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CD in the Enterprise

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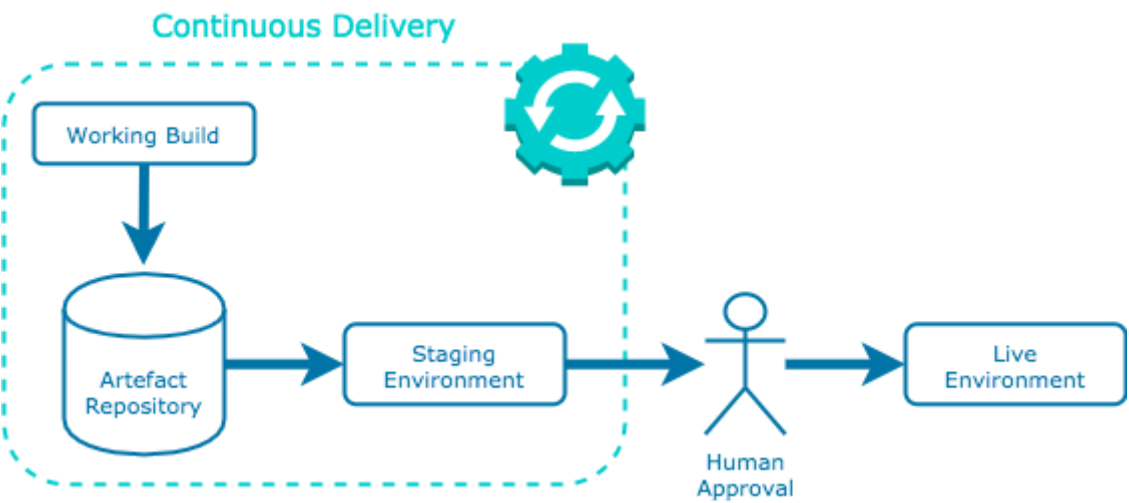
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Overview

Two extensions of CI that are commonly employed are **Continuous Delivery** and **Continuous Deployment** (both of which are confusingly shortened to CD). They're quite similar to both CI and each other, but it's worth knowing the difference.

Ultimately, they are two similar practices that extend CI's scope by automating the delivery of code to the end-user on a regular basis.

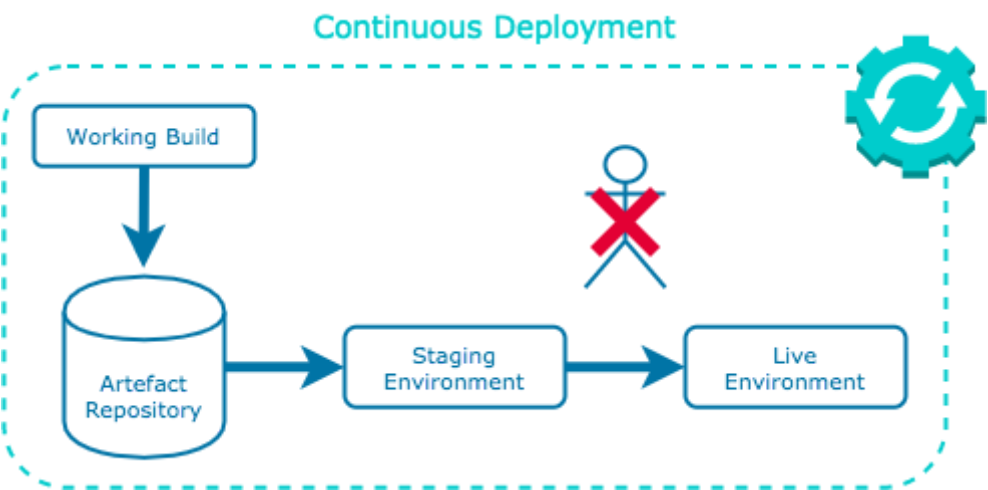
Continuous Delivery



Continuous delivery is an extension of the CI philosophy that seeks to deliver new features to customers on a regular basis. So while CI integrates code regularly, continuous delivery also *delivers* that code regularly.

It requires an automated process in place such that new releases only require approval via a click of a button to go live. This approach encourages organisations to deploy their applications as early as possible in smaller batches.

Continuous Deployment



Continuous deployment further extends the continuous delivery practice such that feature releases are entirely automated, requiring no human interaction for new application features to end up in the customer's hands.

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Continuous deployment workflows have the benefit of eliminating the idea of a "release date", allowing developers to simply focus on creating new ideas without time constraints.

Tutorial

There is no tutorial for this module

Exercises

Research 2 companies that use CD:

- What benefit does working in this way bring the company?
- What would be the alternative ways of working?
- How does working like this affect the end user?