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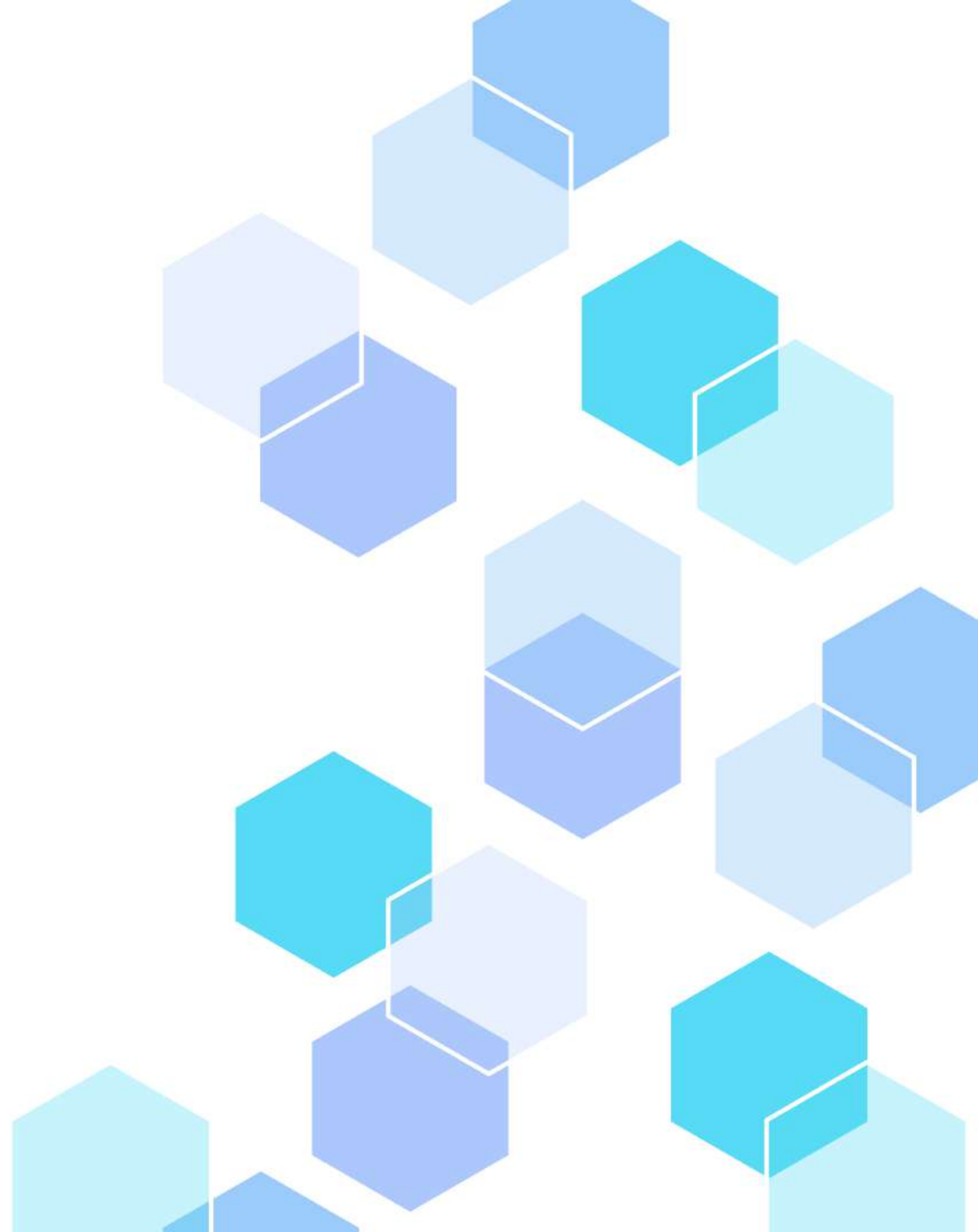
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01

Git

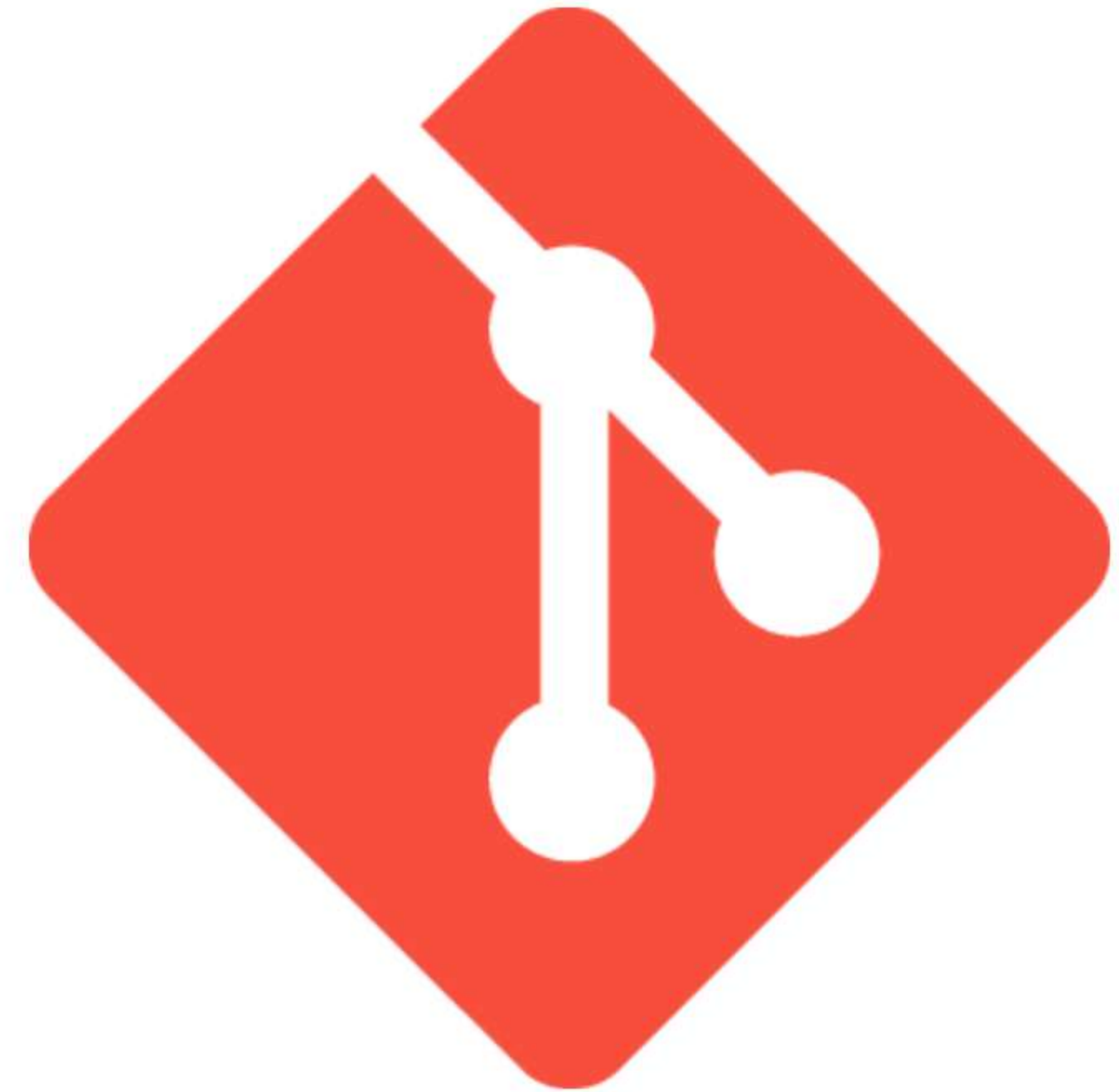
Intro about Git,
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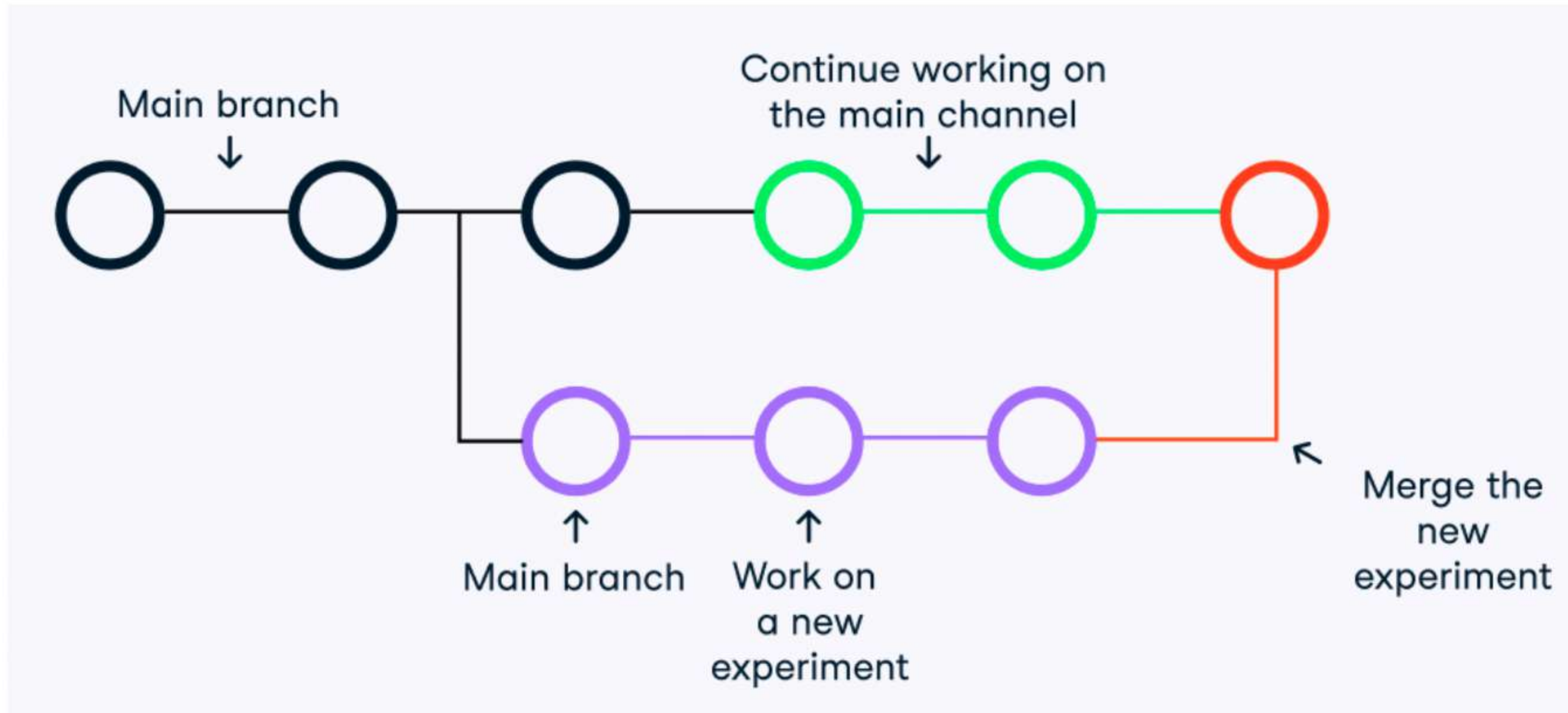
What is Git?

Git is a free and open-source **distributed version control system**.

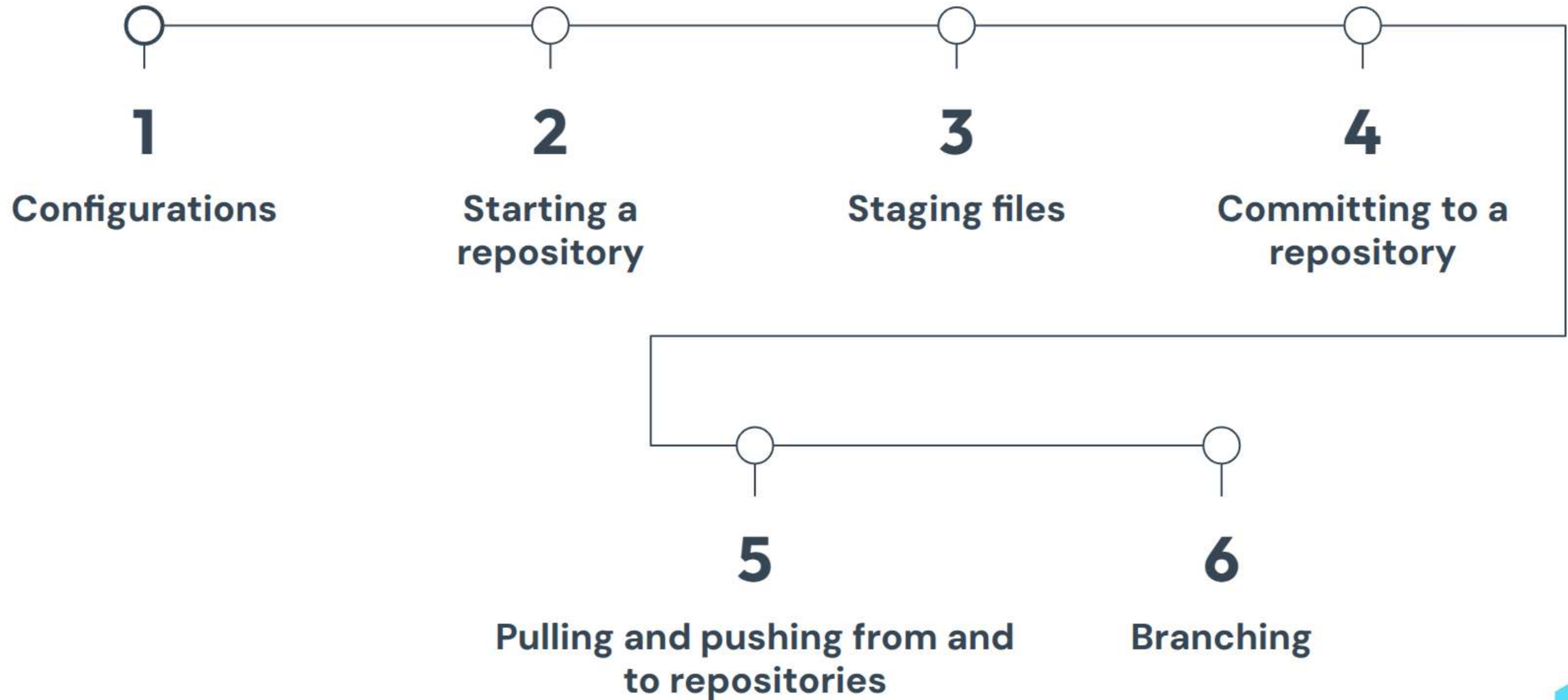
Every clone of a Git repository is a complete repository with a full copy of the project's history. This makes it easy to collaborate on projects, as each developer can work on their own branch and then merge their changes back into the main repository.



Version Controlling



Steps of Git Commands execution



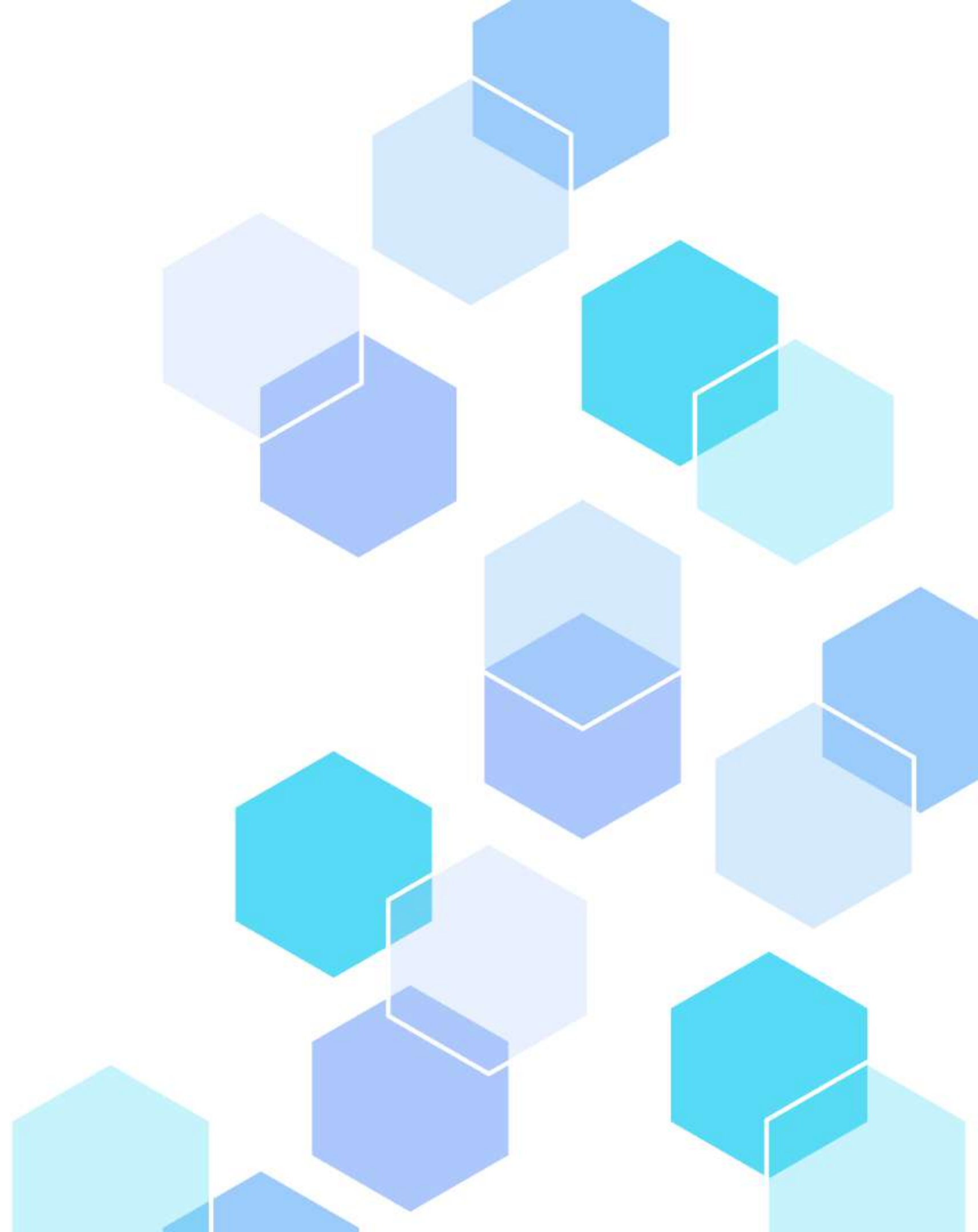
Basic Git Commands

- ☐ `git init`
- ☐ `git add file|directory|location`
- ☐ `git commit -m "first commit"`
- ☐ `git branch -M main`
- ☐ `git remote add origin <link>`
- ☐ `git push -u origin main`

02

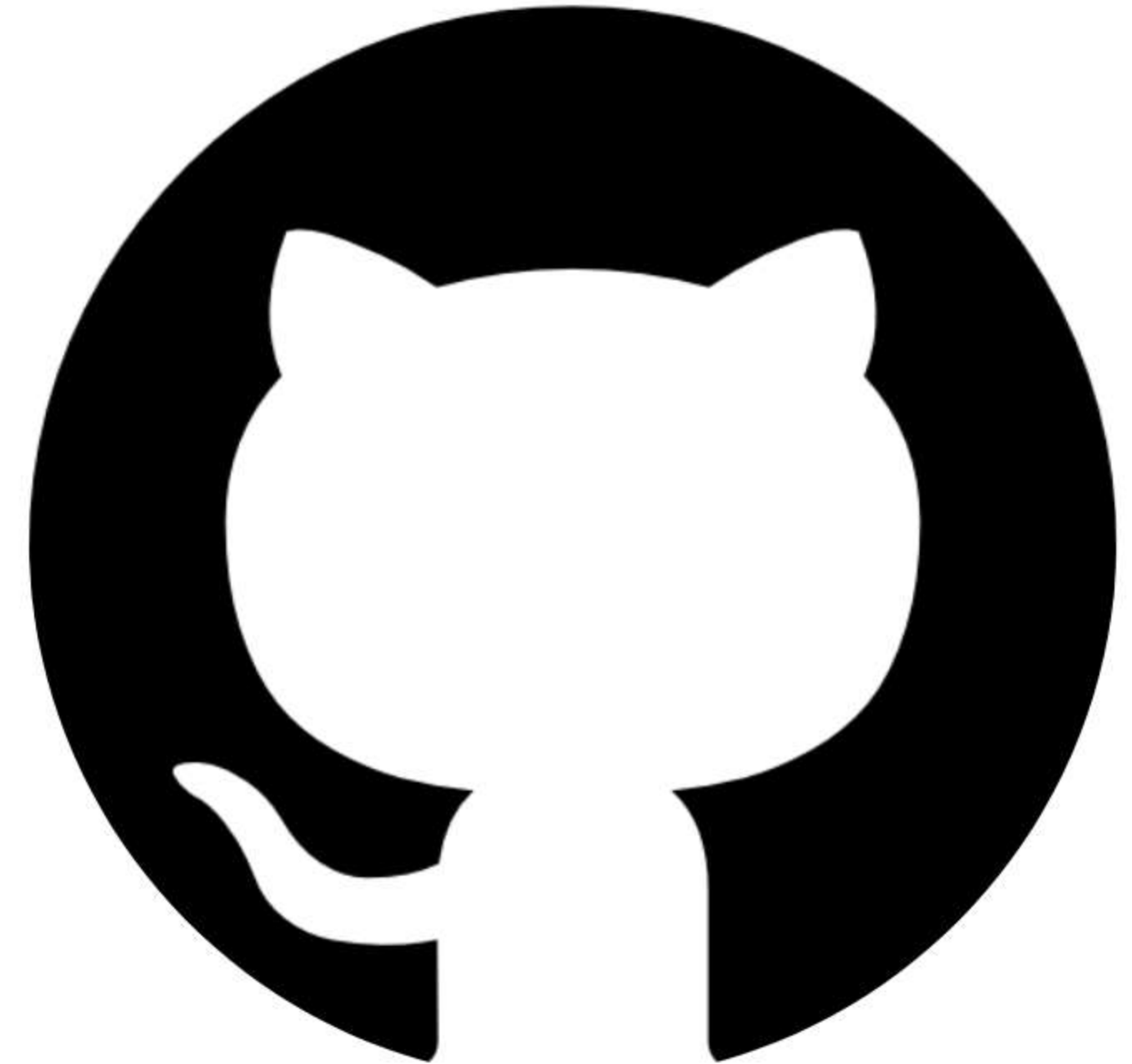
GitHub

Use case with GitHub



What is GitHub?

GitHub is a **platform** and **cloud-based service** for **software development** and **version control**, allowing developers to **store and manage their code**.



TL;DR

Git

- A free and open-source distributed version control system.
- Provides several git commands to manage the codebase.
- A software which needs to be installed on system.

GitHub

- GitHub is a platform and cloud-based service.
- Provides several facilities to manage and collab the projects.
- A service which can be accessible via web.