Git Introduction & Installation

Git is an open source, distributed version control system designed for speed and efficiency

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- Install GIT on LINUX
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Why Git?

- Issues without Code Repository
- Issues without Version Control
- Ensuring Zero Code loss

Version control systems

		Strengths	Best for
Centralized Version Control	Check-in Check-out	• Fine level permission control • Allows usage monitoring	• Large integrated codebases • Control and auditability over source code down to the file level
	Edit Commit	• Offline editing support • Easy to edit files outside Visual Studio or Eclipse	• Medium-sized integrated codebases • A balance of fine-grained control with reduced friction
Distributed Version Control (DVCS)		• Fast offline experience • Complete repository with portable history • Flexible advanced branching model	• Modular codebases • Integrating with open source • Highly distributed teams

What is Git?

Git is a distributed version control and source code management(SCM) system
- Speed, Data integrity and support for distributed, non-linear workflows.

Initially designed and developed by Linus Torvalds for Linux kernel development in 2005

Full-fledged repository with complete history
Full version-tracking capabilities, independent of network access or a central server.

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