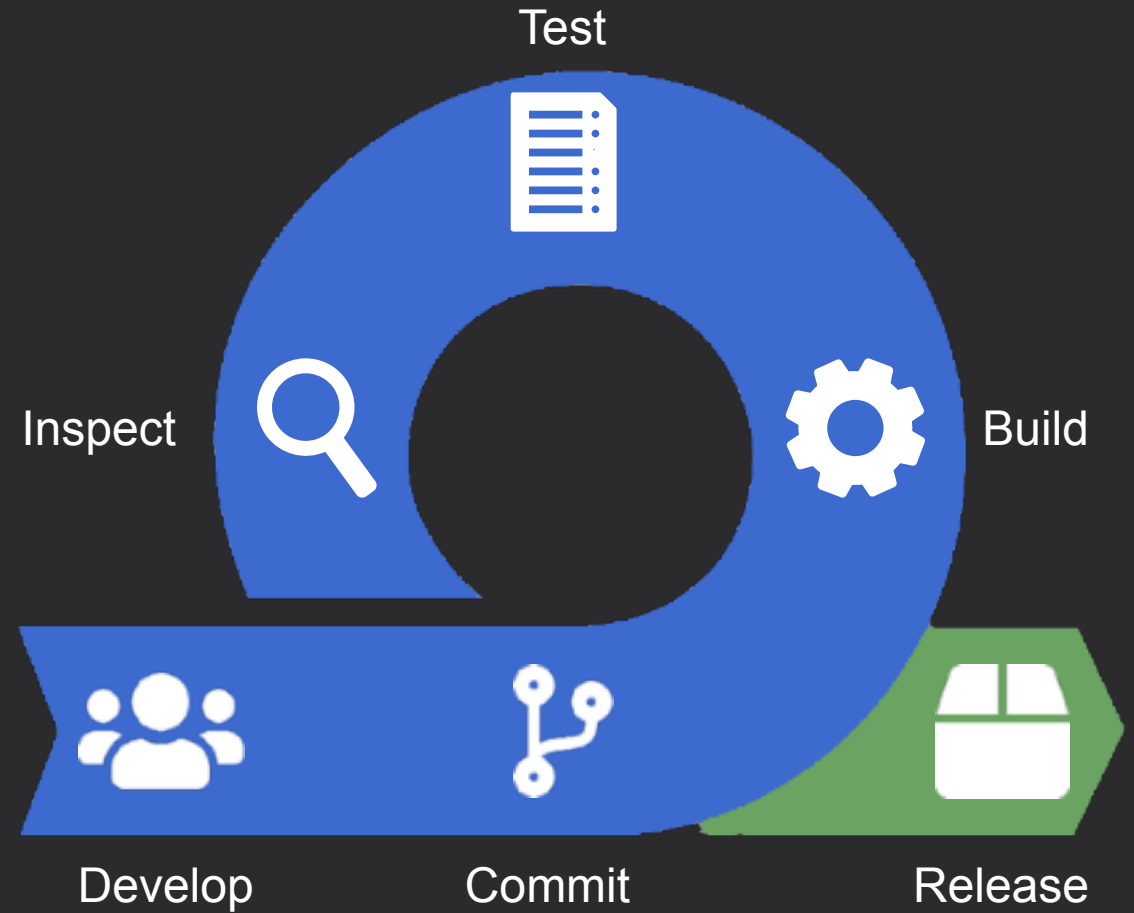


# Continuous Integration

Can you continuously integrate without a “build tool” like Jenkins, GitHub actions, etc?



# Continuous Delivery

As described by Jez Humble

## What is Continuous Delivery?

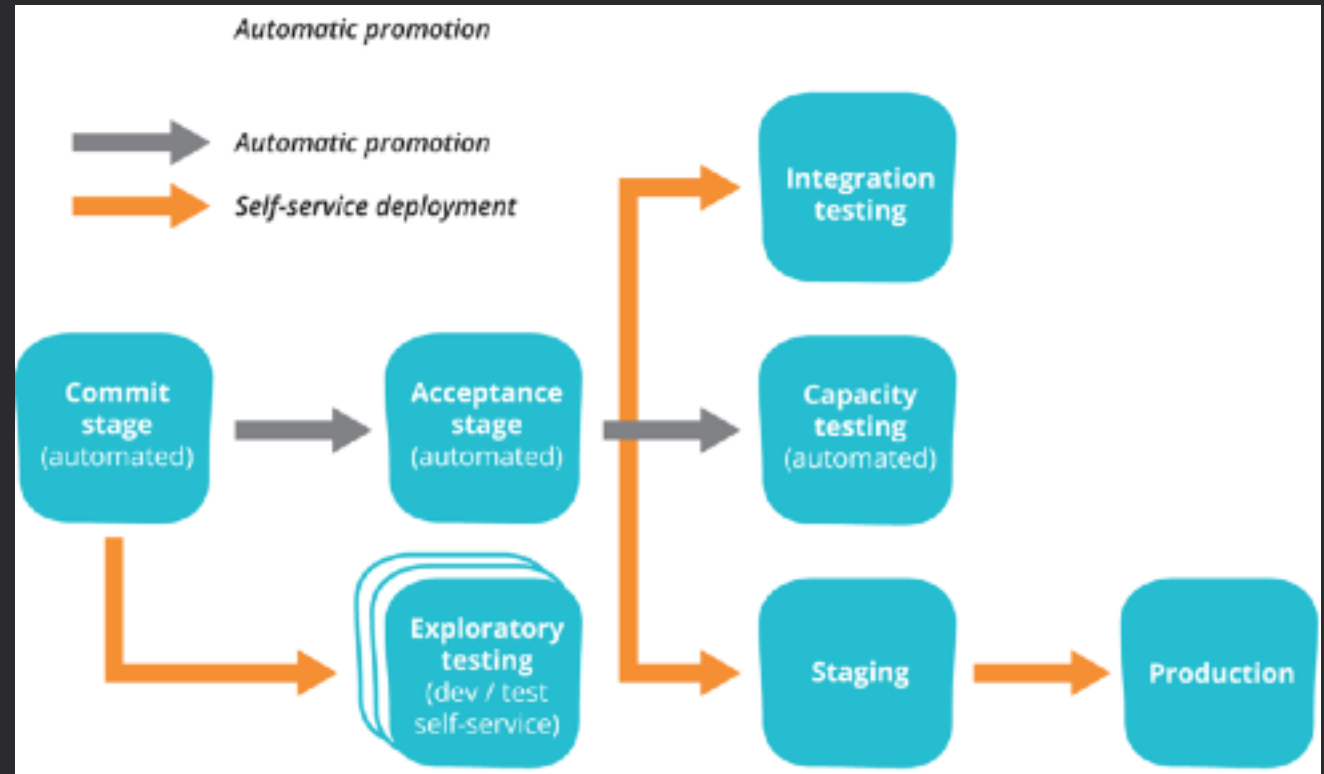
Continuous Delivery is the ability to get changes of all types (features, configuration, fixes, experiments, et .) into production safely, quickly, and in a sustainable way. The goal is to make deployments routine affairs that can be performed on demand.

## Patterns for Low-Risk Releases:

- Low-risk Releases are Incremental
- Decouple Deployment and Release
- Focus on Reducing Batch Size
- Optimize for Resilience

## Deployment Pipeline Recommendations:

- Only build packages once
- Deploy the same way to every environment
- Smoke test your deployments
- Keep your environments similar



## Foundations:

Continuous delivery rests on three foundations: comprehensive [configuration management](#), [continuous integration](#), and [continuous testing](#).

