

Lesson: Releases & CI/CD

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Releases

CI / CD

Why releases?

Releases allow developers to precompile and package all of their code and the runtime into a single unit.

- ▶ Code preloading
- ▶ Configuration and customization
- ▶ Self-contained
- ▶ Multiple releases
- ▶ Management scripts

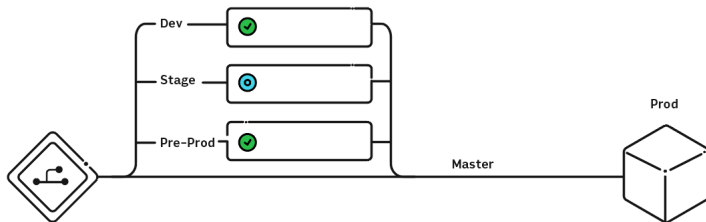
Releases

CI / CD

What is Continuous Integration?

- ▶ Multiple developers pushing small, frequent changes to a shared repository
- ▶ Often comes with Continuous Deployment
- ▶ CircleCI build has generally multiple steps:
 - ▶ dependencies
 - ▶ testing
 - ▶ deployment

How your repo will look like



feel free to simplify this to following branches:

- ▶ dev
- ▶ prod

You can configure your CI/CD to do specific task on specific branches (e.g. only deploy prod branch)