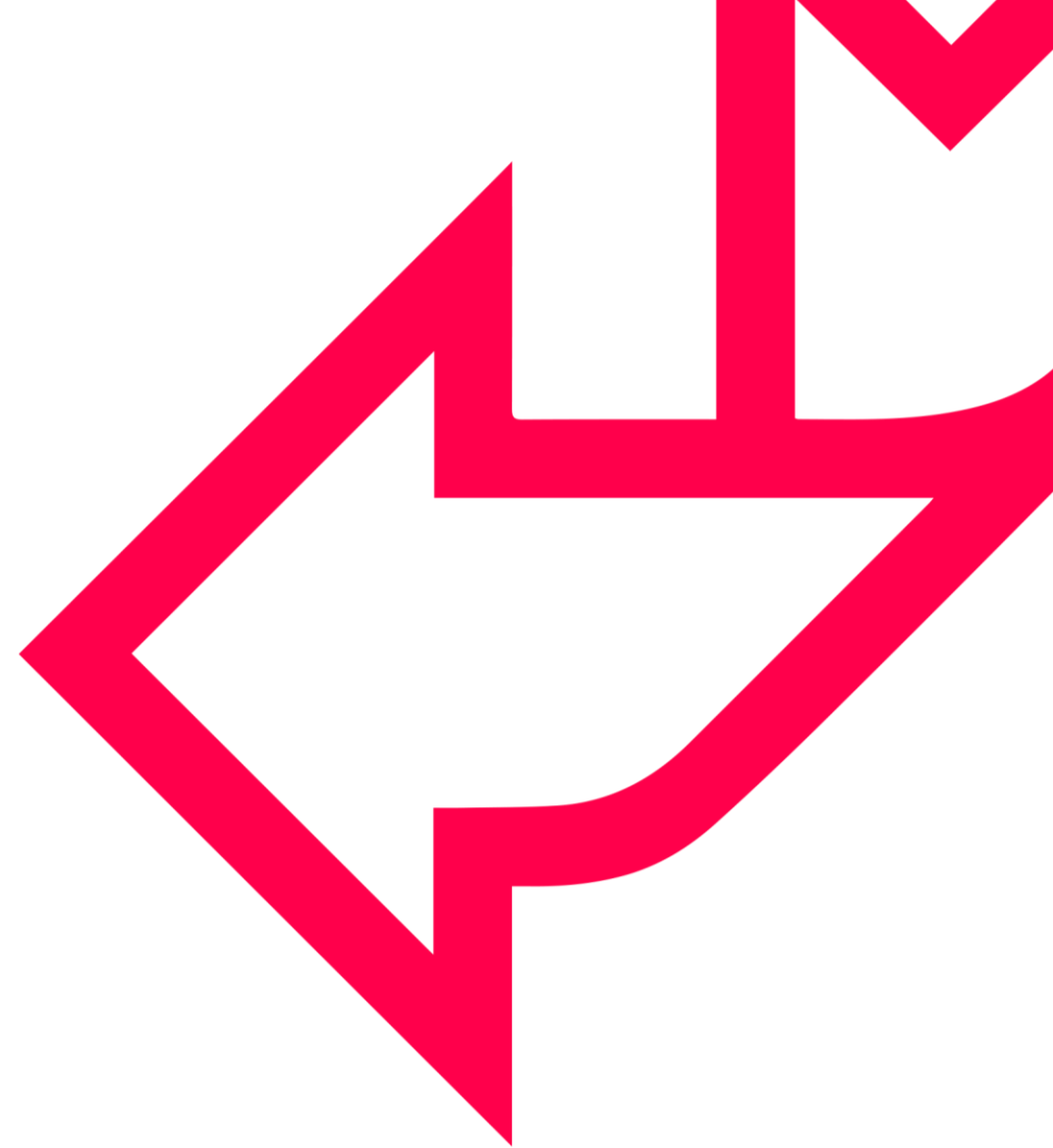# CD in the Enterprise

CONTINUOUS DELIVERY/ DEPLOYMENT
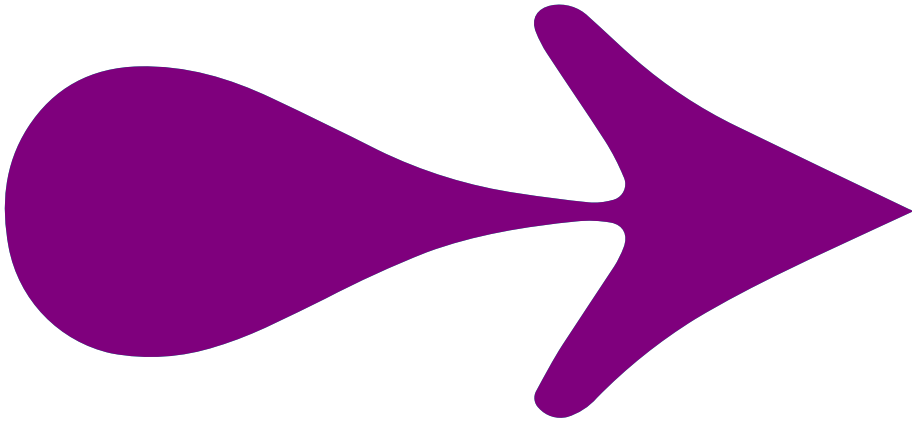
- **Continuous Delivery**

  → Automated push to staging environments

  → Just requires human approval before full deployment

- **Continuous Deplyment**

  → Deployment from development to live environment is fully automated
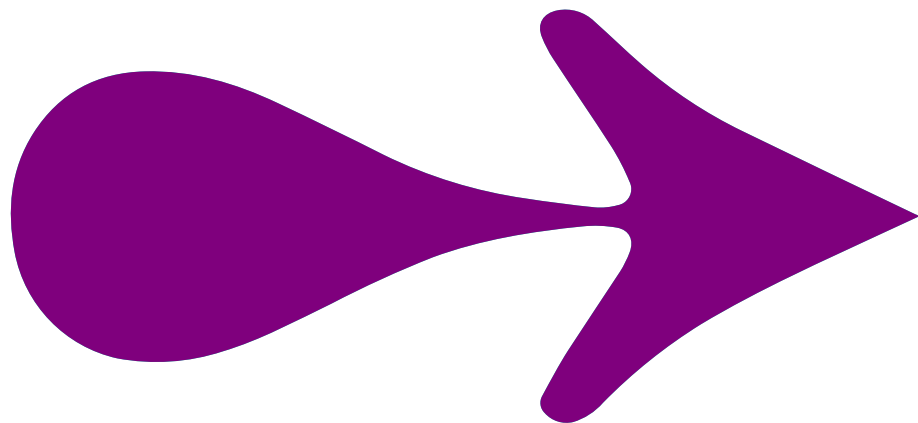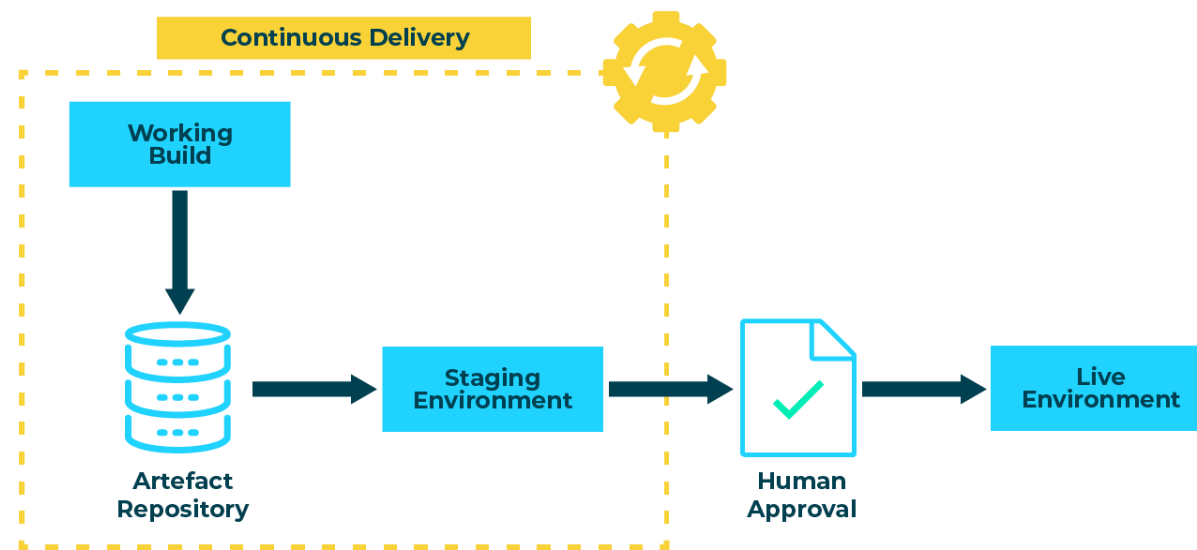
  → New human approval necessary

Continuous Delivery

- While CI integrates code regularly, continuous delivery also delivers that code regularly

- Automated process in place such that new releases only require approval via a click of a button to go live

- Encourages organisations to deploy their applications as early as possible in smaller batches

QA

Continuous Delivery

Continuous Delivery

Working Build

Artefact Repository

Staging Environment

Human Approval

Live Environment

Continuous Deployment

- Further extends the continuous delivery practice such that feature releases are entirely automated

- No human interaction for new application features to end up in the customer's hands

- Benefit of eliminating the idea of a "release date" – developers can focus on creating new ideas without time constraints

Continuous Deployment

QA

Continuous Deployment

Working Build

Artefact Repository

Staging Environment

Live Environment