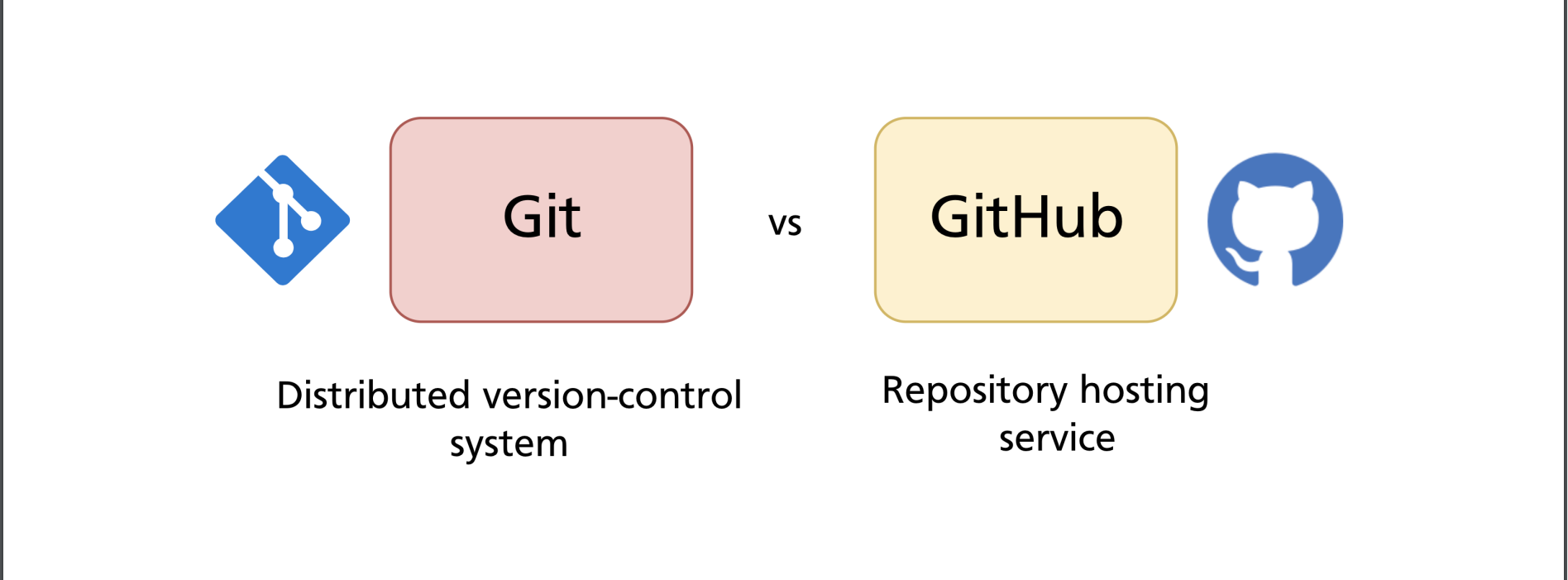
1. GIT & GIHUB:

* What’s the difference



Git is a versioning tool, and from the word it stores all historical versions of a project e.g., V1, V2, …

Tracking different versions of projects i.e changes and history

One is able to get to any version of the project

Github:

* utilizes git for collaboration with other people
* used as a backup for local repositories

1. Creating an account:
2. Signin in:
3. Creating a project:
4. Cloning a project:
5. Git Fetch, pull & Push

* Pushing local changes:
* Contributing to a Project
* Clone
* Create branch
* Push
* Pull changes

1. Pull requests

Getting contribution from a project

* Adding contributors
* Pulling a request & merging into master/ main

Basic Shell commands

Basic Git commands

* Making changes, staging changes ‘

Git branches & Head

* How to switch between different branches

Cloning Public repositories:

Forking and contributing to public repositories:

Creating pull request from the forked repositories

Merging and rebasing:   
merging is mainly for intergrating features worked on to main or master

Git tags versioning projects:

Rebasing:

Comparison with merging

Git ignore:

Ignoring certain files or even folders

Detach Head:

* Making experimental commits

Advanced Github:

1. Github pages hosting static web sites

* Attach domains

Git hooks:

* You can check commit messages
* Running automated tests
* Verifying index of the code