

Git

- Git is a **free** and **open source** version control system.
- It is primarily used for **source code management** in software development.
- It is considered to be a distributed revision control aimed at **speed**, **integrity**, and **support** for distributed, non-linear workflows.



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Characteristic	Description
Non-linear Development Support	<ul style="list-style-type: none">• Rapid branching and merging.• Specific tools for visualizing and navigating development history.
Distributed Development	<ul style="list-style-type: none">• Local copy of the full development history and changes.• Changes then can be merged as a locally developed branch.
Existing Systems Compatibility	<ul style="list-style-type: none">• Repositories can be published via well-known protocols.