I. Codebase

There are both advantages and disadvantages to a monolithic codebase, when it is compared to a distributed codebase.

- <u>Advantage:</u>
  A monolithic codebase **simplifies integration** and allows operations across the entire codebase.

- <u>Disadvantage:</u>
  It requires a larger repository and makes it easier to introduce wide-ranging **technical debt**.

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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- In industrial use, the *development* environment (where changes are originally made) and *production* environment (what end users use) are separated; often with several stages in between.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.