

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.



Git

| 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. |