



Environment Release Management



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What is an environment?

- An environment is generally the combination of software and hardware running on a configured server. The environment serves a client.
- In software and application development, this generally means a configured server with the requisite software and hardware to support the application.
- Environment management is the practice of managing environments and their availability

What is a release?

- A release is the distribution of the final version of an application. A software release may be either public or private and generally constitutes the initial generation of a new or upgraded application.
- Release management is the practice of moving the version of the software or the application through the environments until it is deployed to the final environment, production

Environment and Release Management

In the management of an application, namely software development, but also data warehousing solutions, it is imperative to develop “lower” environments to develop and test the build prior to releasing the new version to the upper environments – production.

Basic environment paths

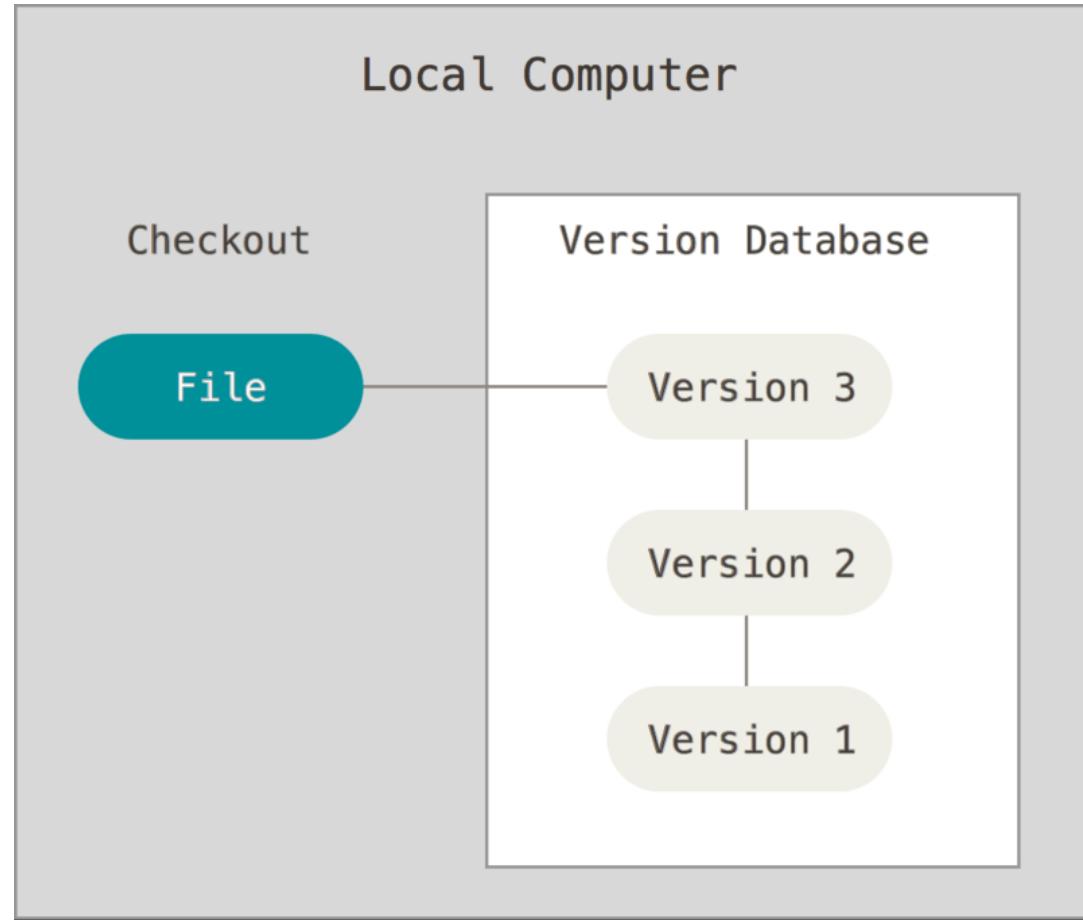


Why is environment and release management important?

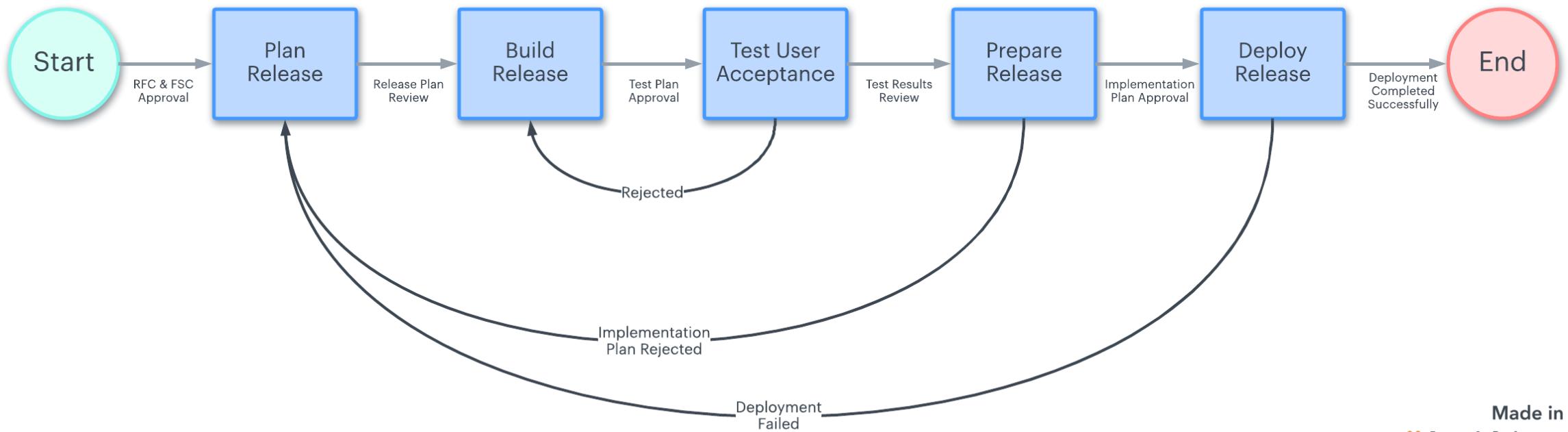
- Provides a version of code for team of developers to work on
- Central repository to manage conflicts changes
- Creates a path for testing (Quality Assurance) prior to deployment
- Allows for different types of releases to occur
- Allows you to manage conflicts in a structured manner
- Creates platform for communication

What is version control?

- A system that keeps records of your changes
- Allows for collaborative development
- Allows you to know who made what changes and when
- Allows you to revert any changes and go back to a previous state



Release Management Process



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