**What is Source Control?**

Source control (or version control) is the practice of tracking and managing changes to code. Source control management (SCM) systems provide a running history of code development and help to resolve conflicts when merging contributions from multiple sources.

**Why Source Control?**

* Backup/Archive
* Versioning/History
* Undo Changes
* Comparing
* Collaboration / Teamwork
* Isolation Of Changes

**Types: -**

**Centralized Decentralized/Distributed**

Free: Subversions, CVS Git & Mecurial

Commercial: Clear Case, Perforce

Central Server Required Most of the operations are local/

Central server not Required

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**Git**

Git will be automatically installed with XCode in mac.

**Git commands**

* **Git version ---** To Know the Git version installed in mac/windows
* **Git config ---**

git config --global user.name "abhilash"

git config --global user.email "mailID@gmail.com"

* **Git Clone ---** To clone the git repository to local disk