

I. Codebase

What is an environment?

- In software deployment, an **environment** is a computer system in which a computer program or software component is deployed and executed.
- In industrial use, the *development* environment (where changes are originally made) and *production* environment (what end users use) are separated; often with several stages in between.
- This structured release management process allows **phased deployment** (rollout), testing, and rollback in case of problems.

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Environment Name	Description
Local/Development	Developer's desktop/workstation.
QA/Testing	Ensures new code will not have any impact on the existing functionality and test major functionalities of the system.
UAT/Staging	Mirror of production environment for end users to test before live deployment.
Live/Production	Serves end-users/clients and holds live data.