Git

Charactaristic	Description
Non-linear Development Support	• Rapid **branching** and **merging**. • Specific tools for **visualizing** and navigating development history.
Distributed Development	• **Local copy** of the full development history and changes. • Changes then can be merged as a locally developed branch.
Existing Systems Compatibility	• Repositories can be **published** via well-known protocols.

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Efficient Handling of Large Projects	• Very **fast** and **scalable**.
Cryptographic Authentication of History	• A **commit** depends upon the complete development history. • Changing old versions is **always noticed**.
Toolkit-based Design	• Designed as a set of programs written in C, and several shell scripts. • Easy to **chain** the components together.