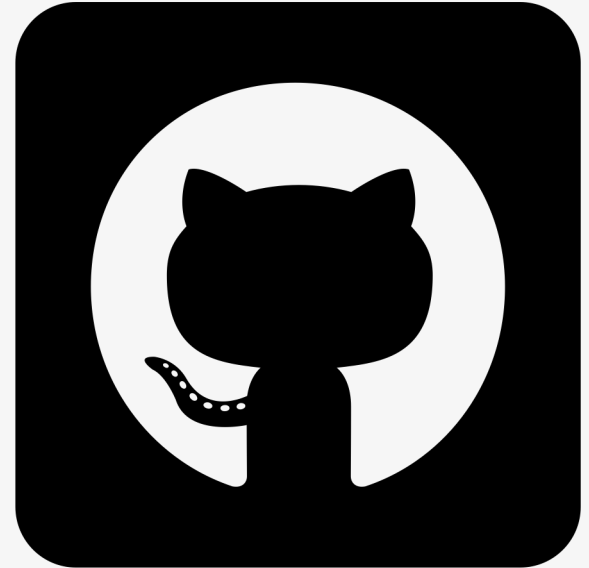


Tutorial

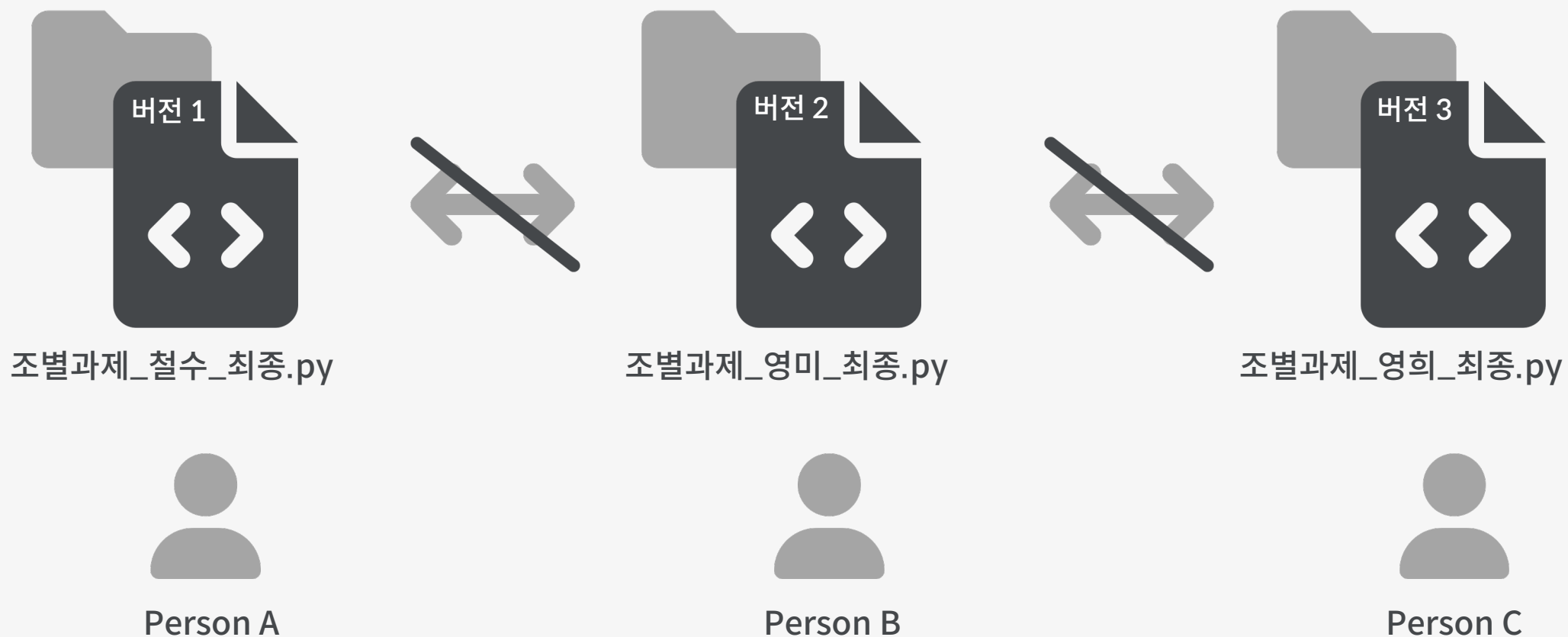
# 하루만에 끝내는 Git과 GitHub 기초

With GitHub Desktop



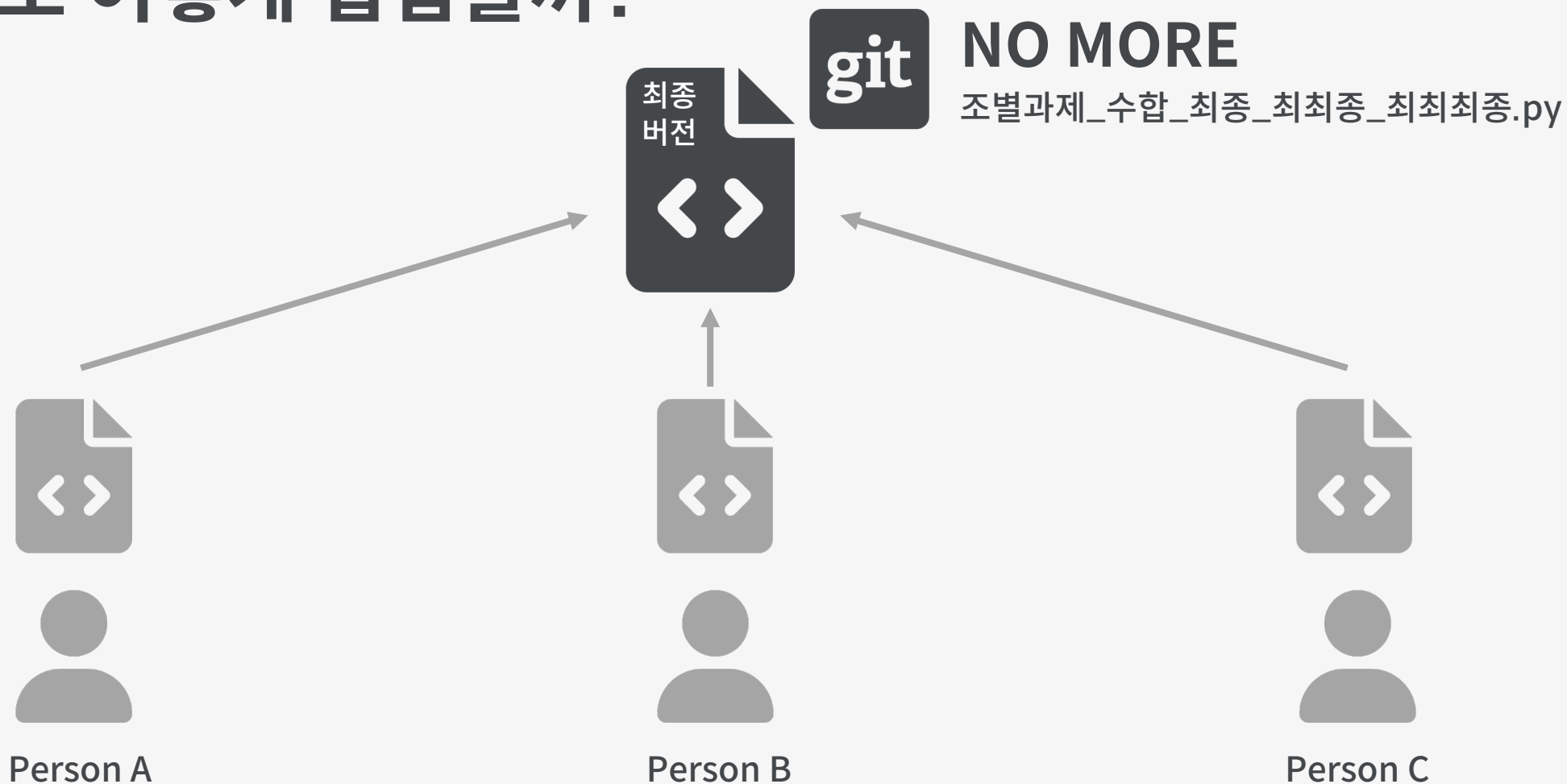
## 1 Introduction

# 코드로 어떻게 협업할까?



## 1 Introduction

# 코드로 어떻게 협업할까?



## 2 Git 개념

# Git이란?

소스코드를 효율적으로 관리하기 위한 분산형 버전 관리 시스템

### 1. 버전 관리



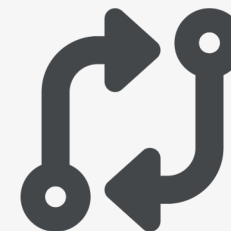
소스코드 변경사항의  
추적과 관리

### 2. 백업



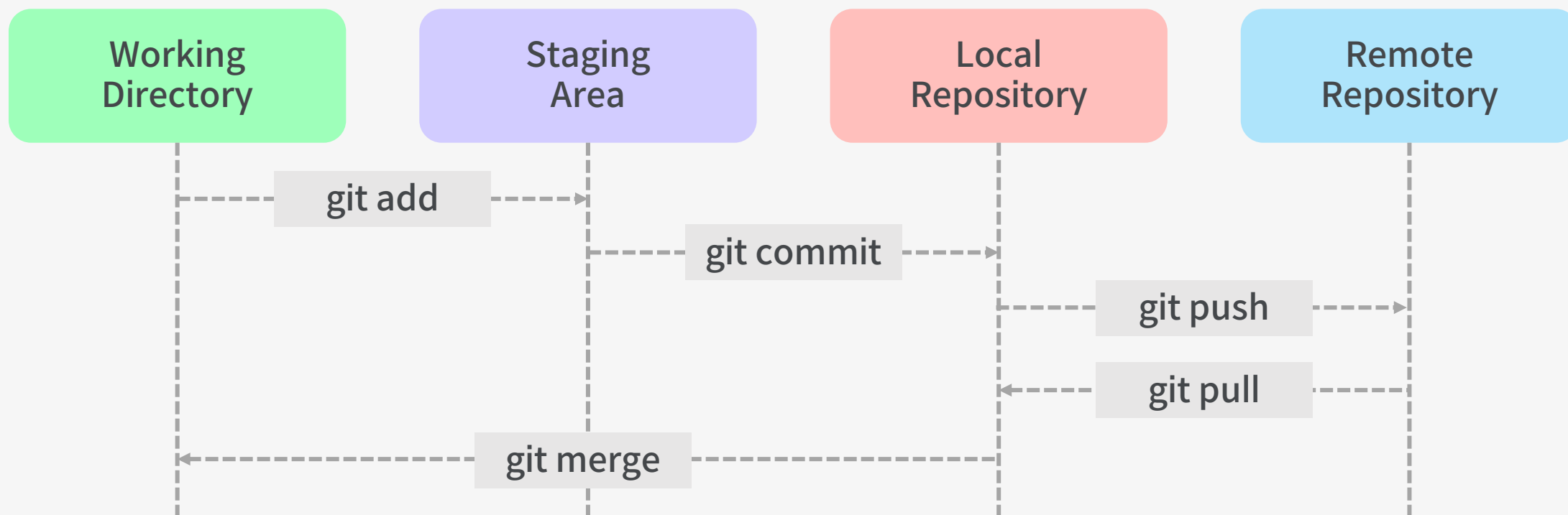
원격 저장소(remote  
repository)에 소스 코드  
보관

### 3. 협업



원격 저장소 중심으로  
다른 사람과 동시에  
작업 진행

# Git 버전 관리



## 2 Git 개념

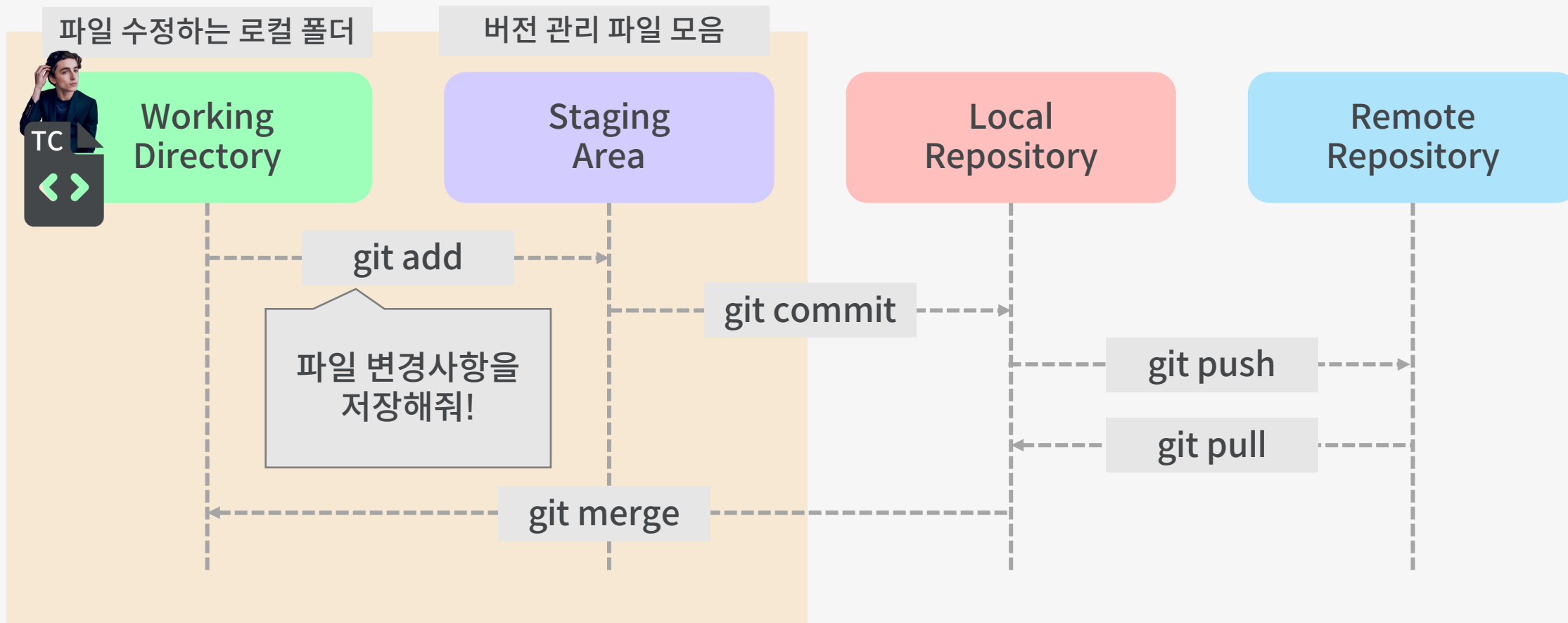


Person A



Person B

# Git 버전 관리 - Person A 관점



## 2 Git 개념

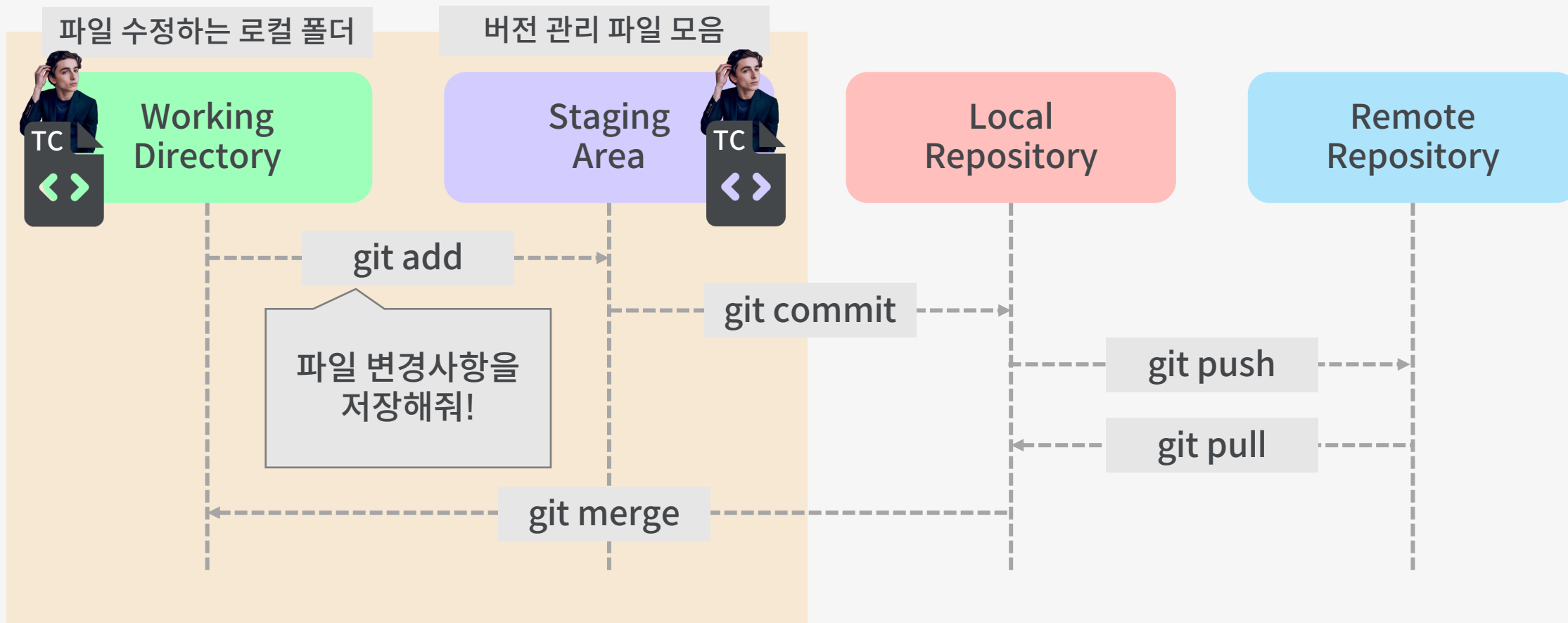


Person A



Person B

# Git 버전 관리 - Person A 관점



## 2 Git 개념

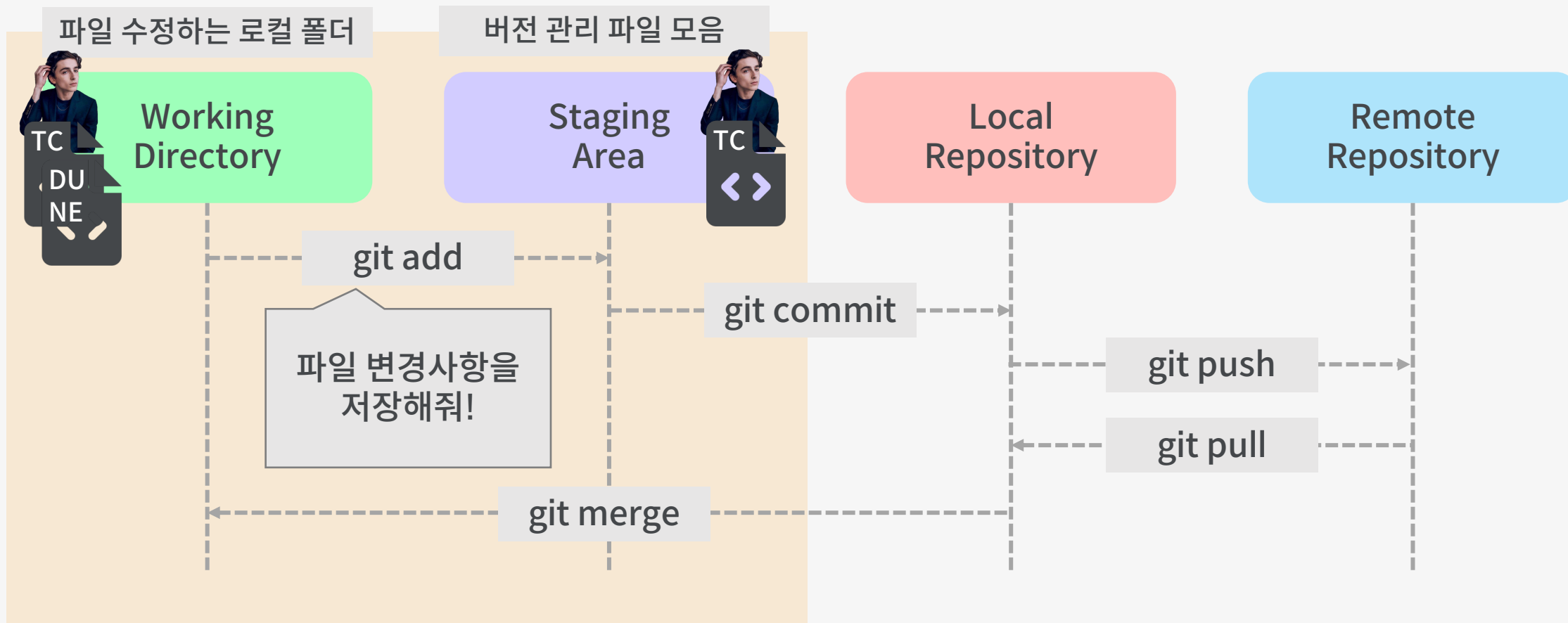


Person A



Person B

# Git 버전 관리 - Person A 관점





## 2 Git 개념

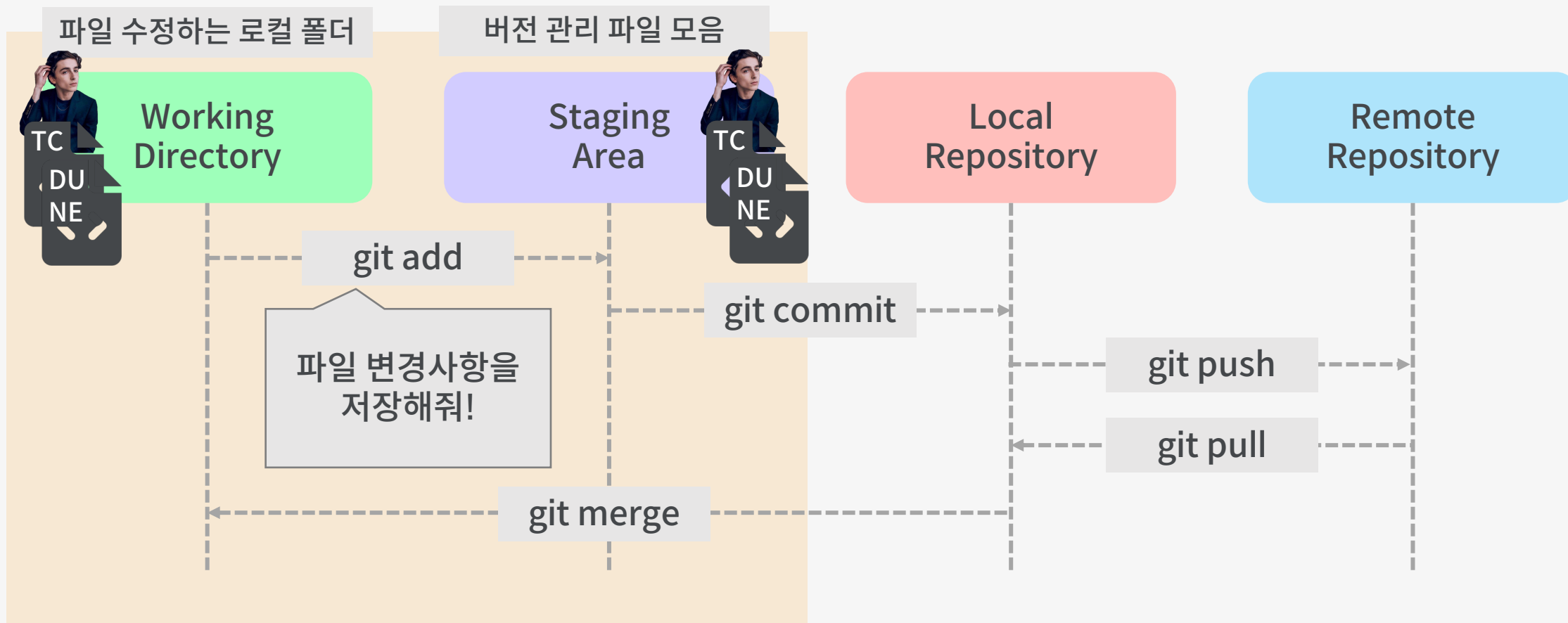


Person A



Person B

# Git 버전 관리 - Person A 관점



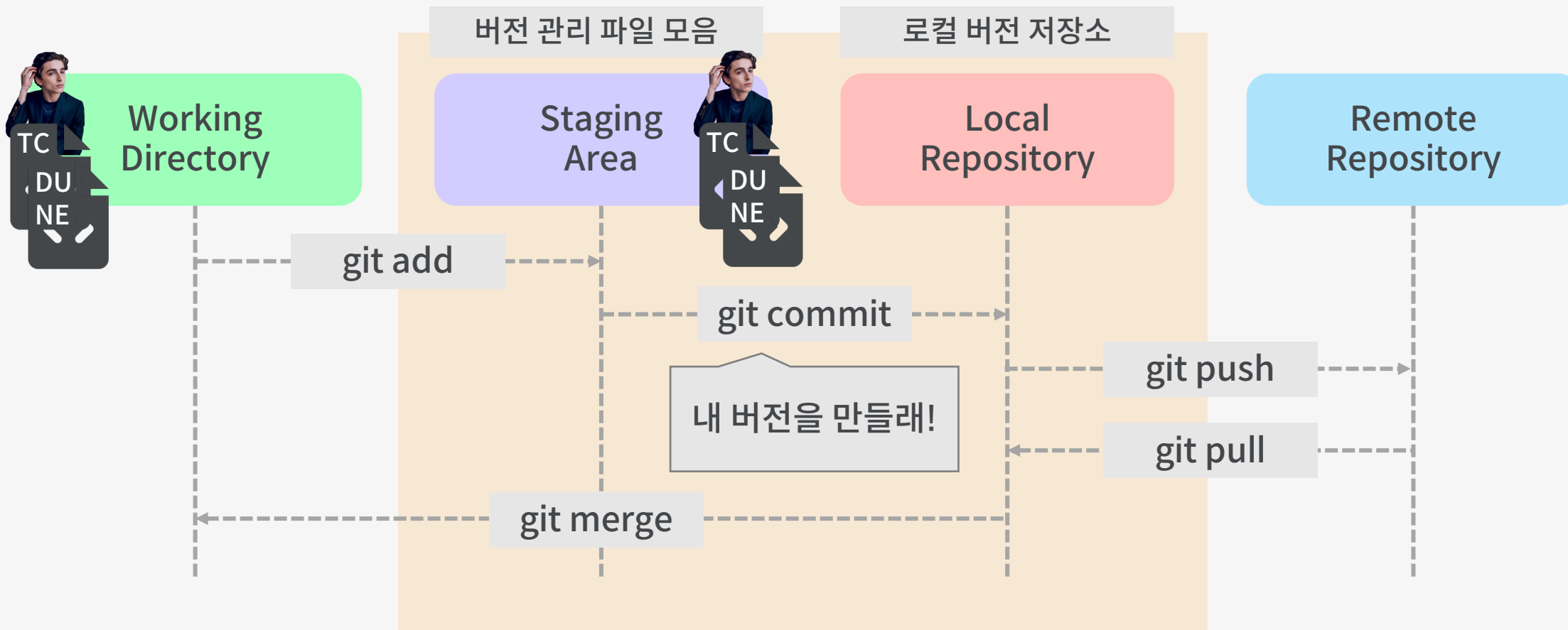


Person A



Person B

# Git 버전 관리 - Person A 관점



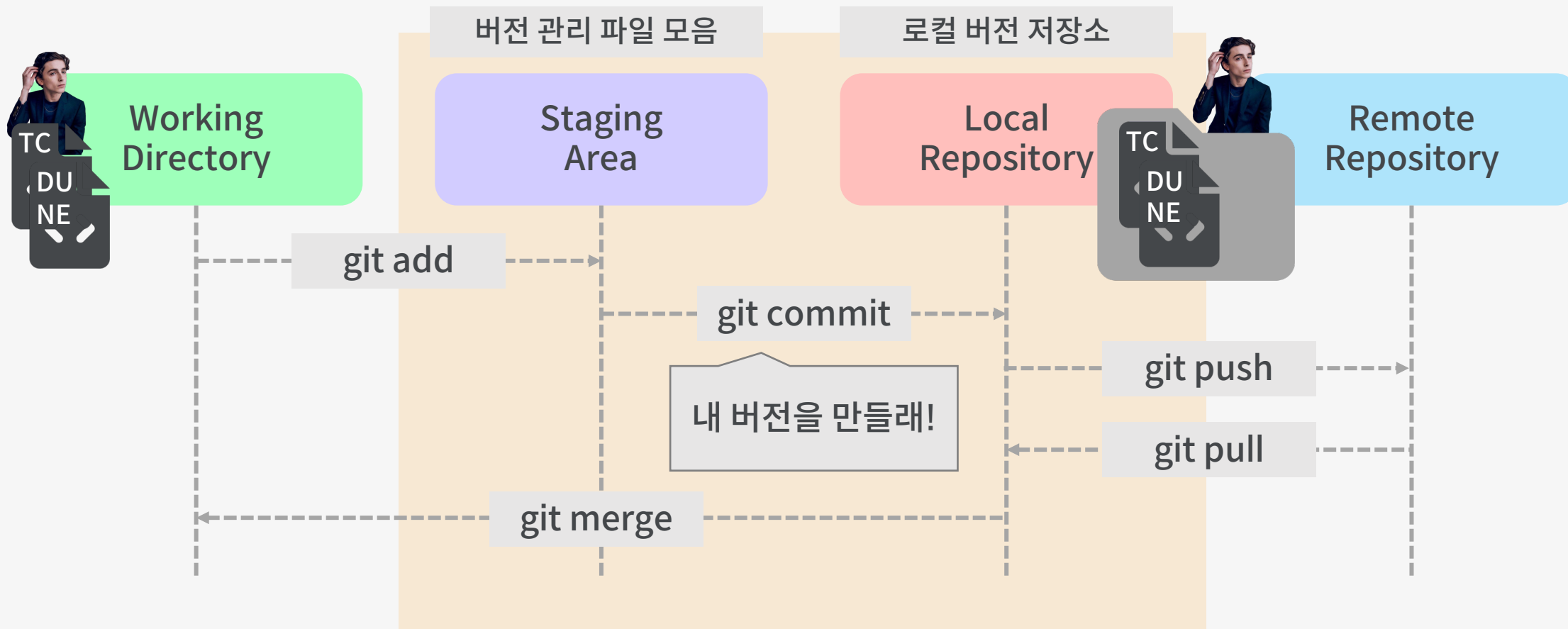


Person A



Person B

# Git 버전 관리 - Person A 관점



## 2 Git 개념

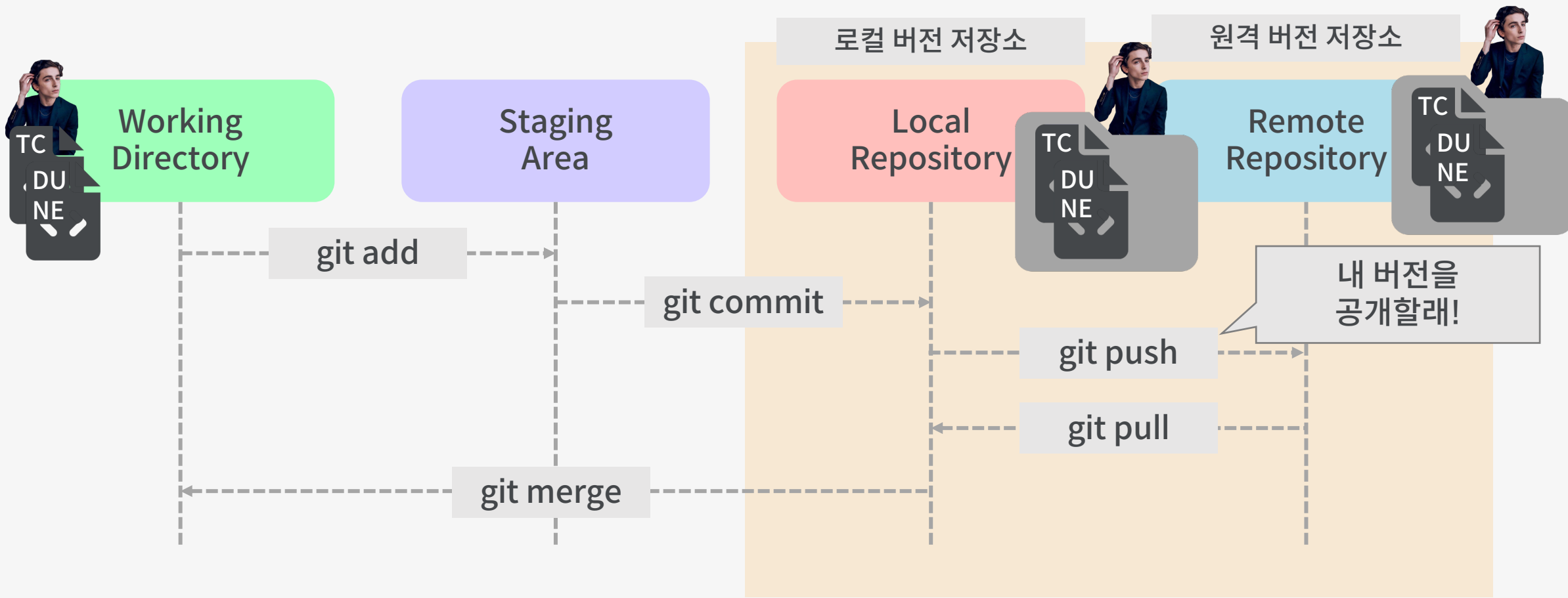


Person A



Person B

# Git 버전 관리 - Person A 관점



## 2 Git 개념

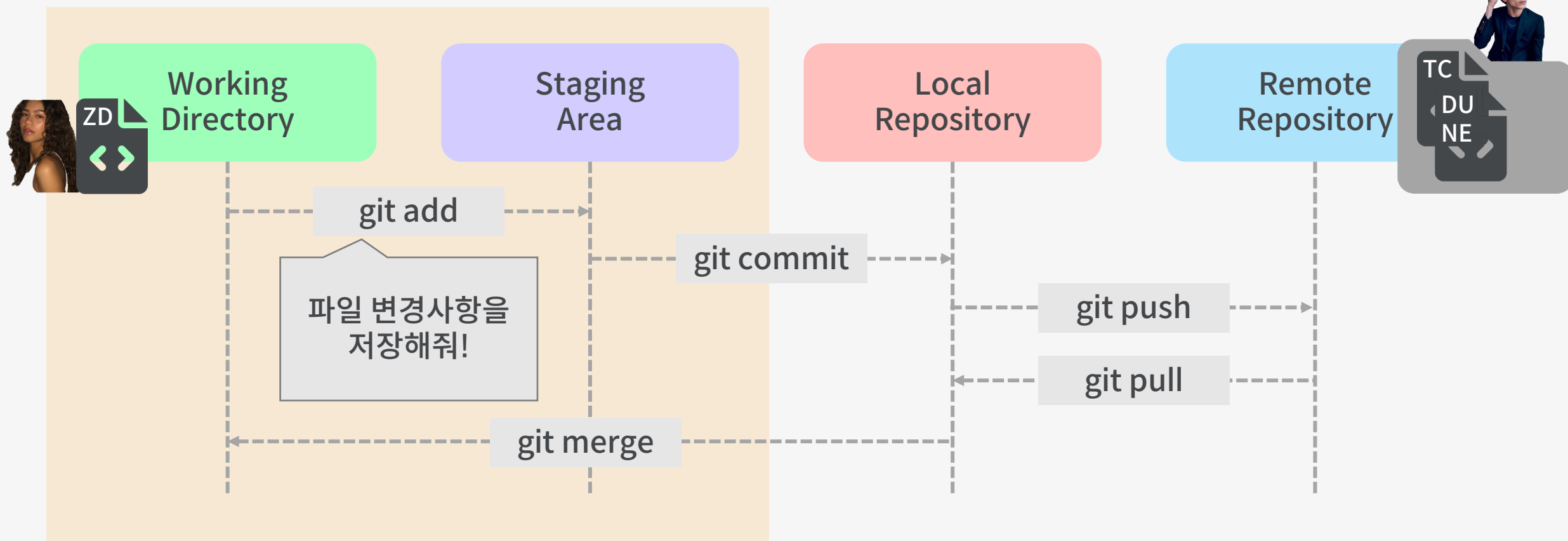


Person A



Person B

# Git 버전 관리 - Person B 관점



## 2 Git 개념

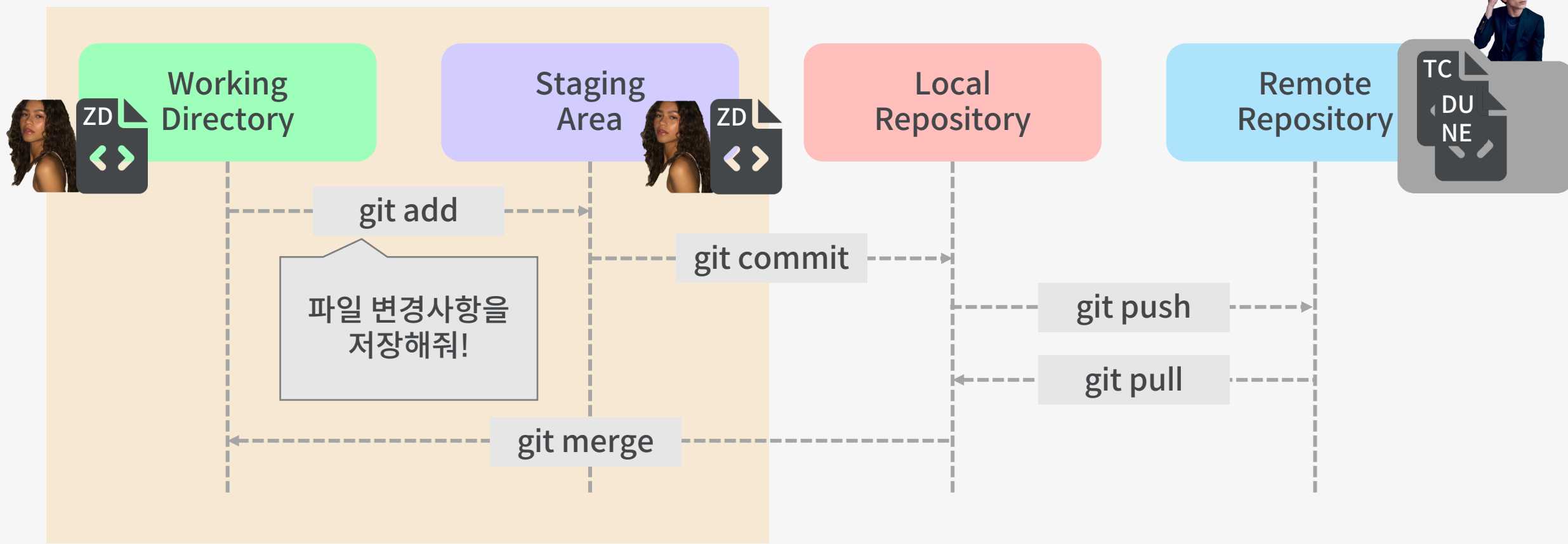


Person A



Person B

# Git 버전 관리 - Person B 관점



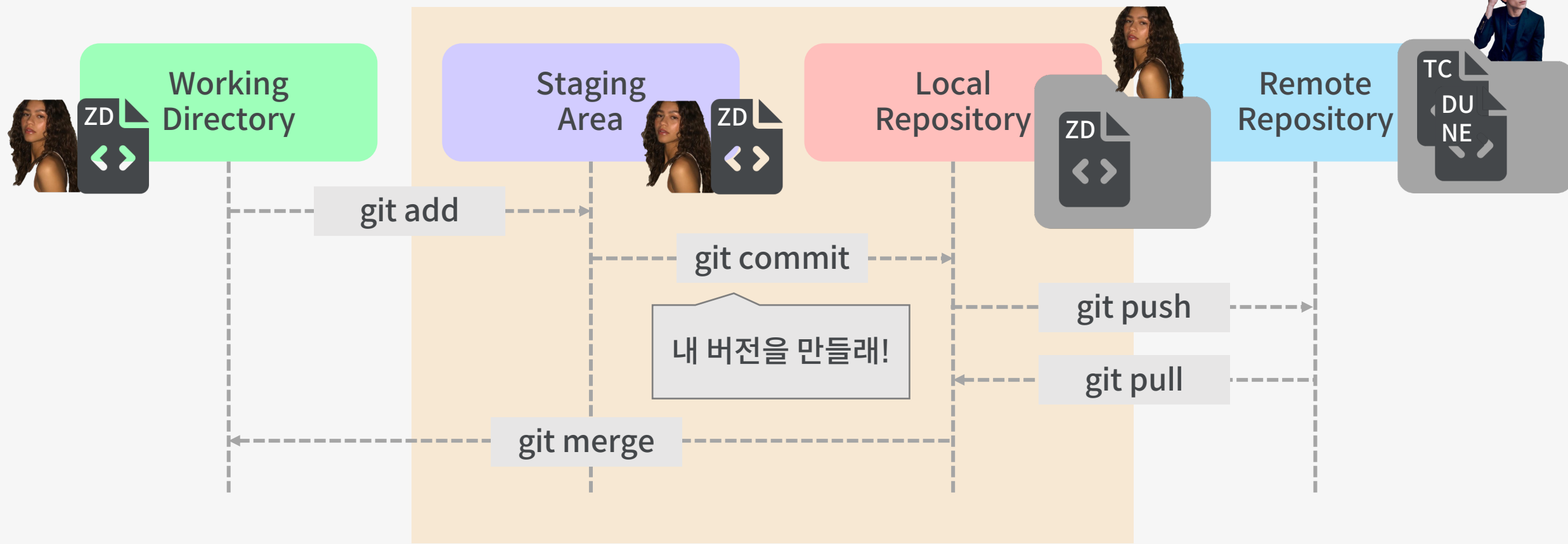


Person A



Person B

# Git 버전 관리 - Person B 관점



## 2 Git 개념

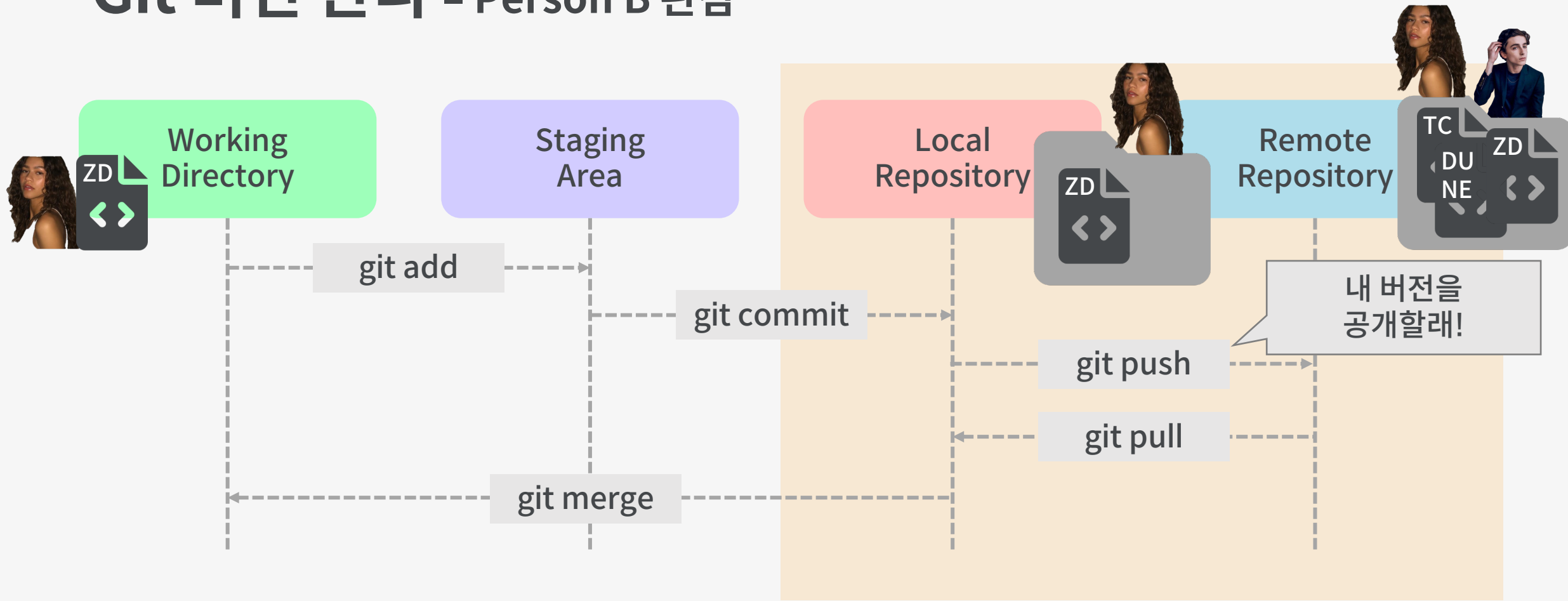
# Git 버전 관리 - Person B 관점



Person A



Person B





## 2 Git 개념

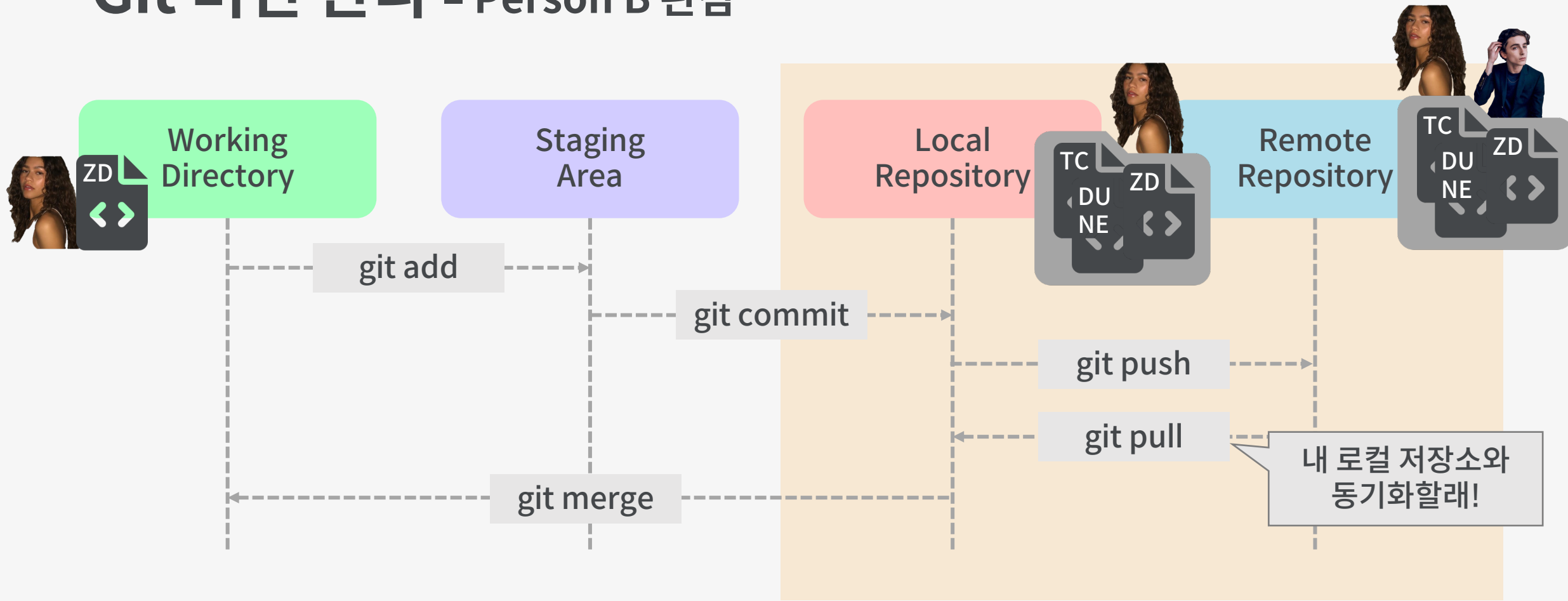
# Git 버전 관리 - Person B 관점



Person A



Person B



## 2 Git 개념

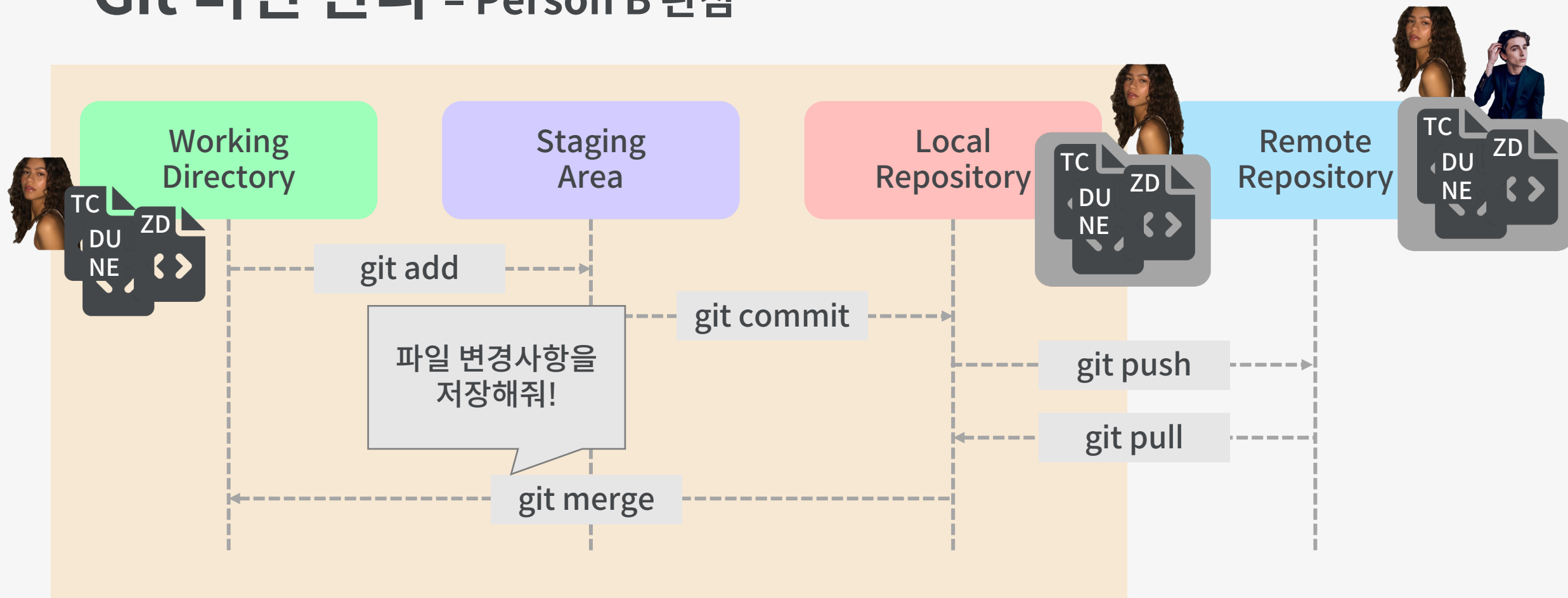


Person A



Person B

# Git 버전 관리 - Person B 관점



## 2 GitHub

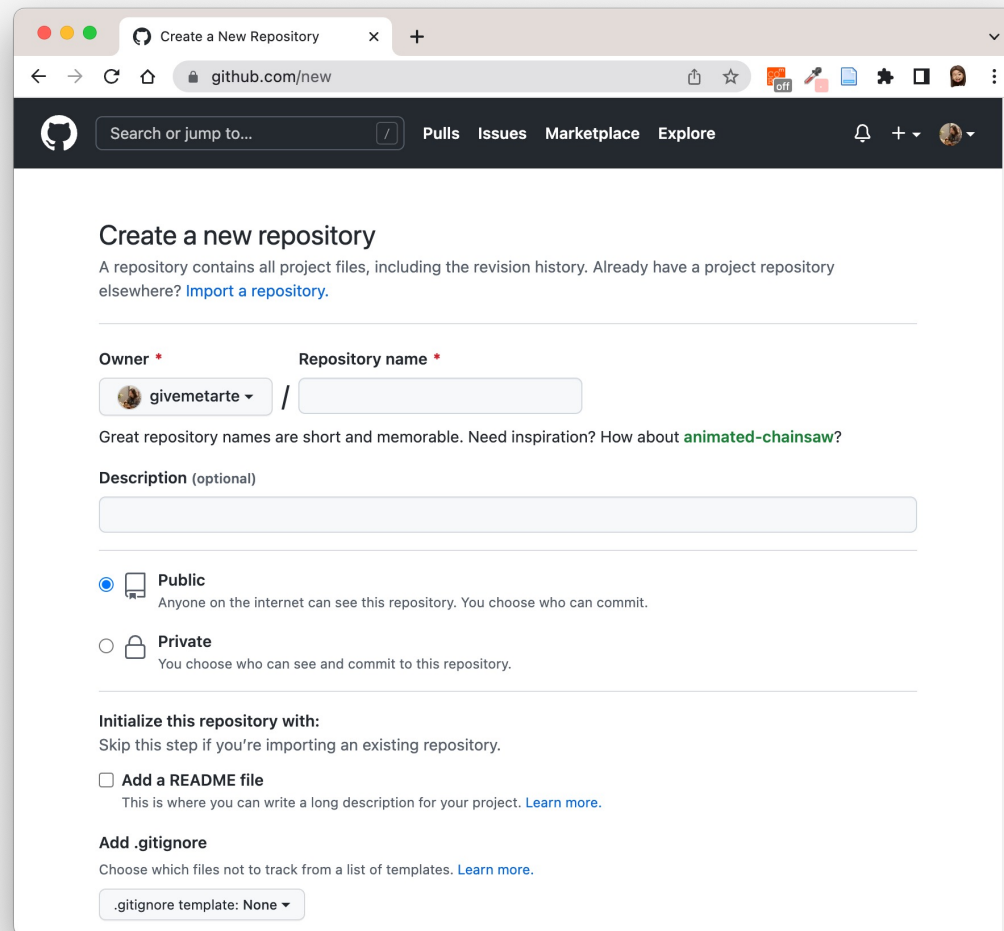
# GitHub이란? Git 기반 원격 저장소를 제공하는 웹 서비스

## GitHub 계정 생성

<https://github.com>

## New Repository 생성할 수 있음

- Public/Private 선택
- README 파일 생성
- .gitignore 파일 생성
- License 선택



The screenshot shows the 'Create a New Repository' page on GitHub. The browser address bar shows 'github.com/new'. The page has a dark header with the GitHub logo, a search bar, and navigation links for Pulls, Issues, Marketplace, and Explore. The main content area is titled 'Create a new repository' and includes a description: 'A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)'

The form fields include:

- Owner \***: A dropdown menu showing 'givemetarte'.
- Repository name \***: An empty text input field.
- Description (optional)**: A large text area for a description.
- Visibility**: Two radio buttons. 'Public' is selected, with the description 'Anyone on the internet can see this repository. You choose who can commit.' 'Private' is unselected, with the description 'You choose who can see and commit to this repository.'
- Initialize this repository with:** A section with the instruction 'Skip this step if you're importing an existing repository.' It includes a checkbox for 'Add a README file' (unchecked) with the note 'This is where you can write a long description for your project. [Learn more.](#)'
- Add .gitignore**: A section with the instruction 'Choose which files not to track from a list of templates. [Learn more.](#)' It includes a dropdown menu for '.gitignore template' currently set to 'None'.

### 3 실습

# Git 설치하기 - For Window

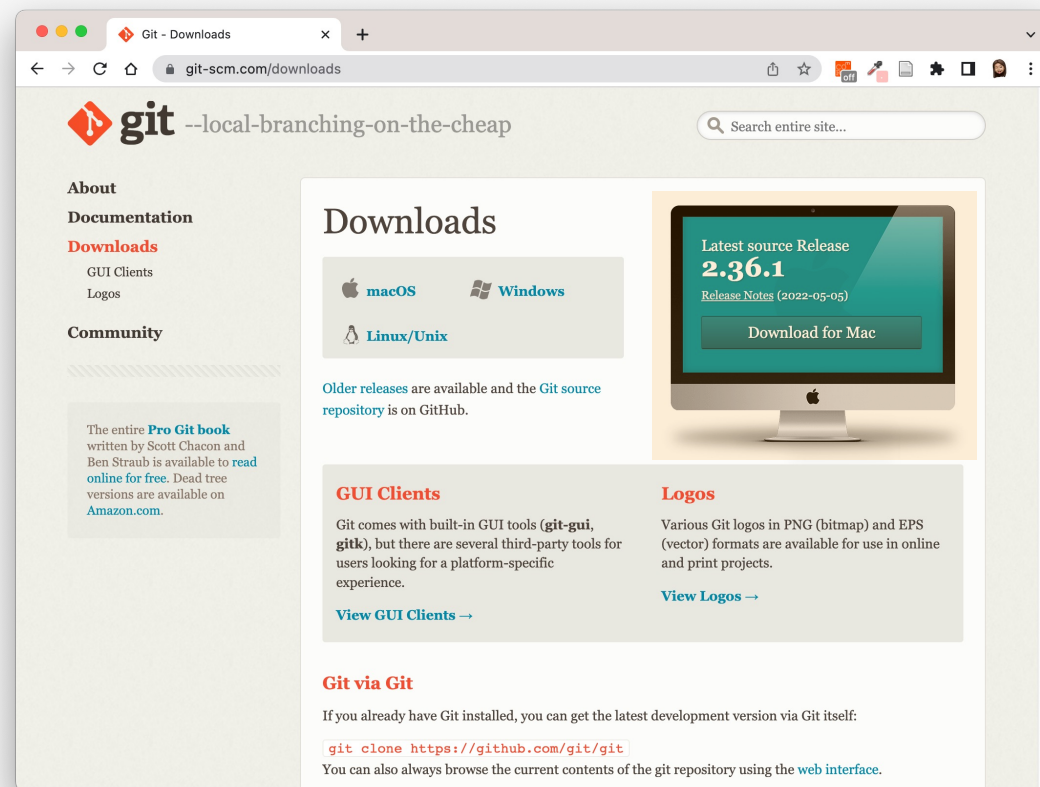
다운로드 링크

<https://git-scm.com/downloads>

위의 링크 접속 후 Git Latest Source Release 다운로드  
추가 설정 없이 설치 가능

설치 참고 링크

<https://taewow.tistory.com/13>



### 3 실습

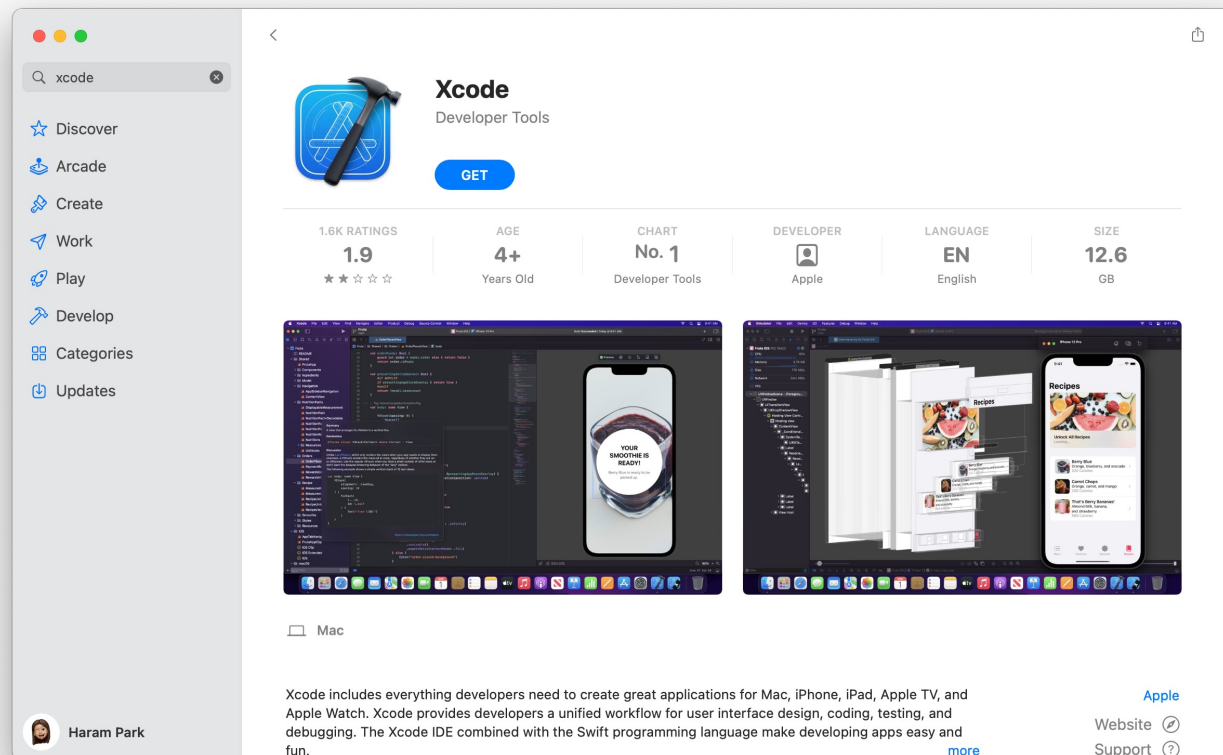
# Git 설치하기 - For Mac

1) Homebrew가 설치된 경우

터미널에서 `brew install git` 입력

2) Homebrew가 없는 경우

애플 앱스토어에서 Xcode 설치



### 3 실습

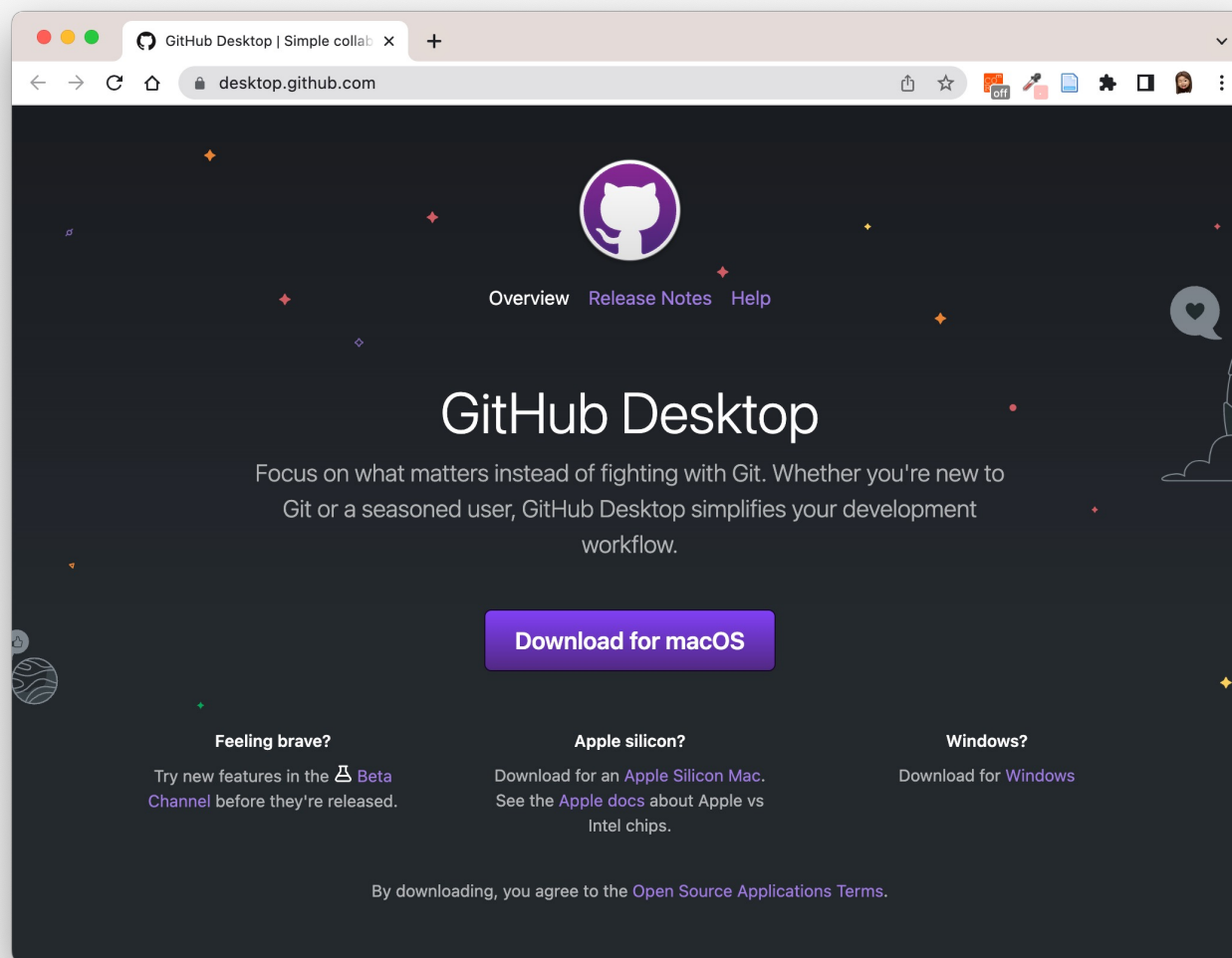
# GitHub Desktop 설치하기

다운로드 링크

<https://desktop.github.com/>

MacOS라면 Download for macOS 선택

Window라면 Download for Windows 선택



### 3 실습

## 실습과제

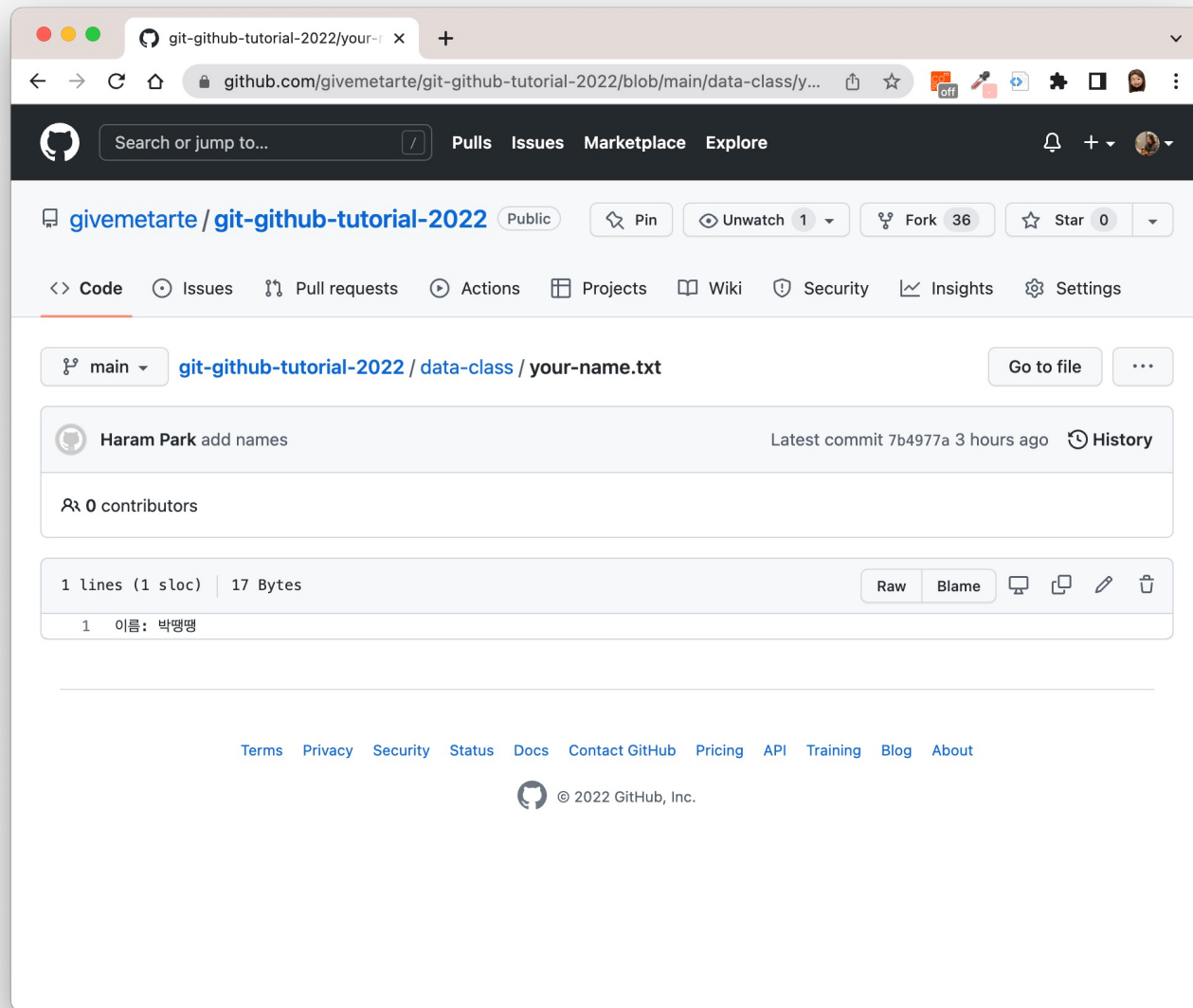
GitHub Desktop으로 깃헙 레포지토리에  
공개된 파일 수정하기

① 해당 레포지토리 git clone 하기

<https://github.com/givemetarte/git-github-tutorial-2022>

② data-class 폴더 안의 your-name.txt  
파일 제목과 내용 변경하기

③ 해당 레포지토리로 업데이트 사항 반영하기



하루만에 끝내는 Git과 GitHub 기초

# Feel free to ask questions at any point!

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막히는 부분은 언제든지 질문해주세요!