

Introduction to Git

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Version Control System(VCS)

- Revision control, also known as version control or source control.
- Embedded: e.g: MS Word, OpenOffice Writer, etc..
- Stand alone: e.g: Git, SVN, Mercurial, etc...
- Central: e.g: SVN.
- Distributed: e.g: Git.

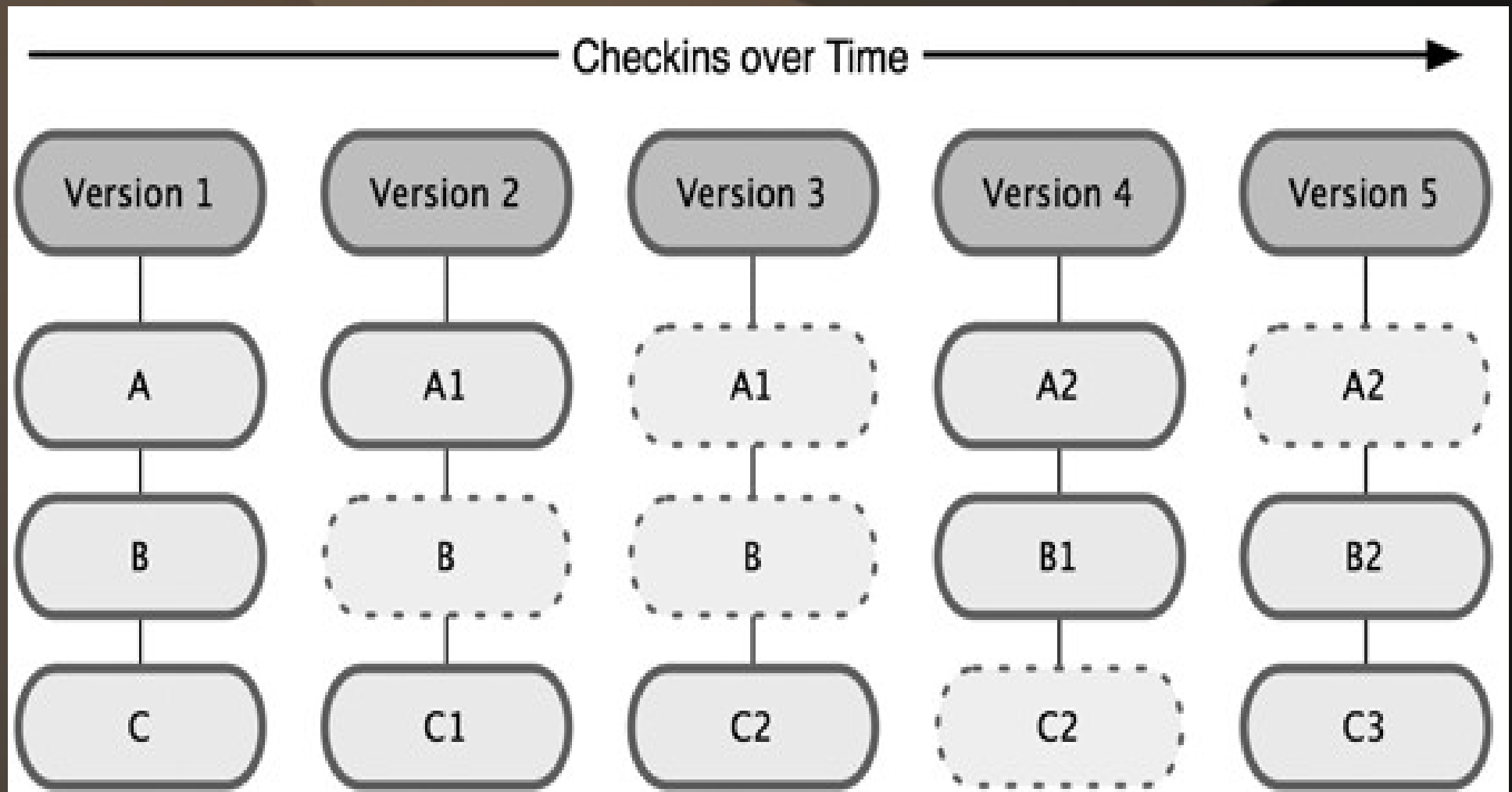
Why?

- Ability to manage and track changes that occur to any document.
- Have several people working on the same file at once.

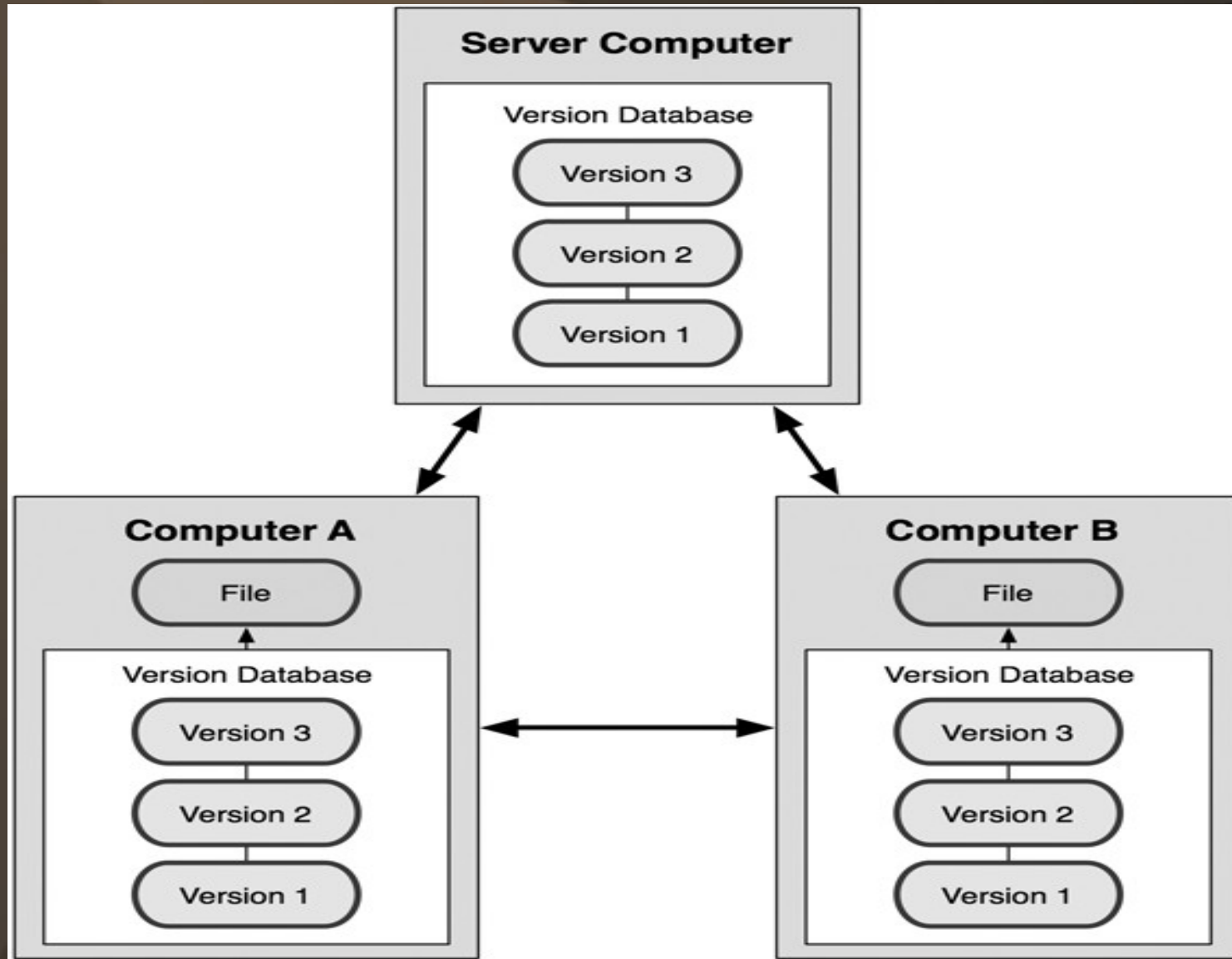
Git

- Distributed version control system.
- Developed by Junio Hamano and Linus Torvalds.
- Free & open source.
- Fast, very fast!
- Efficient, used by: Linux Kernel, Perl, Eclipse, Gnome, KDE, Qt, Ruby on Rails, Android, PostgreSQL, Debian, X.org, etc...

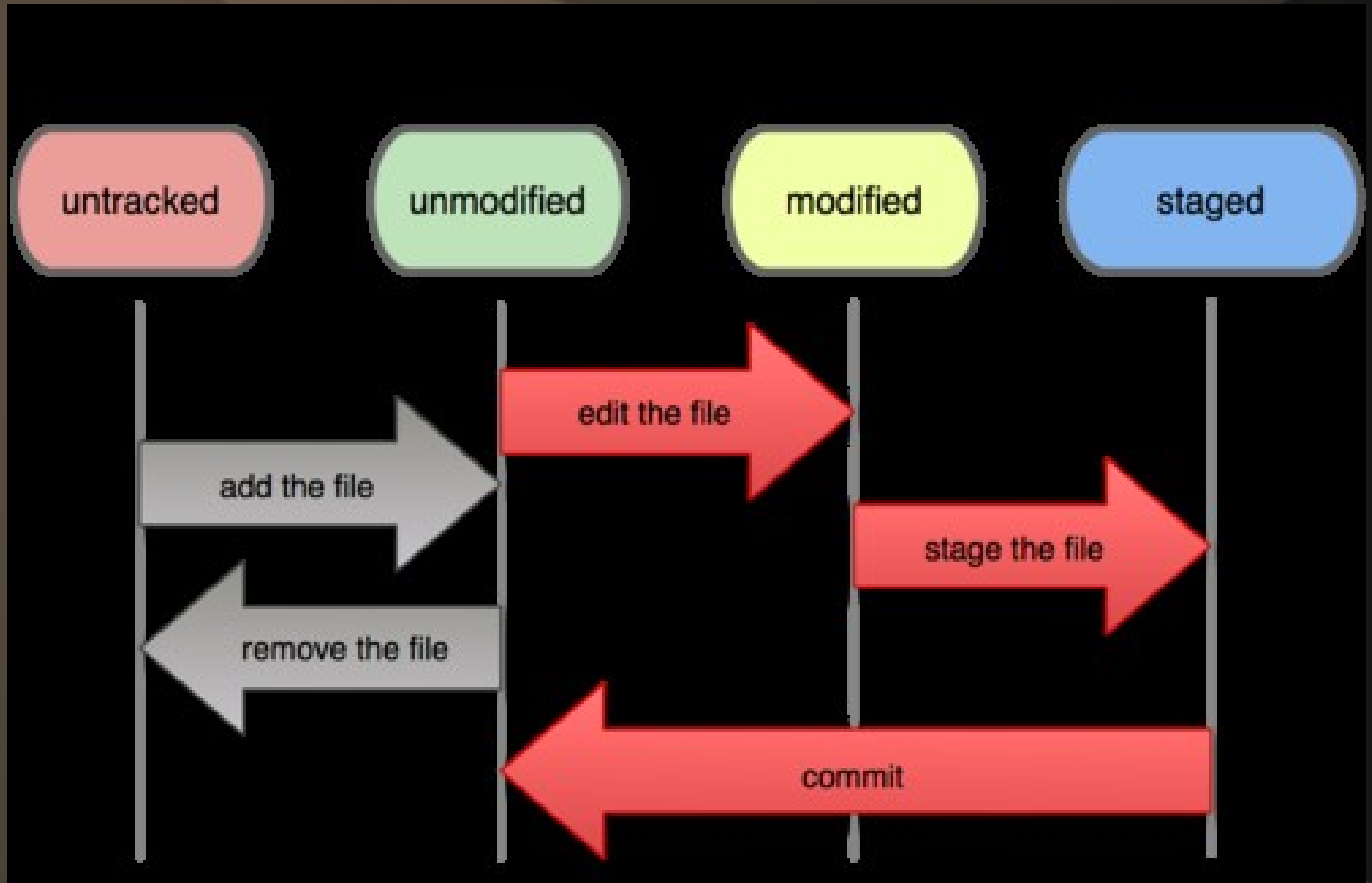
Git Basics: Snapshots



Git Basics: Distributed



Git Workflow





References

- Pro Git Book: <http://progit.org/book/>
- Github cheat sheets: <http://help.github.com/git-cheat-sheets/>

Thanks!

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