GITHUB
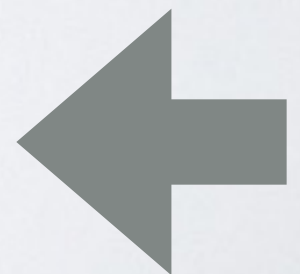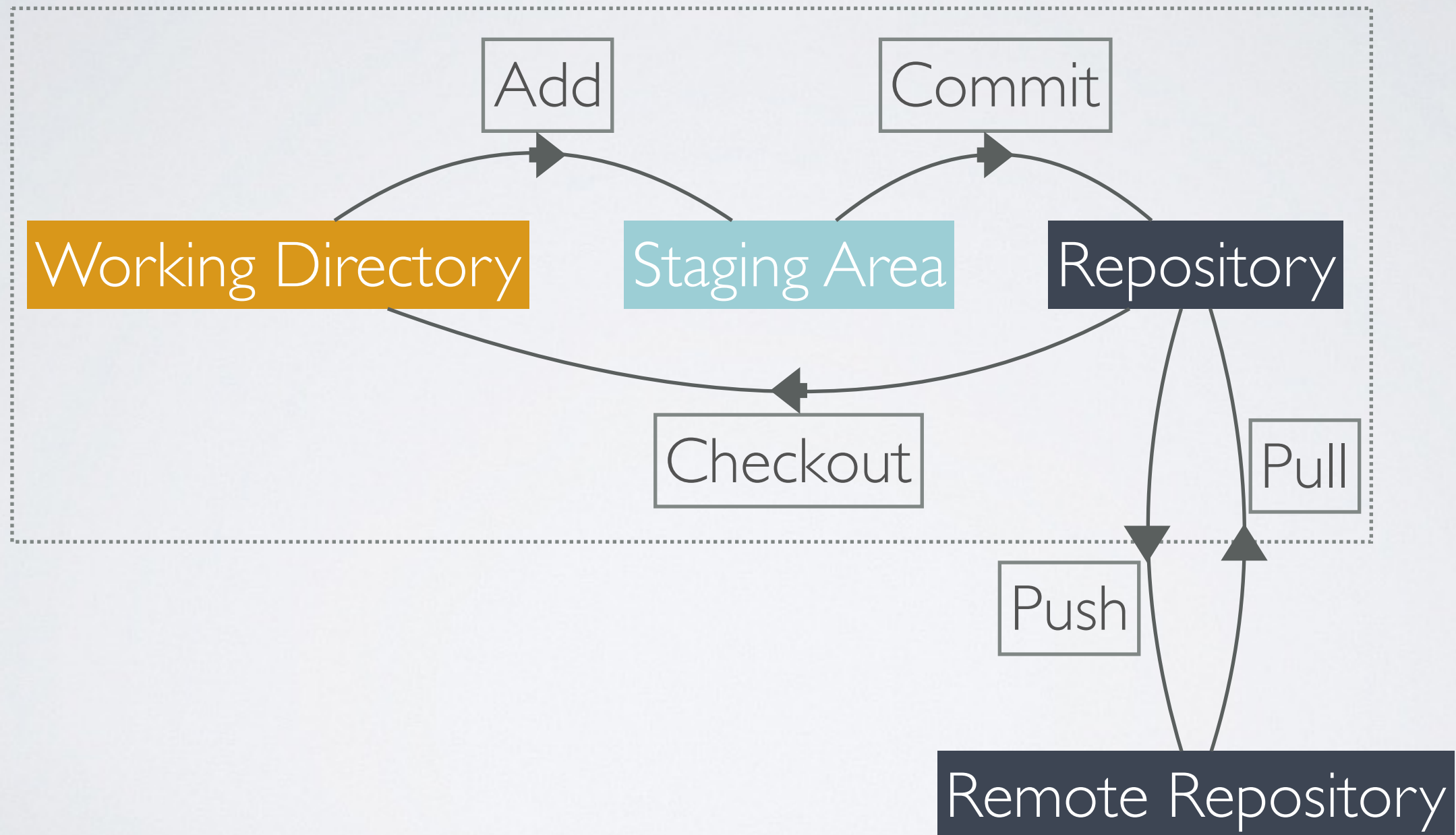
Brief Introduction

STEPS

- 1. Register and Install

- 2. Basic SVN Command

- 3. Conflict Solving

- 4. Branches

- 5. Recourses for learning

1. REGISTER AND INSTALL

- 1. Join HPCGISLab organization

- 2. No recommendation for Desktop

- 3. Learn to use github.com

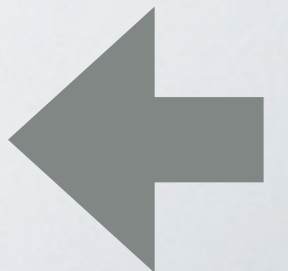- (Markdown, .gitignore, wiki, Graphs)

- 4. Google

2. BASIC SVN COMMAND

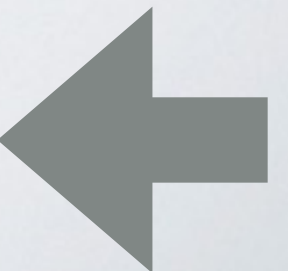# 2. BASIC SVN COMMAND

- 1. Clone   // Clone a repository into a new directory

- 2. Status   // Show the working tree status

- 3. Add   // Add file contents to the index

- 4. Commit // Record changes to the repository (Vim commands)

- 5. Checkout // Switch branches or restore working tree files

- 5. Push   // Update remote refs along with associated objects

- 6. Fetch   // Download objects and refs from another repository

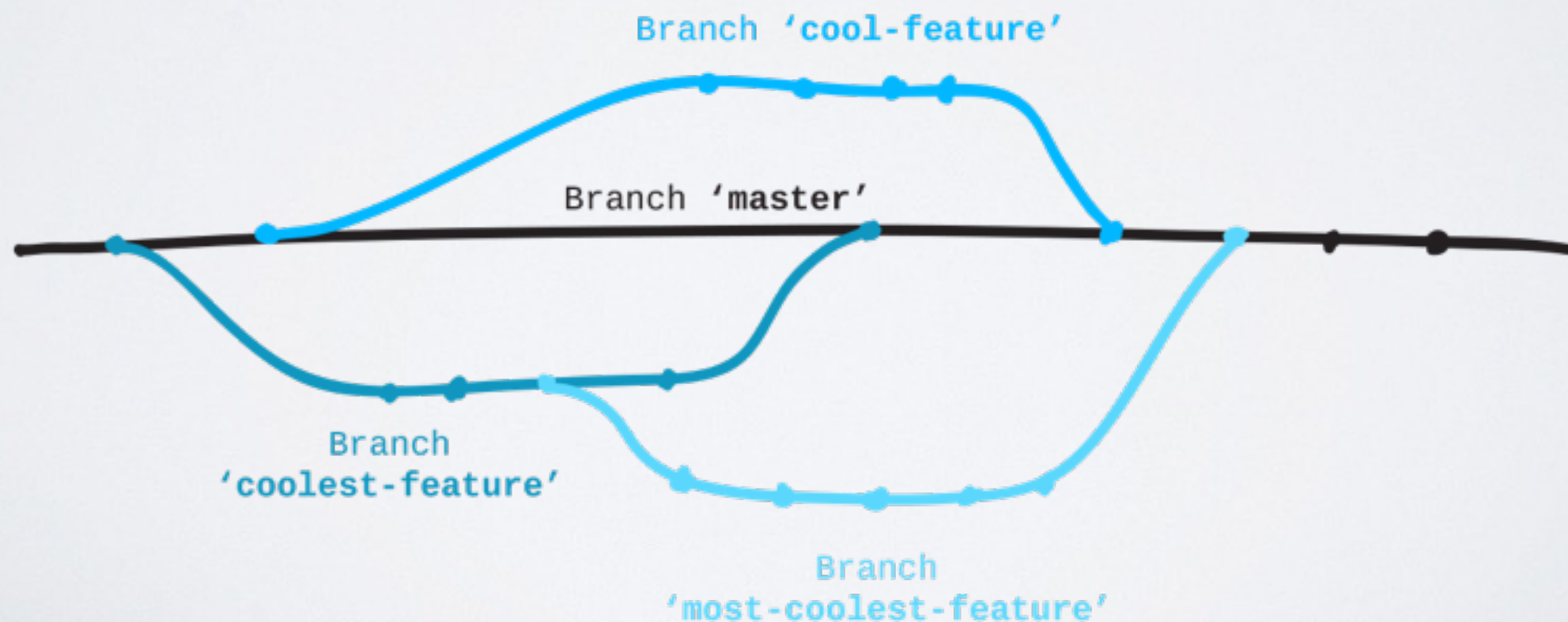- 7. Pull   // Fetch from and integrate with another repository or a local branch
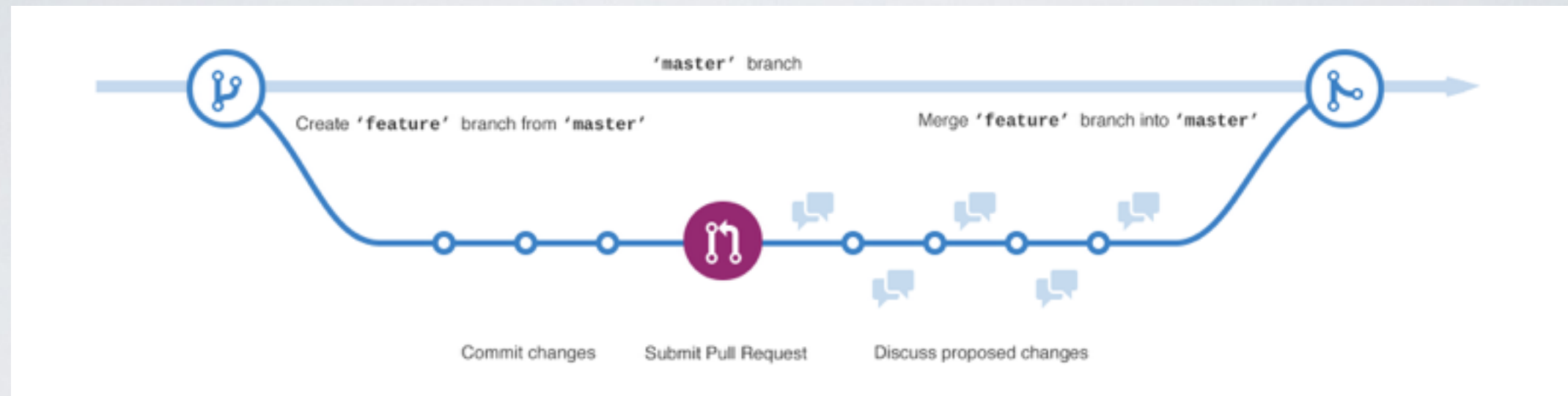
3. CONFLICT SOLVING

- 1. Conflict only happens when two people are modifying the same line at the same time.

- 2. How to avoid:

    - a. Clearly arranging work

    - b. Always communicating
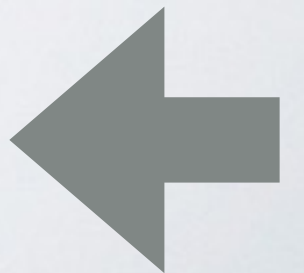
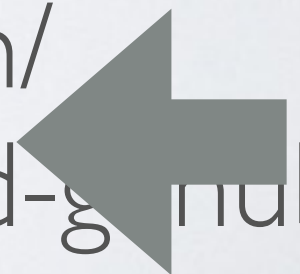- 3. Haven't find good tools with GUI (Meld)

4. BRANCHES

4. BRANCHES

- 1. branch: List, create or delete branches

- 2. checkout: Switch branches or restore working tree files

- 3. merge: Join two or more development histories together

5. RECOURSES

- 1. Berief Video: https://www.youtube.com/watch?v=oFYyTZwMyAg

- 2. Learn commands: https://www.codecademy.com/learn/learn-git

- 3. Github help page: https://help.github.com/articles/good-resources-for-learning-git-and-github/

Try something