

Git

Characteristic	Description
Efficient Handling of Large Projects	<ul style="list-style-type: none">• Very fast and scalable.
Cryptographic Authentication of History	<ul style="list-style-type: none">• A commit depends upon the complete development history.• Changing old versions is always noticed.
Toolkit-based Design	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• It has a well-defined model of an incomplete merge.• It also has multiple algorithms for completing it; manually or automatically.
Garbage Accumulation	<ul style="list-style-type: none">• It performs automatic garbage collection when enough loose objects has been created.• olt also can be done explicitly.