

# I. Codebase

- A codebase is typically stored in a **source control repository** that belongs to a **revision control system**.
- A source code repository is a place where large amounts of source code are kept, either **publicly or privately**.
- Source code repositories are used for **backups** and **versioning** to handle various source code versions and to provide aid in **resolving conflicts** that arise from developers submitting overlapping modifications.
- Subversion, Git and Mercurial are examples of popular tools used to handle this workflow, which are common in **open source** projects.

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- Multiple projects can have separate, distinct codebases, or can have a single, shared or monolithic codebase.
- A **monolithic** codebase typically entails a single repository (all the code in one place), and often a common build system or common libraries.
- A monolithic system, though, is related to software architecture or a single monolithic binary.