Git

Charactaristic	Description
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.

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Pluggable Merge Strategies	• It has a well-defined model of an incomplete merge. • It also has multiple algorithms for completing it; manually or automatically.
Garbage Accumulation	• It performs automatic garbage collection when enough loose objects has been created. • oIt also can be done explicitly.