Mastering Git

Version Check

Version Check

This training was created by using:

- Git 2.23

Version Check

This course is applicable to:

- Any version of Git

Relevant Notes

If you're on Git 2.24 or later:

- The *switch* and *restore* commands aren't experimental anymore.
- The main branch is often called *main*, not *master*.

Mastering Git

THE FOUR AREAS: INTRODUCTION

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Git Commands

git filter-branch

git diff

git reflog

git push

git revert

git commit

git rerere

git remote

git add

git log

git clean

git init

git bisect

git help

git branch

git grep

git pull

git rm

git clone

git cherry-pick

git status

git merge

git rebase

git config

git mv

git checkout

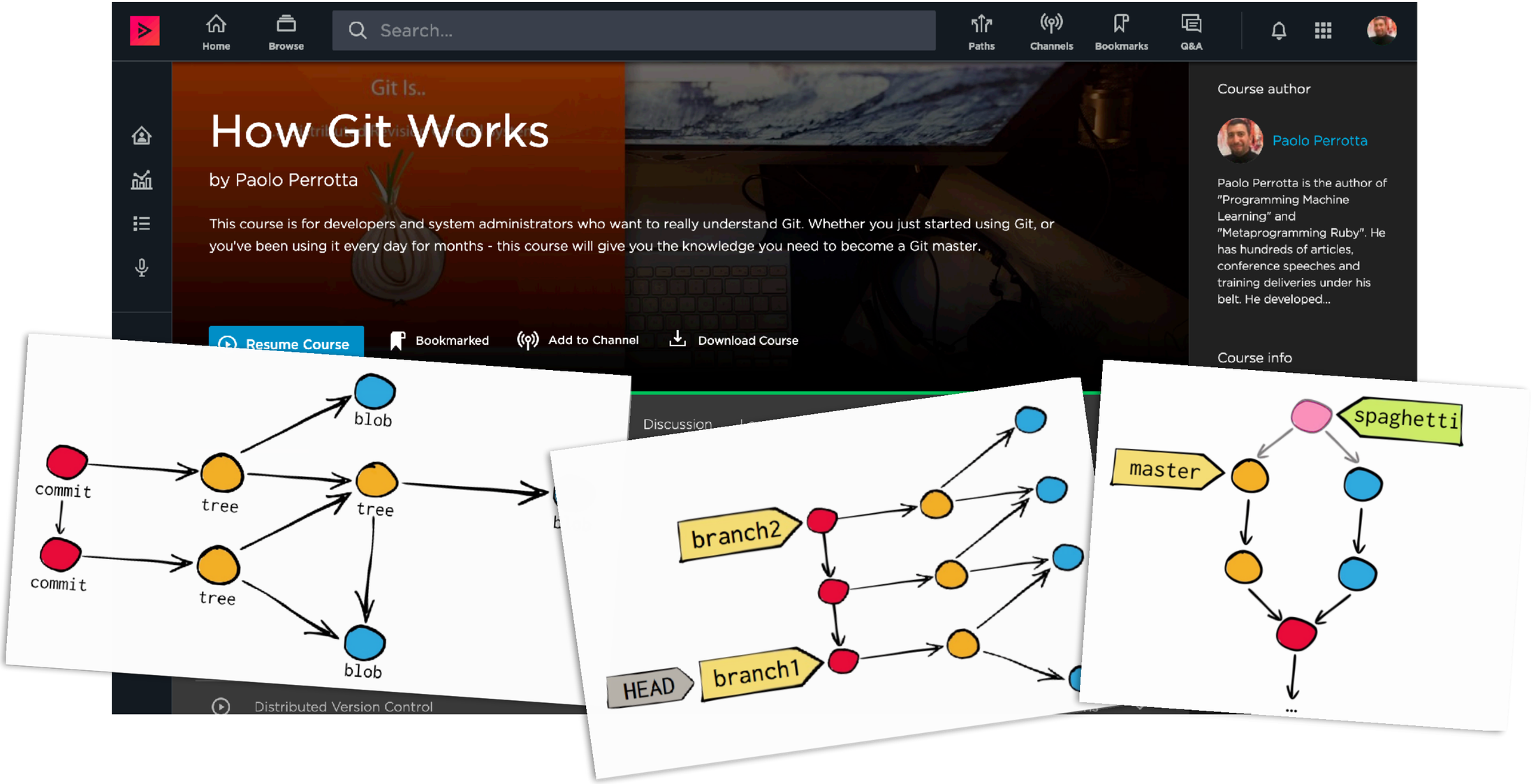
git reset

git blame

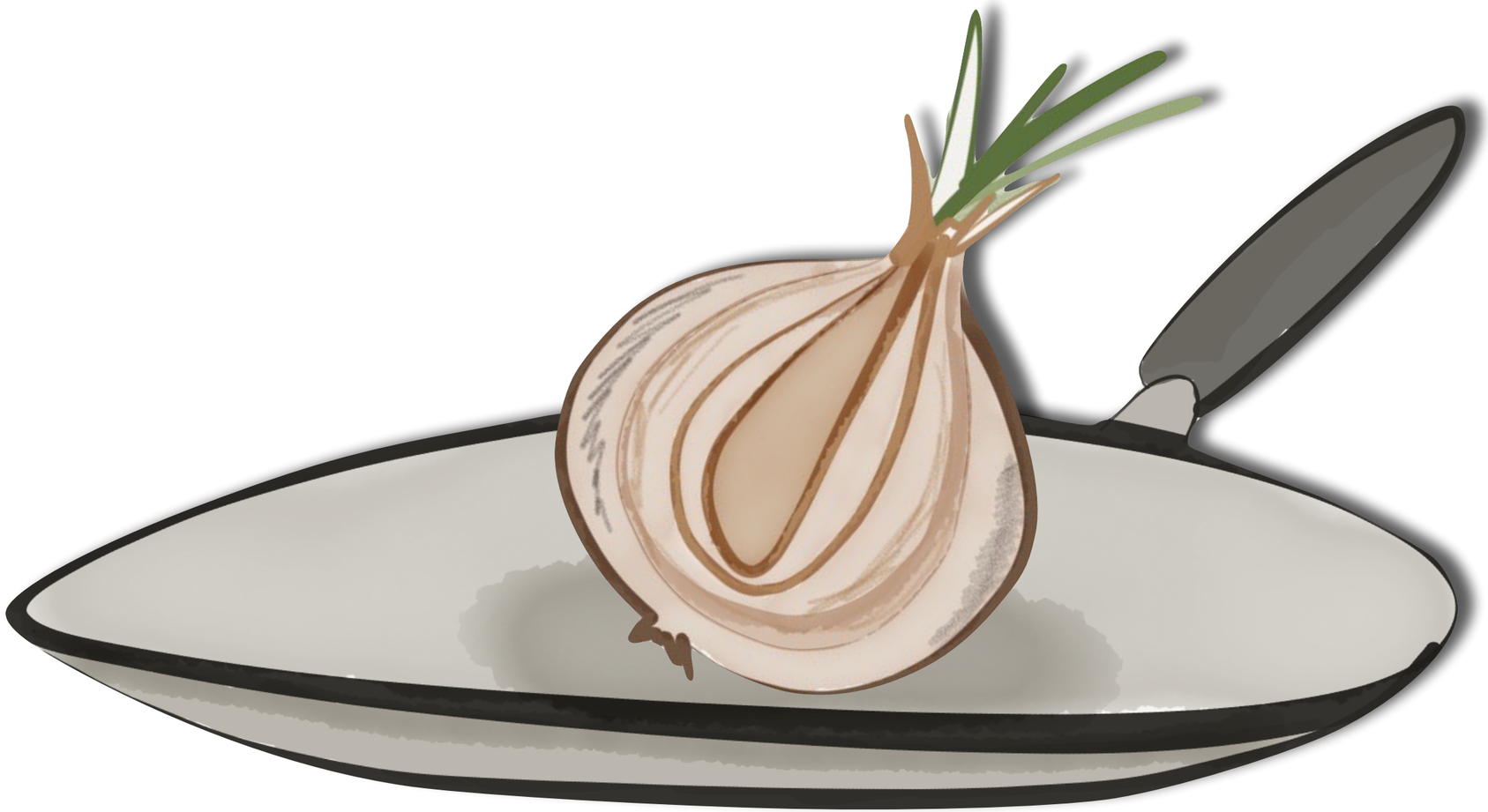
git fetch

We will focus on the Git
“way of thinking”.

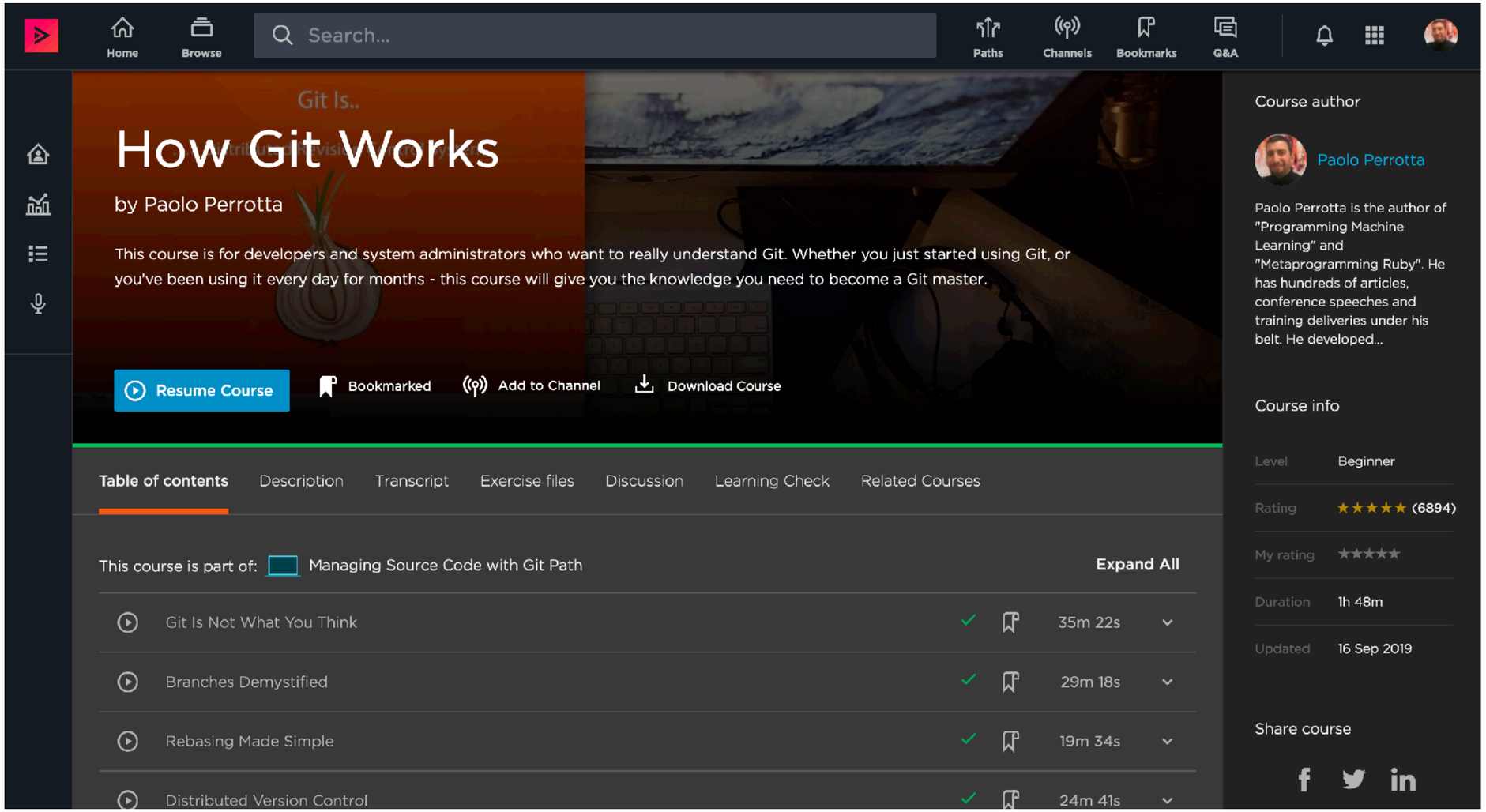
The Previous Training



The “Onion” Metaphor



The Previous Training (Again)



Course Overview

The Four Areas

- Introduction
- Basic Workflow
- *git reset*
- Advanced Tools

Managing History

- Exploring the Past
- Fixing Mistakes

Git Workflows

- Finding Your Workflow

The Command Line

The Four Areas

The Two Questions

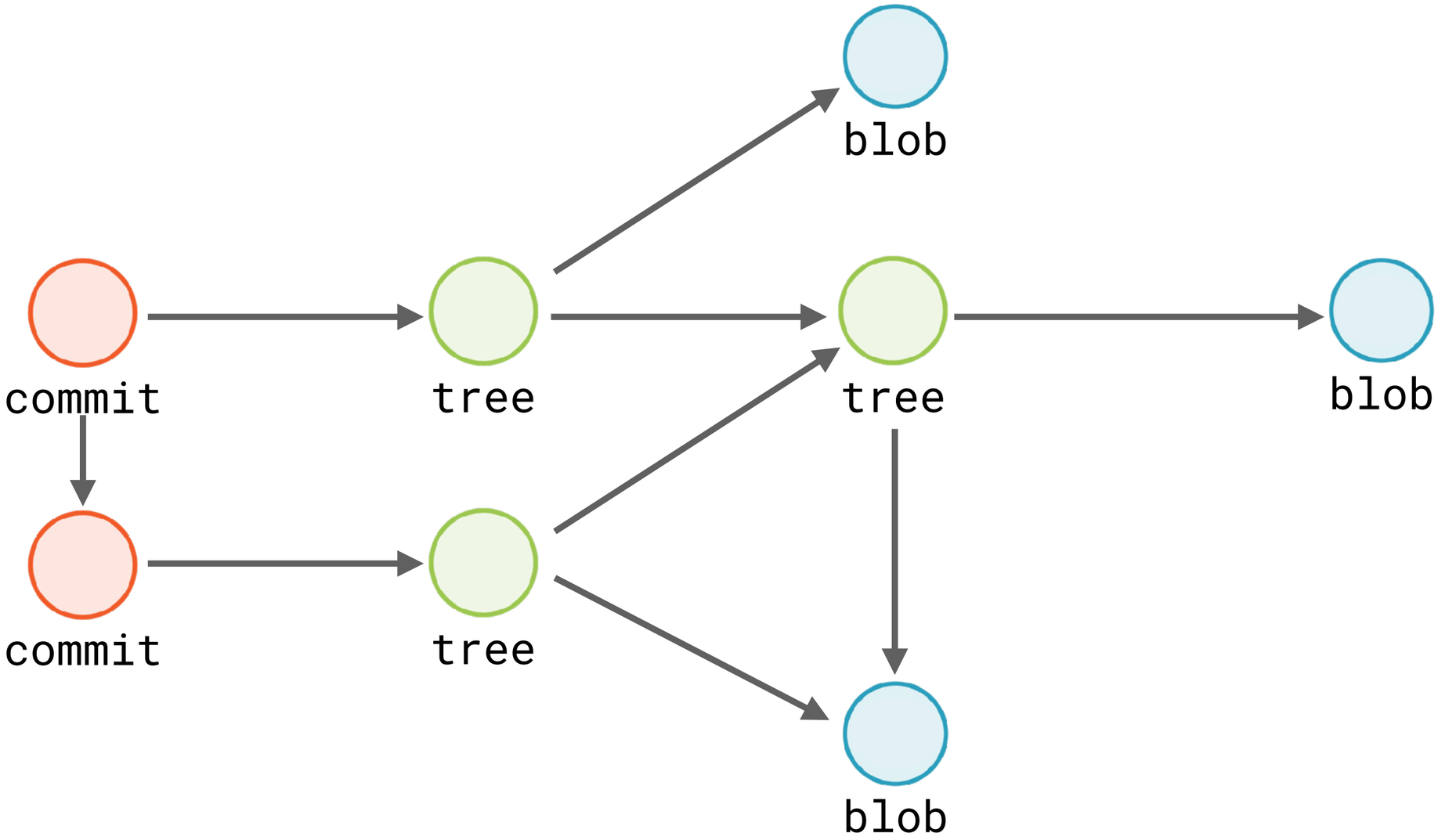
How does this command move information across the Four Areas?

How does this command change the Repository?

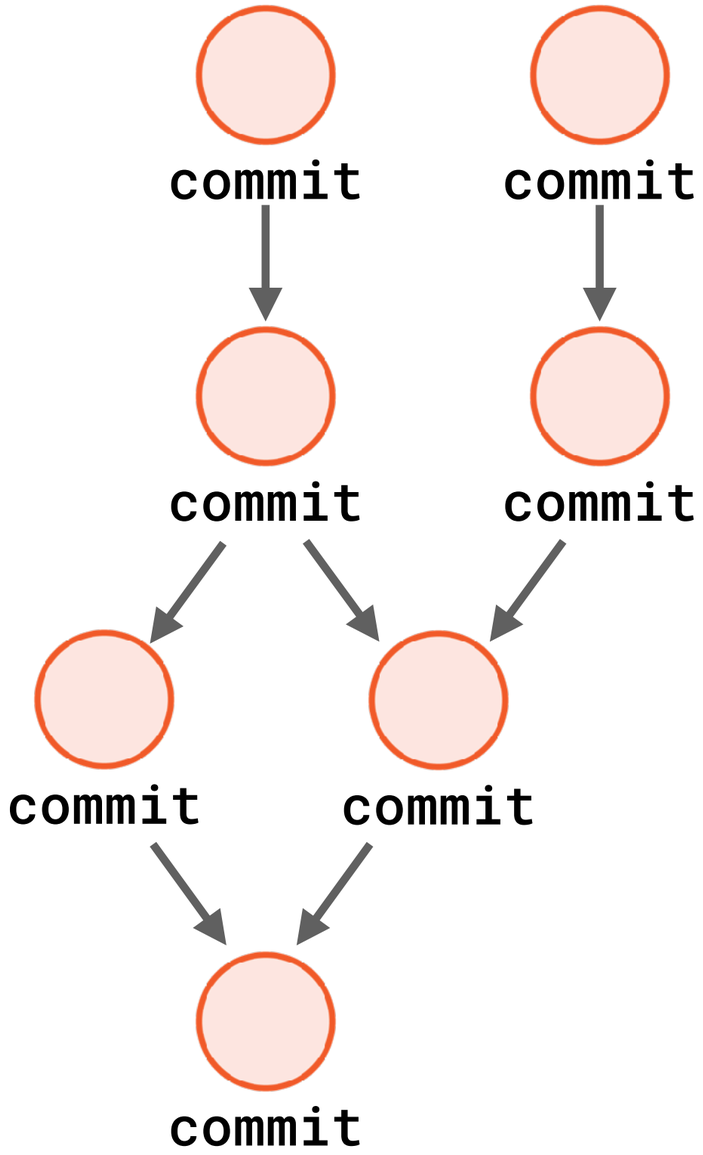
The Three Main Areas

If you have trouble following this section, then watch “How Git Works” first.

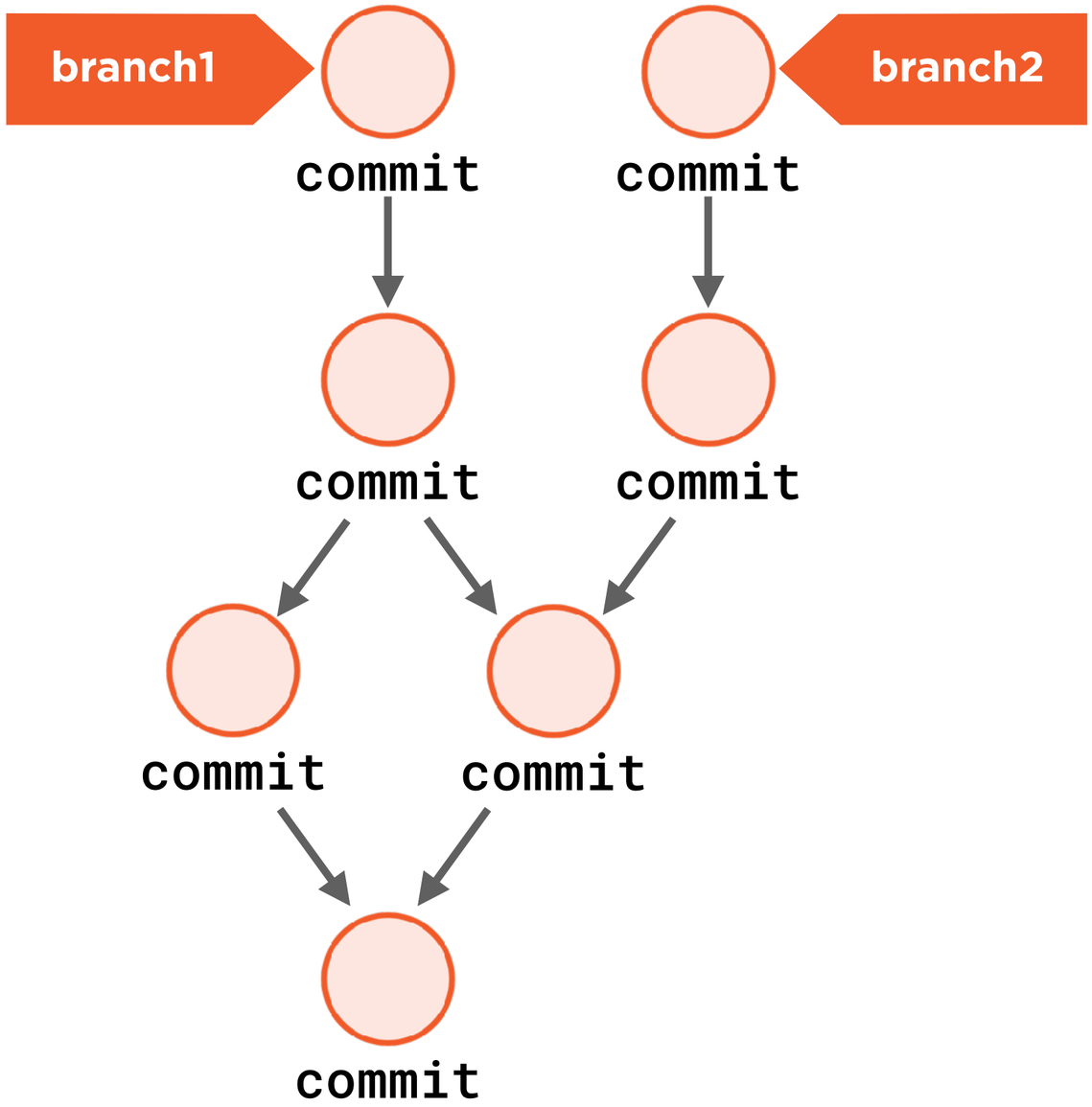
The Project History



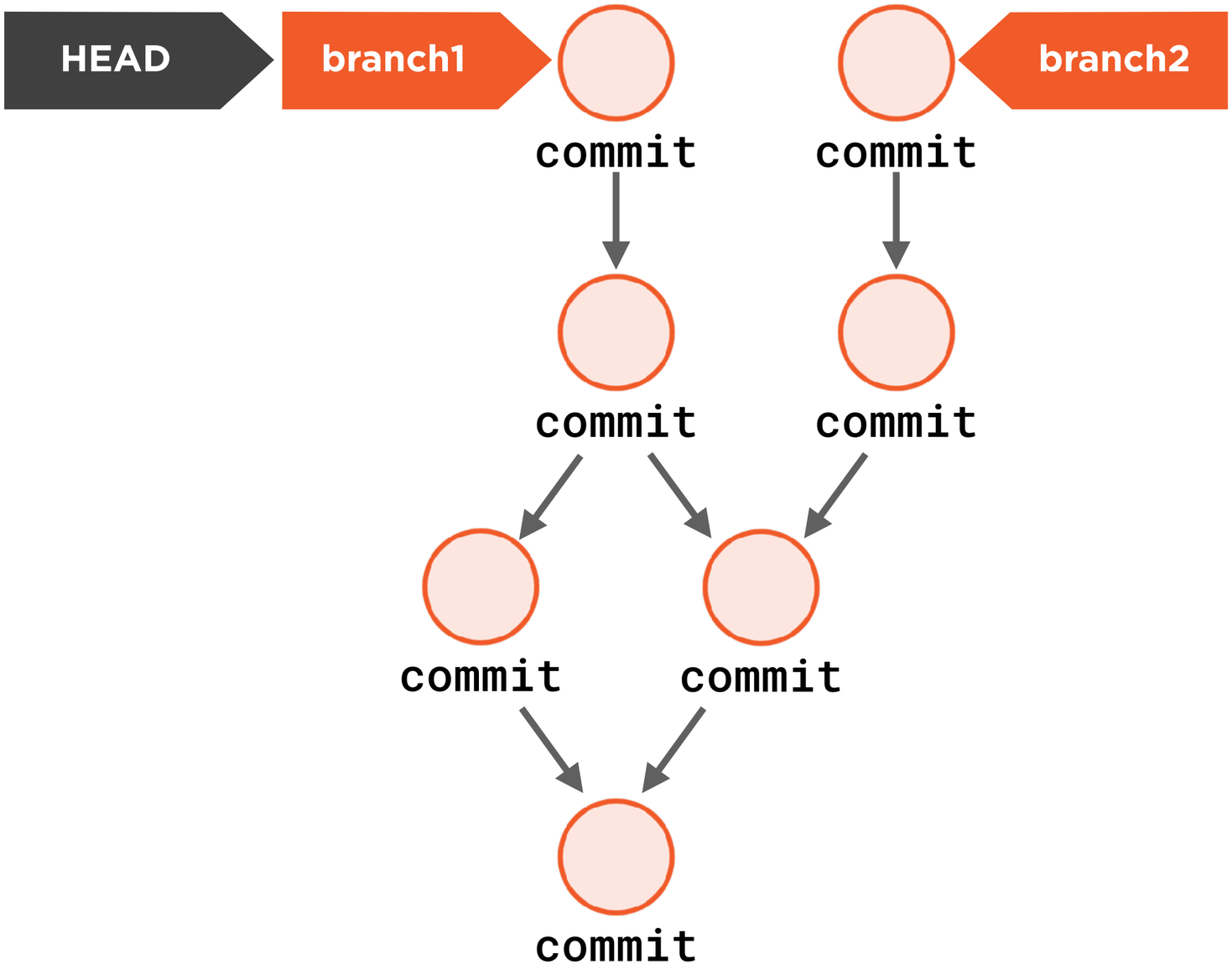
Commits



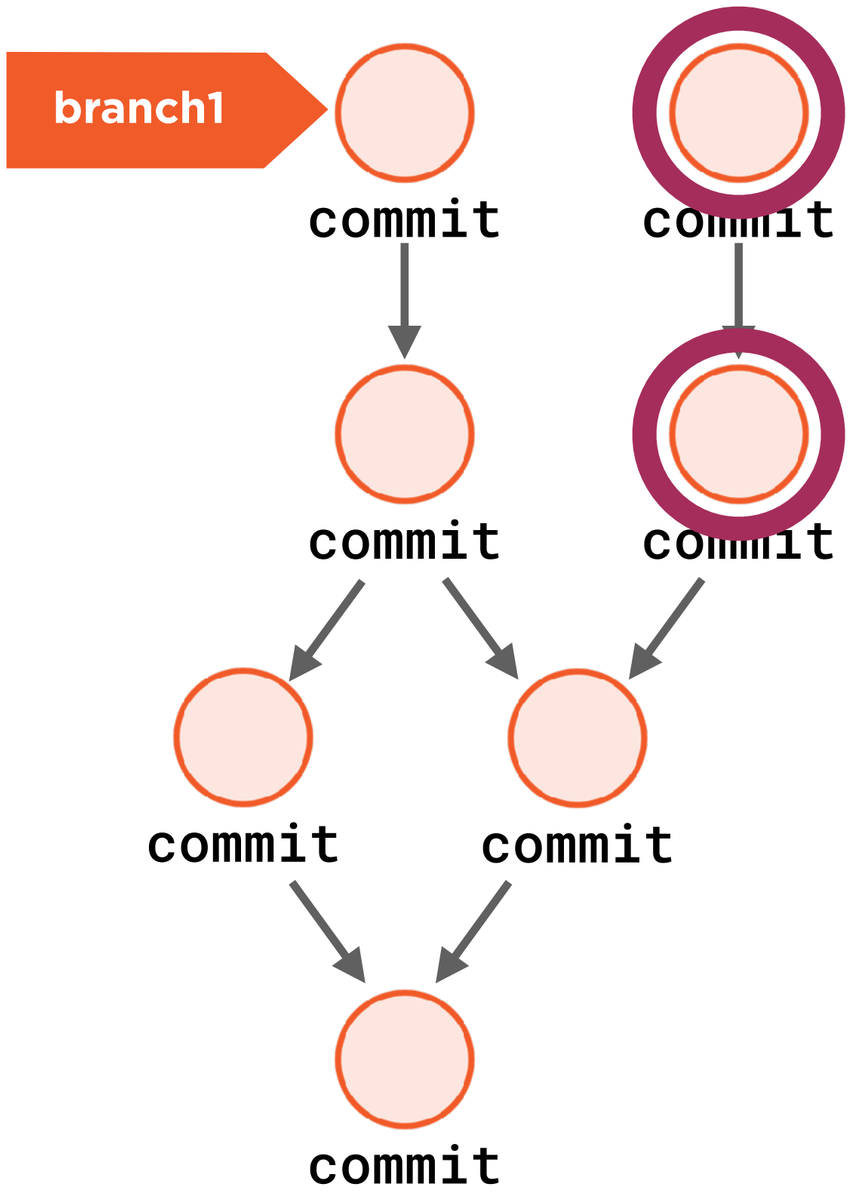
Branches


branch1
branch2
commit
commit
commit
commit
commit
commit
commit

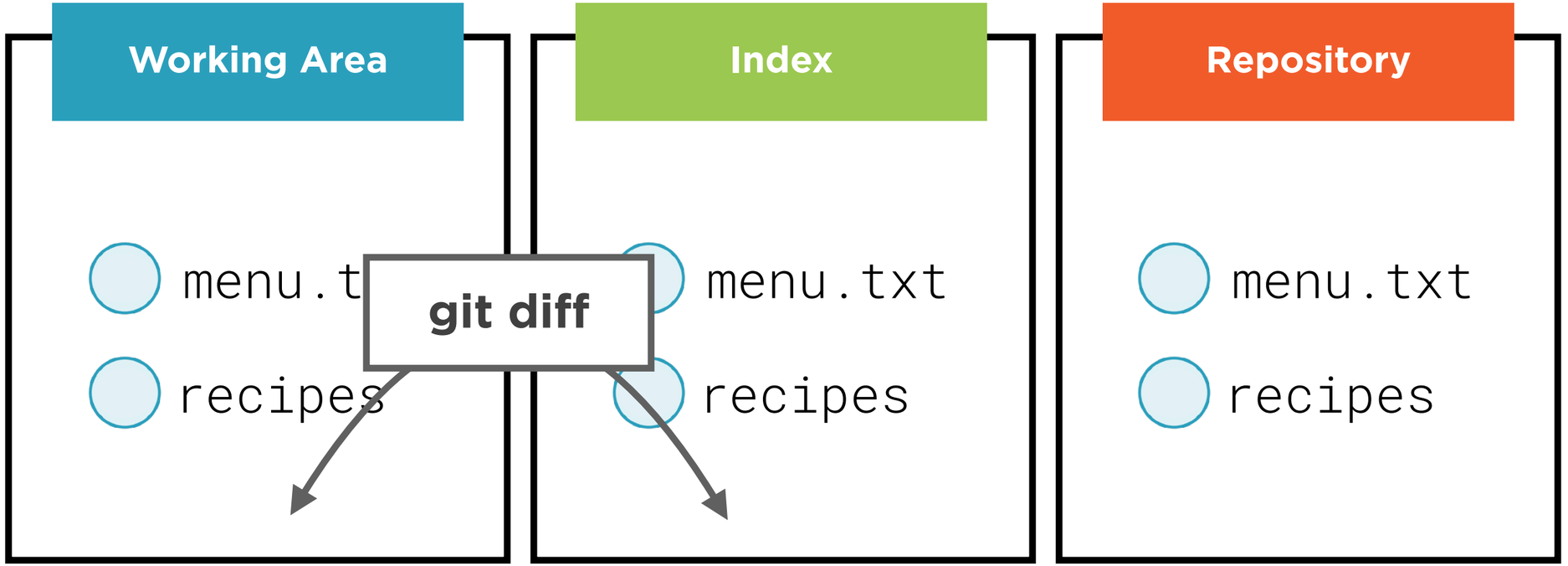
HEAD and the Current Commit

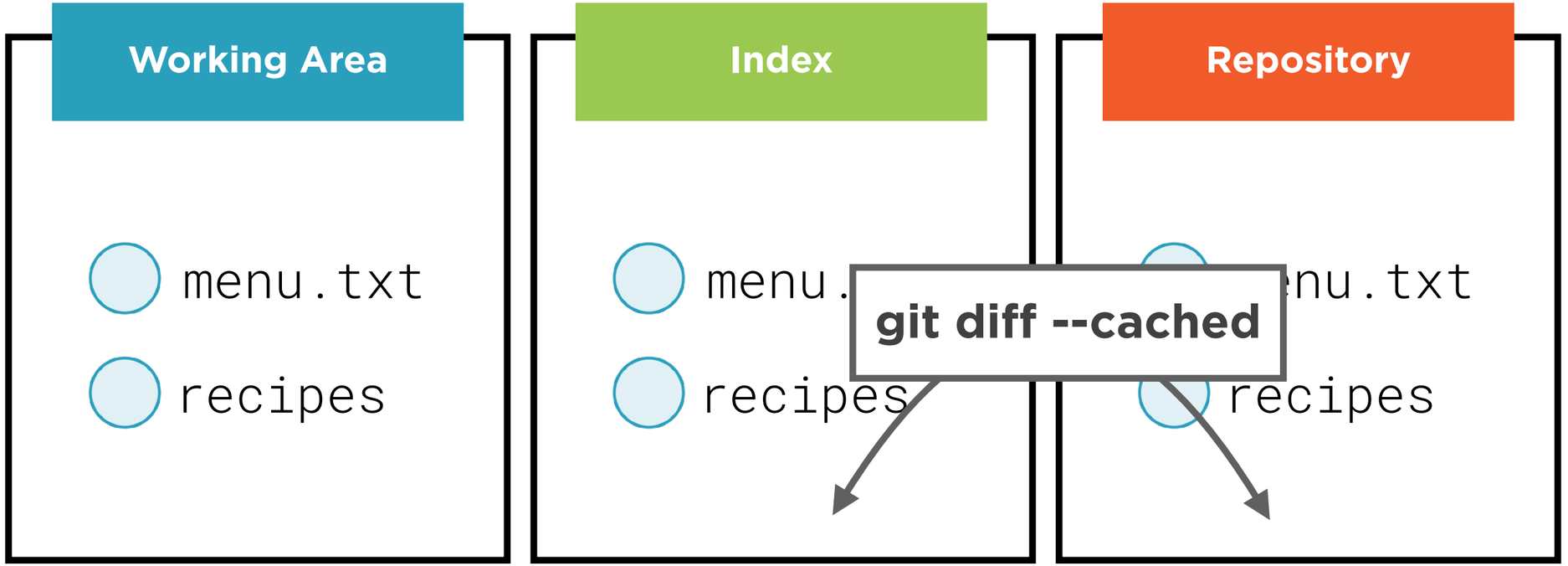


Unreachable Commits



If you could follow this recap, then move on with this training.


Working Area
Index
Repository
menu.t
recipes
git diff
menu.txt
recipes
menu.txt
recipes


Working Area
Index
Repository
menu.txt
recipes
menu.
recipes
nu.txt
recipes
git diff --cached