

Module 2 Glossary

Estimated reading time: 3 minutes

Term	Definition	Where the term is introduced
Automated CI tools	Software tools that streamline the development and testing process.	Tools of Continuous Integration (CI) Video
Code Integration Risk	The potential for errors or issues when merging new code changes into an existing codebase.	Benefits of Continuous Integration (CI) Video
Code Quality	The measure of how well-written, reliable, and maintainable code is.	Benefits of Continuous Integration (CI) Video
Code Review	A process in which developers examine and evaluate code changes made by their peers.	Benefits of Continuous Integration (CI) Video
Fork	In social coding, forking is creating a personal copy of a repository.	Social Coding Video
Master Branch	The main branch of a version control repository, representing the stable and production-ready state of the codebase.	Git Feature Branch Workflow: Making a Pull Request Video
Open Source	A software development approach where the source code is made publicly available, allowing anyone to view, use, modify, and distribute it.	Tools of Continuous Integration (CI) Video
Short-lived branches	Feature branches in Continuous Integration that are meant for developing small features.	Git Feature Branch Workflow: Making a Pull Request Video
Social coding	The practice of making source code repositories public and encouraging developers to contribute, collaborate, and share code with others.	Social Coding Video
Source Code Repository	A centralized location where developers store and manage the source code of a software project.	Social Coding Video
Traditional Development	A software development approach characterized by a linear and sequential process flow.	Git Feature Branch Workflow: Making a Pull Request Video
Version Control	The management and tracking of changes made to files, particularly source code, over time.	Social Coding Video
Version Control System (VCS)	Software tools used to manage and track changes to source code, also known as SCM tools.	Social Coding Video
Webhooks	Methods of communication between applications or services that allow real-time data delivery and event notifications.	Social Coding Video
Workflow	A sequence of automated tasks or actions performed by CI tools in response to specific events, such as pull requests or file changes.	Introduction to GitHub Actions Video

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