



WorkshopPLUS: Azure DevOps Essentials – Git

Migrating from TFVC to Git

Microsoft Services

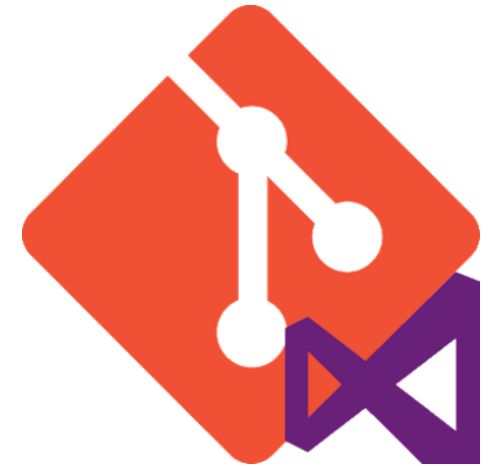


Module Overview

- Paradigm Shift
- Git Commands vs TFVC commands

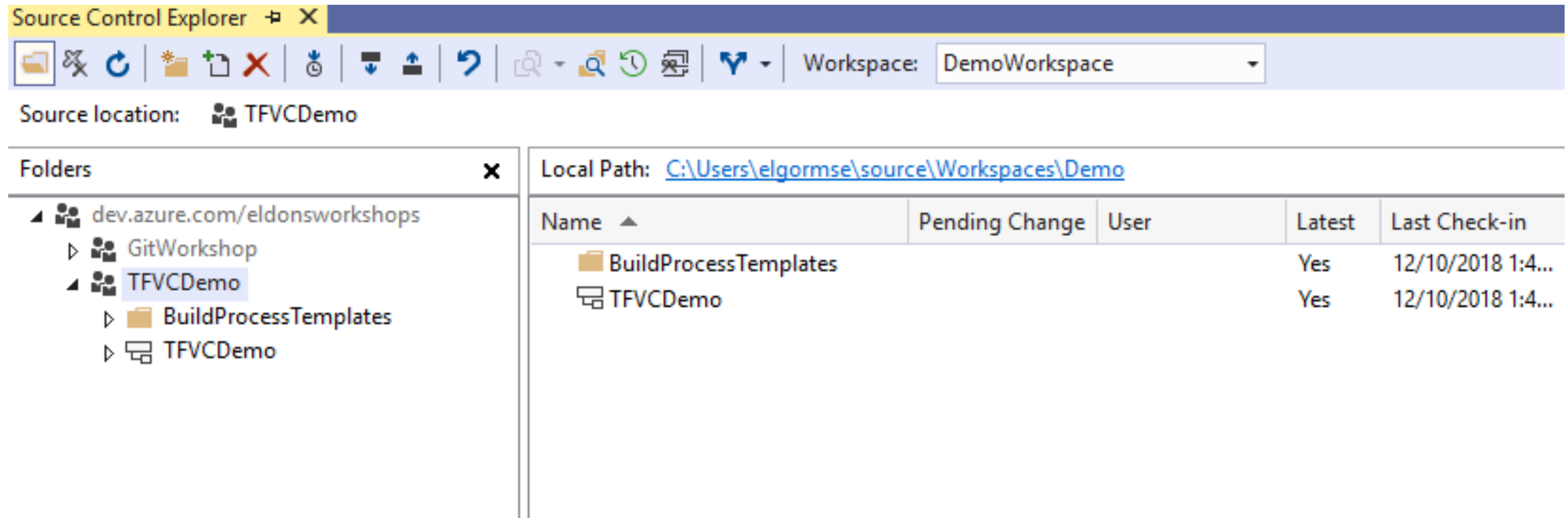
Paradigm Shift

- Git not initially intuitive when coming from TFVC
- Everything starts local
- A Branch is a pointer



Git Commands vs TFVC commands

- TFVC Uses Workspaces

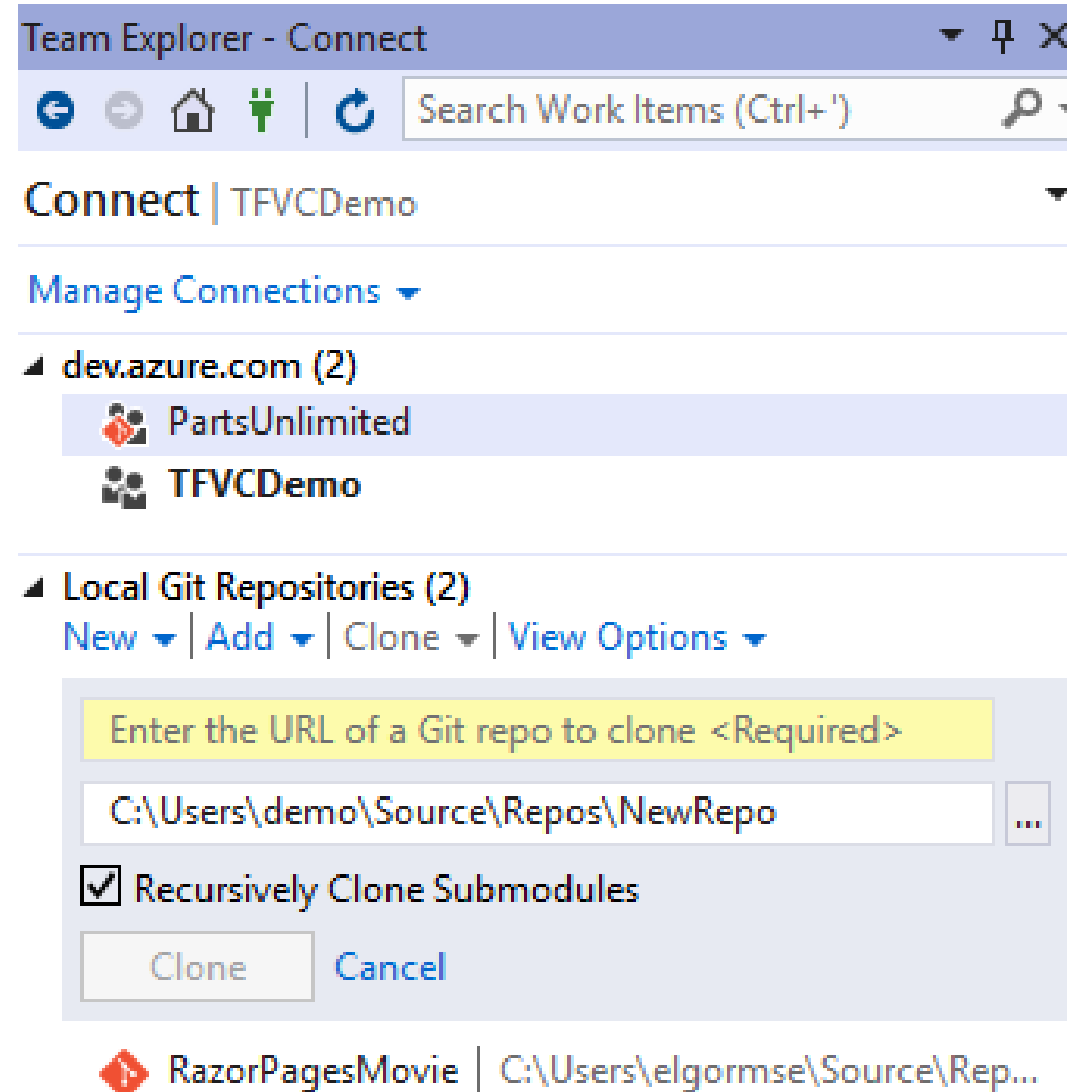


The screenshot shows the Source Control Explorer window. The title bar is "Source Control Explorer". The toolbar includes icons for file operations and source control. The "Workspace:" dropdown is set to "DemoWorkspace". The "Source location:" is "TFVCDemo". The "Folders" pane on the left shows a tree view of the source control structure. The "Local Path:" is "C:\Users\elgormse\source\Workspaces\Demo". The main pane displays a table of files and folders in the workspace.

Name	Pending Change	User	Latest	Last Check-in
BuildProcessTemplates			Yes	12/10/2018 1:4...
TFVCDemo			Yes	12/10/2018 1:4...

Workspaces vs Repos

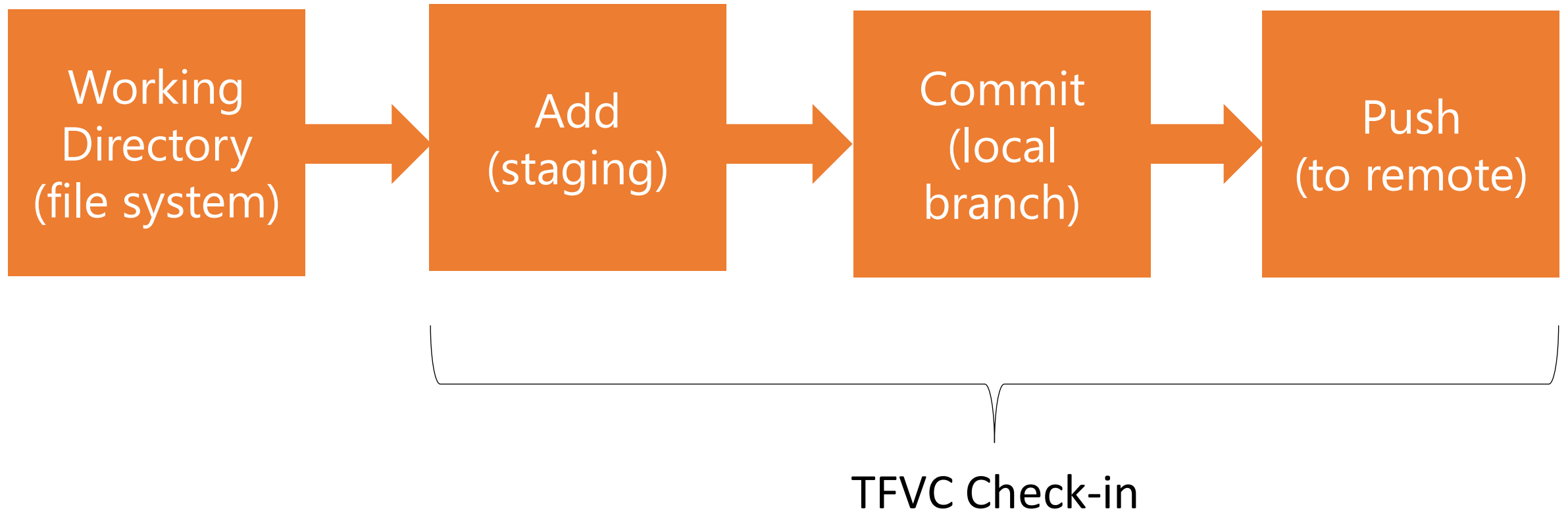
- Git Clones a Repository



Command Mapping

TFVC	Git
Workspace	Repository (Repo)
Switch workspace/branch	Checkout
Get Latest (First time)	Clone
Get Latest (After first time)	Pull
Shelveset	Stash
Rollback	Reset
Check out	n/a
Check in	Commit + Push

Git Lifecycle



Command Mapping

Get Latest

Check In

Pending Changes

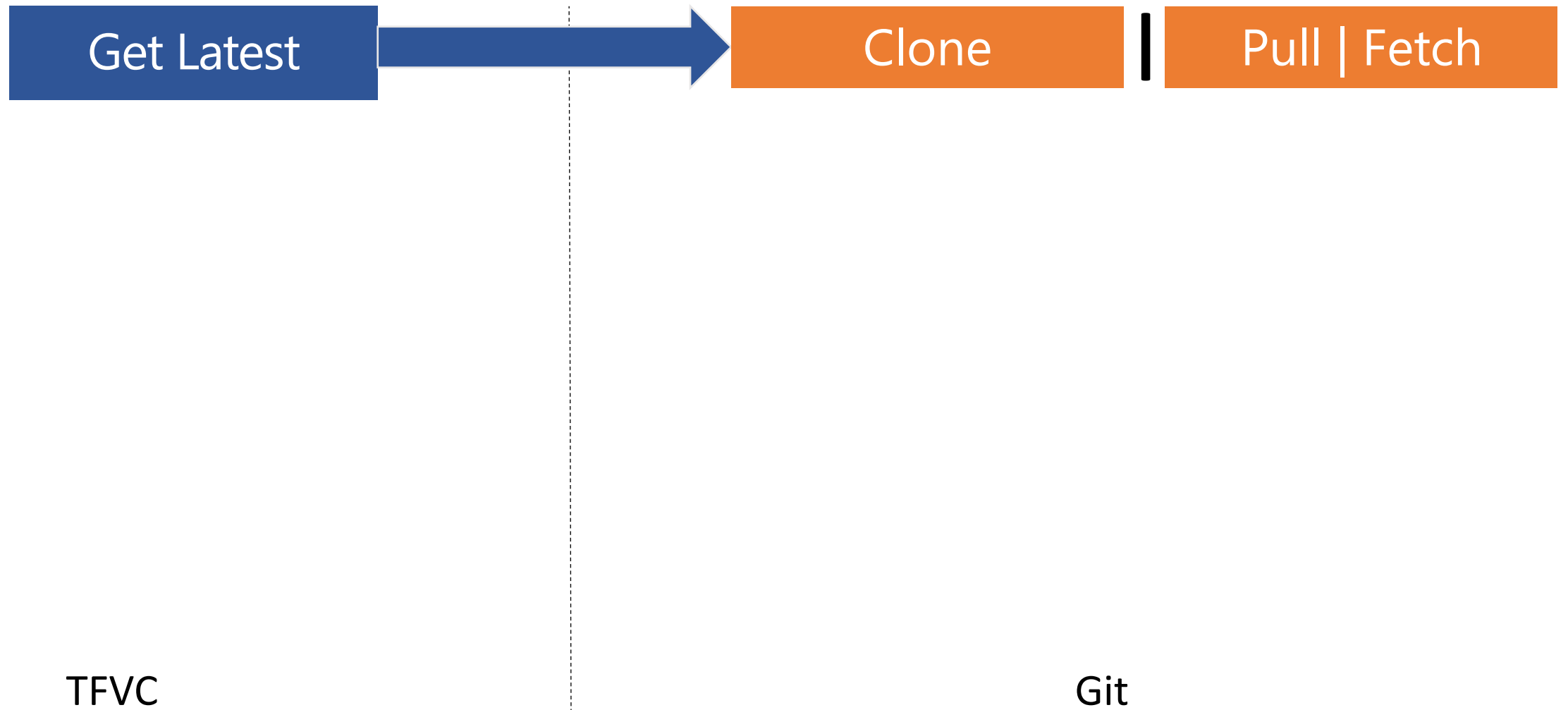
Shelve

Rollback

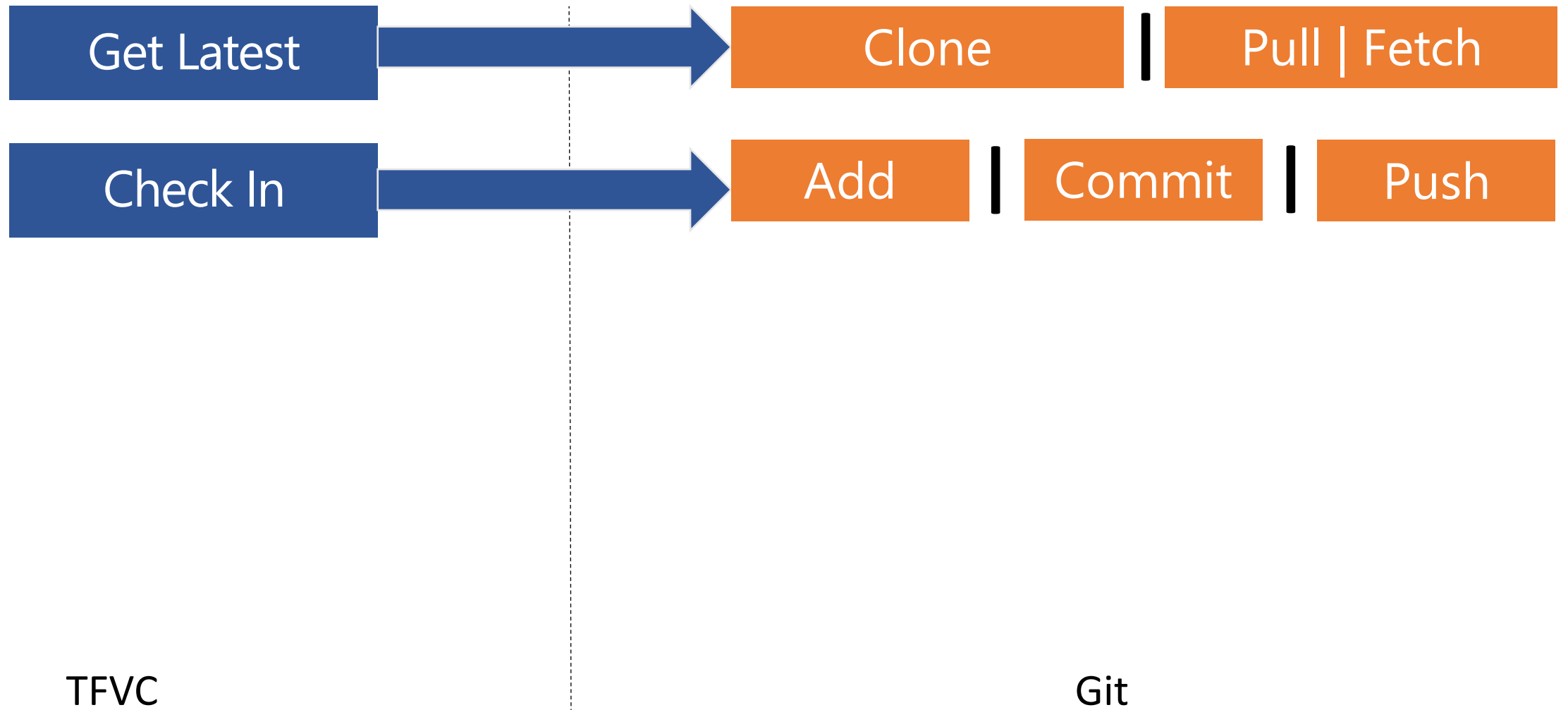
TFVC

Git

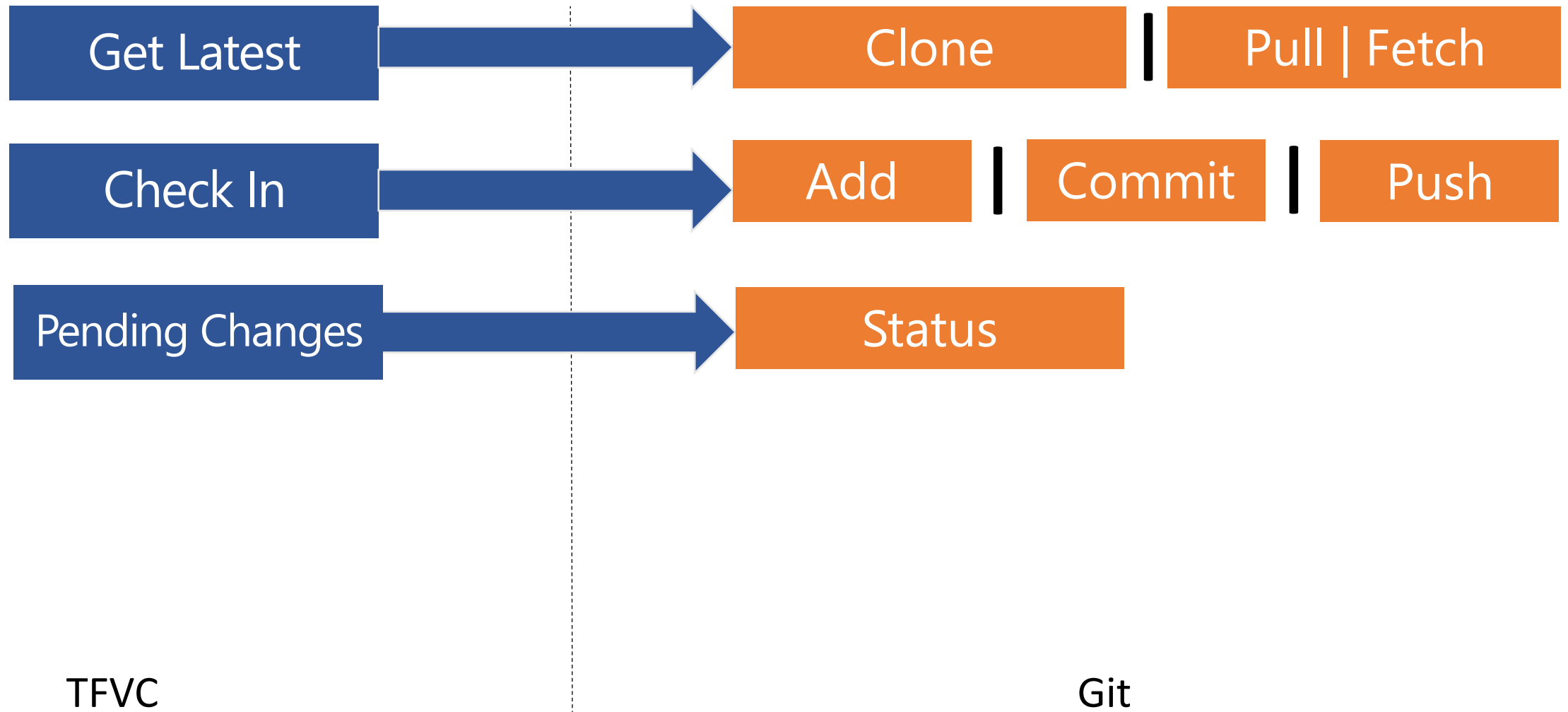
Command Mapping



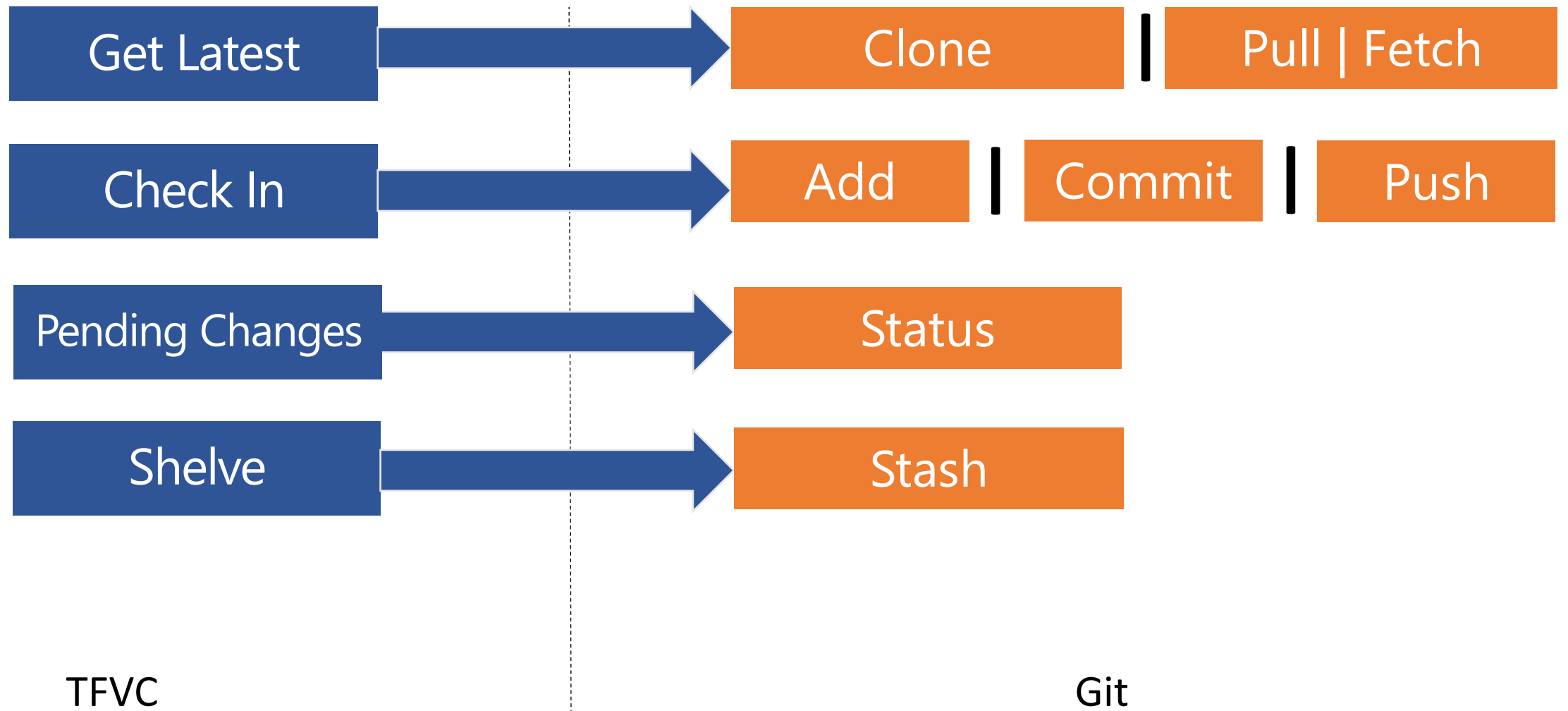
Command Mapping



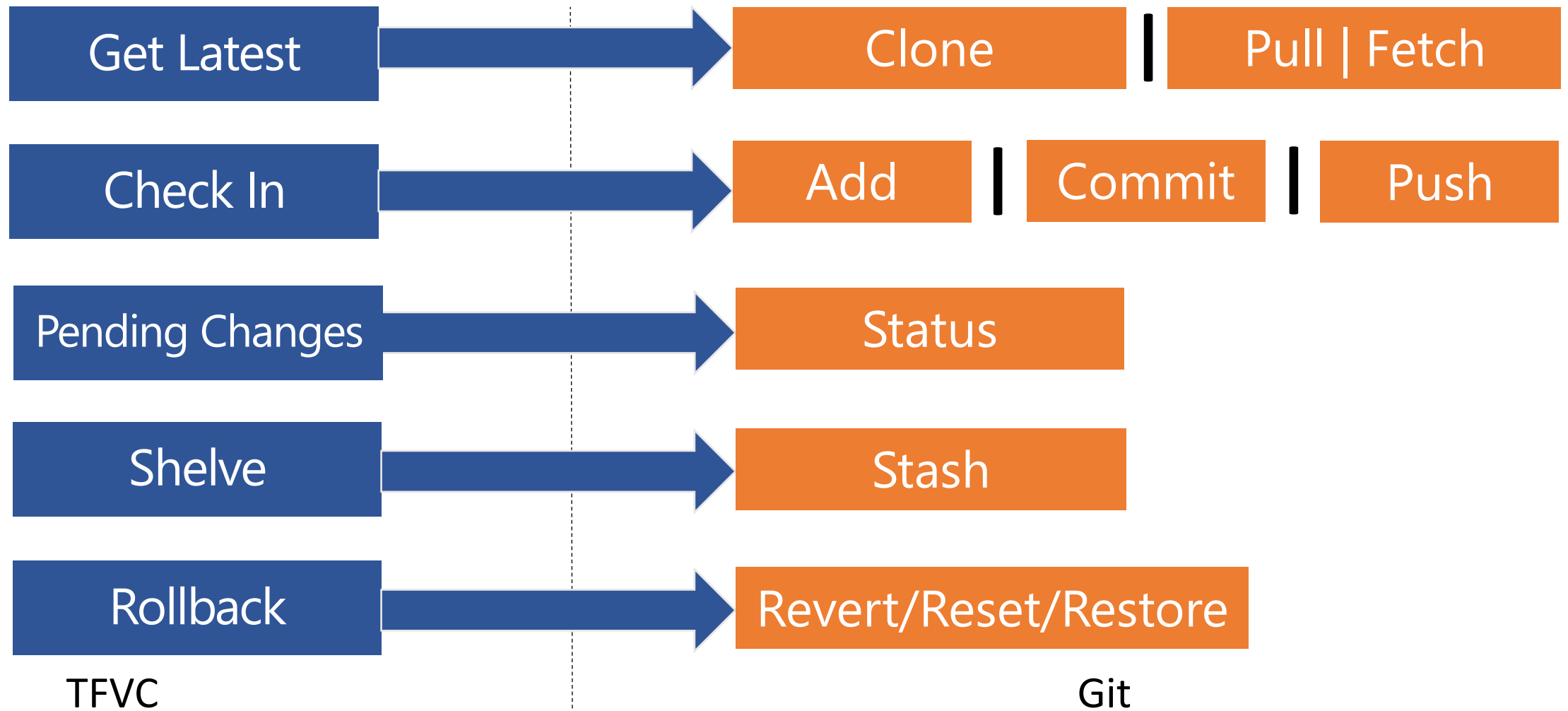
Command Mapping



Command Mapping

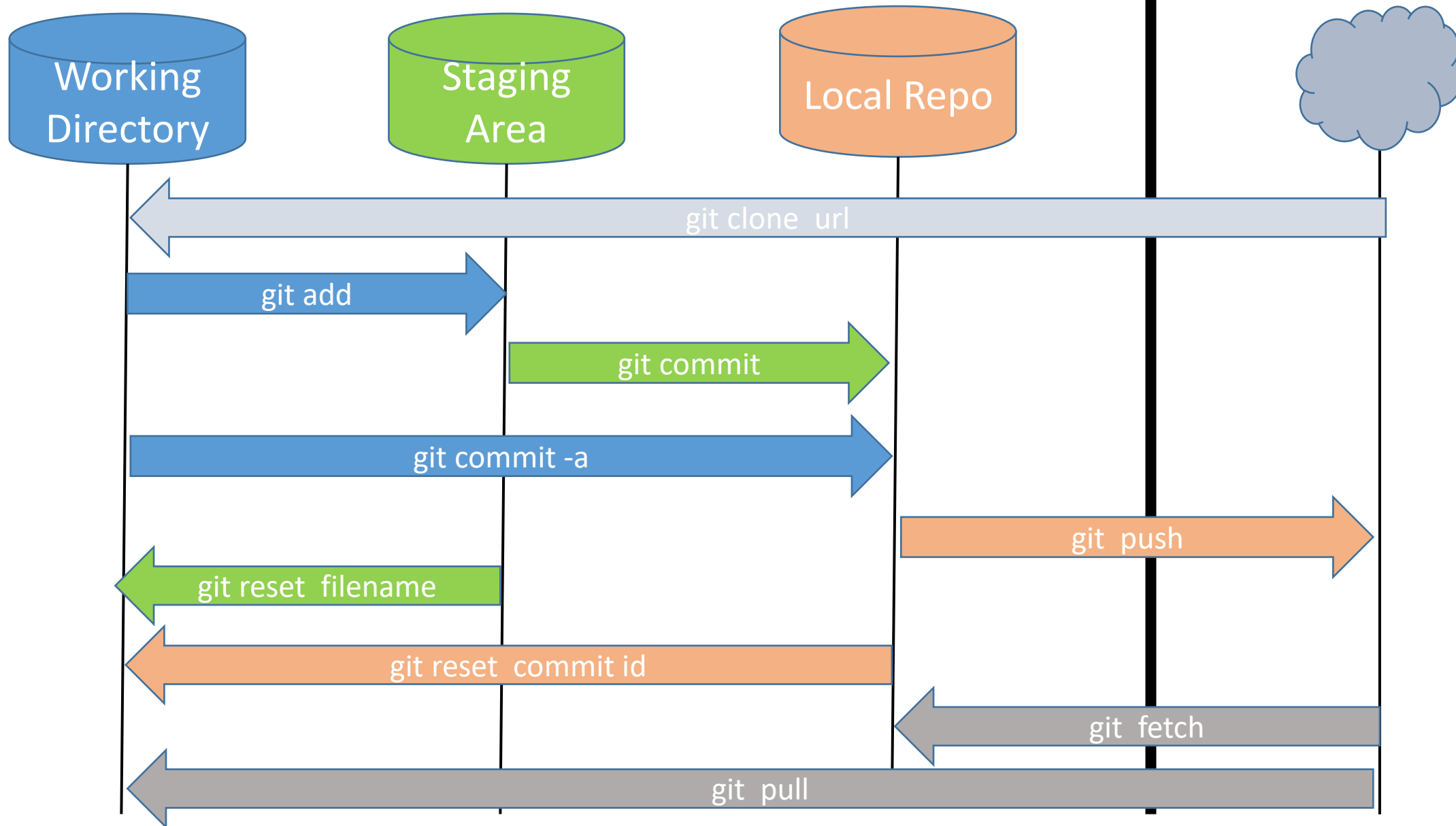


Command Mapping



Local

Remote



Demo: Basics

Git Basics



