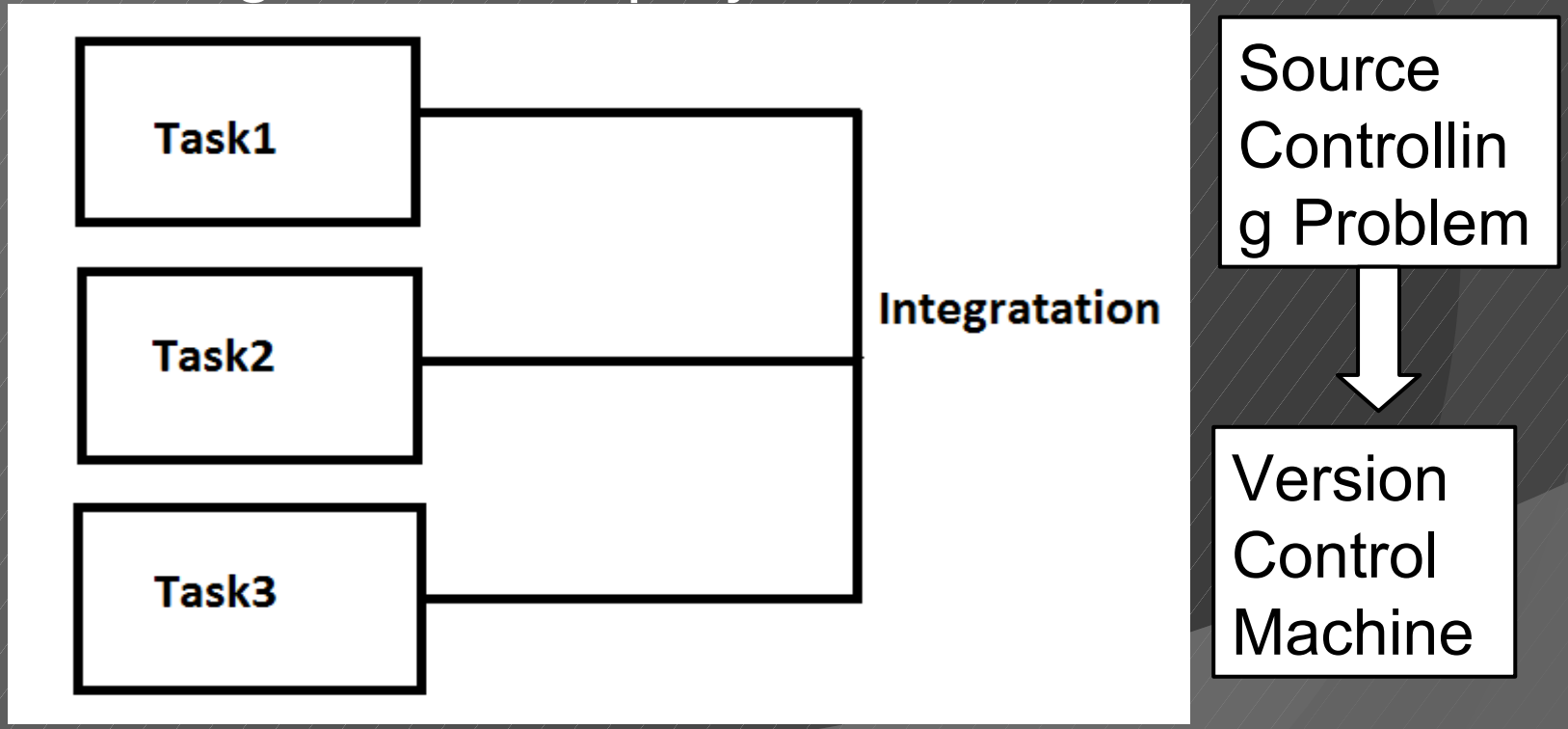
Hello,
GOOD MORNING!

Content

- What is GIT?
- What is GITHUB?
- How to work on GIT and GITHUB
- Commit
- Push
- Pull
- Branching
- Merging

Why GIT

- Multiple people are working on multiple things on same project.



Version Control Machine

- VCM means repository used to store data.

Types

1. Centralized VCM
2. Distributed VCM

Centralized VCM

- CVCM means data will save to common repository.

Distributed VCM

- DVCM means data will save to different repository that are extends to common repository.

GIT

- GIT is distributed version control machine.
- Tool which have repository in machine.
- Local Repository.

Advantages:-

- To track changes.
- Working in team.

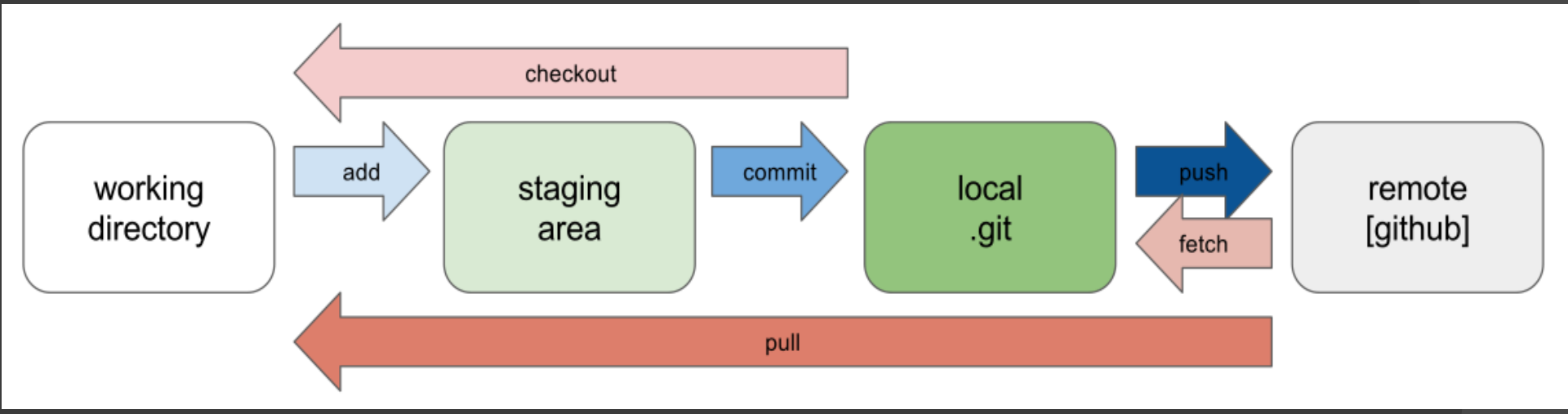
GITHUB

- GITHUB is central repository used to store f les.
- Server.
- Master Project.

Advantages:-

- Provide backup
- Accessible to all team.

GIT and GITHUB



GIT !=GITHUB

GIT

- To install GIT

Ways

1. Command Prompt by installing application.
2. Eclipse-It already have GIT repository

GITHUB

- How to use GITHUB

Steps:-

1. Go to Google and visit on Github.com
2. Signup
3. Login

STAGING

- Add f le from project to staging area.

Ways:-

1. Add to index.
2. After commit.

PULL

- Push means fetch data from GITHUB to GIT.
- Server to Local repository .

Lets see:----

PUSH

- Push means send data from GIT to GITHUB.
- Local repository to server.

Lets see:----

COMMIT

- After doing task we have to add in local repository means in GIT.

Lets see:----

BRANCHING AND MERGING

- Task completion.
- It not possible to add directly to Master.
- Create Branch.
- Review by TL.
- Merging into MASTER.

Thank you!
Any Questions?