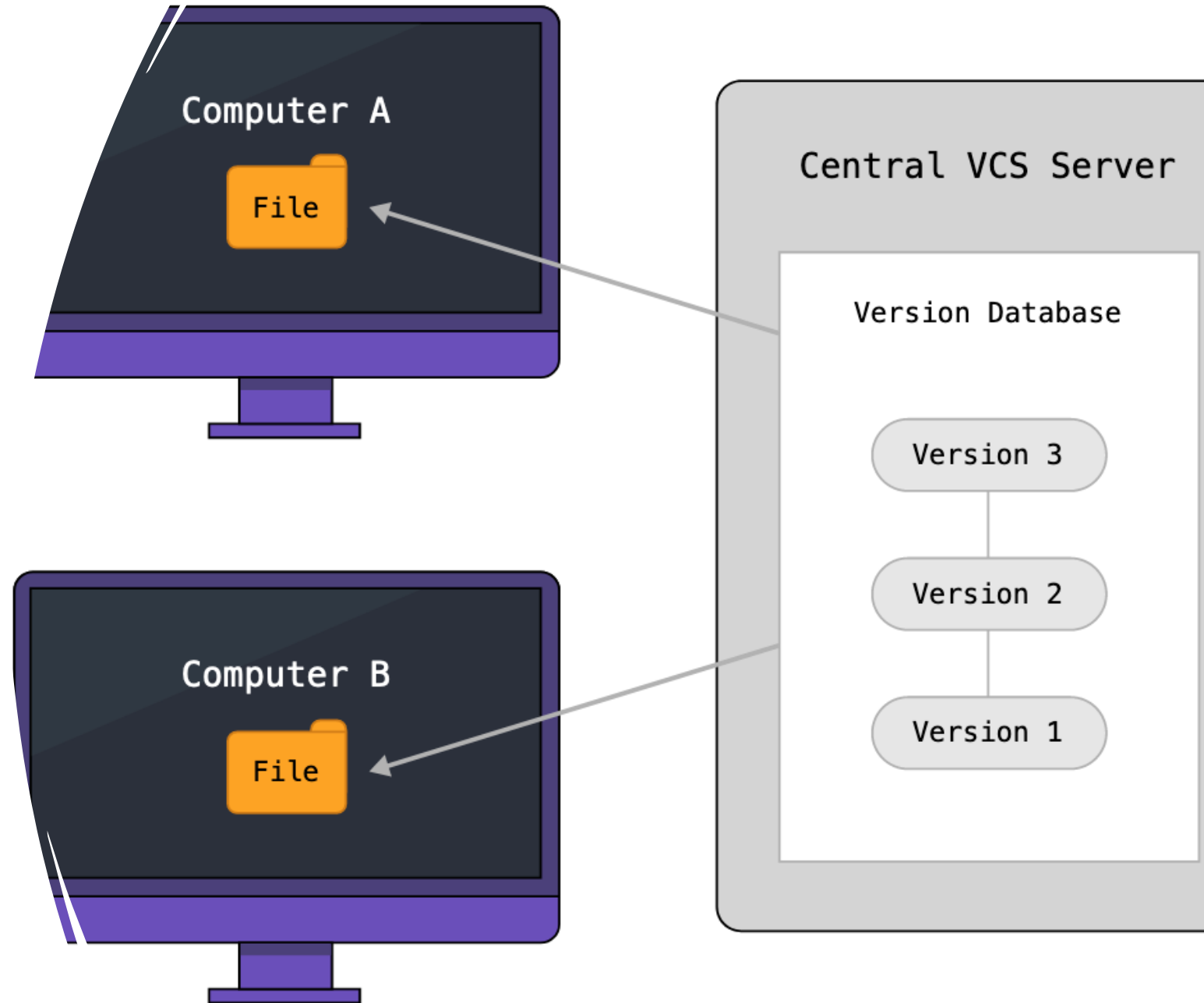




Git Lesson Plans For Unit Training

The Current Situation

- TRADOC centralized system for approval and distribution of training (very exclusive)
- Limited access to developed training resources by units
- Limited interactions between
 - Instructors
 - Students
 - Operational Force

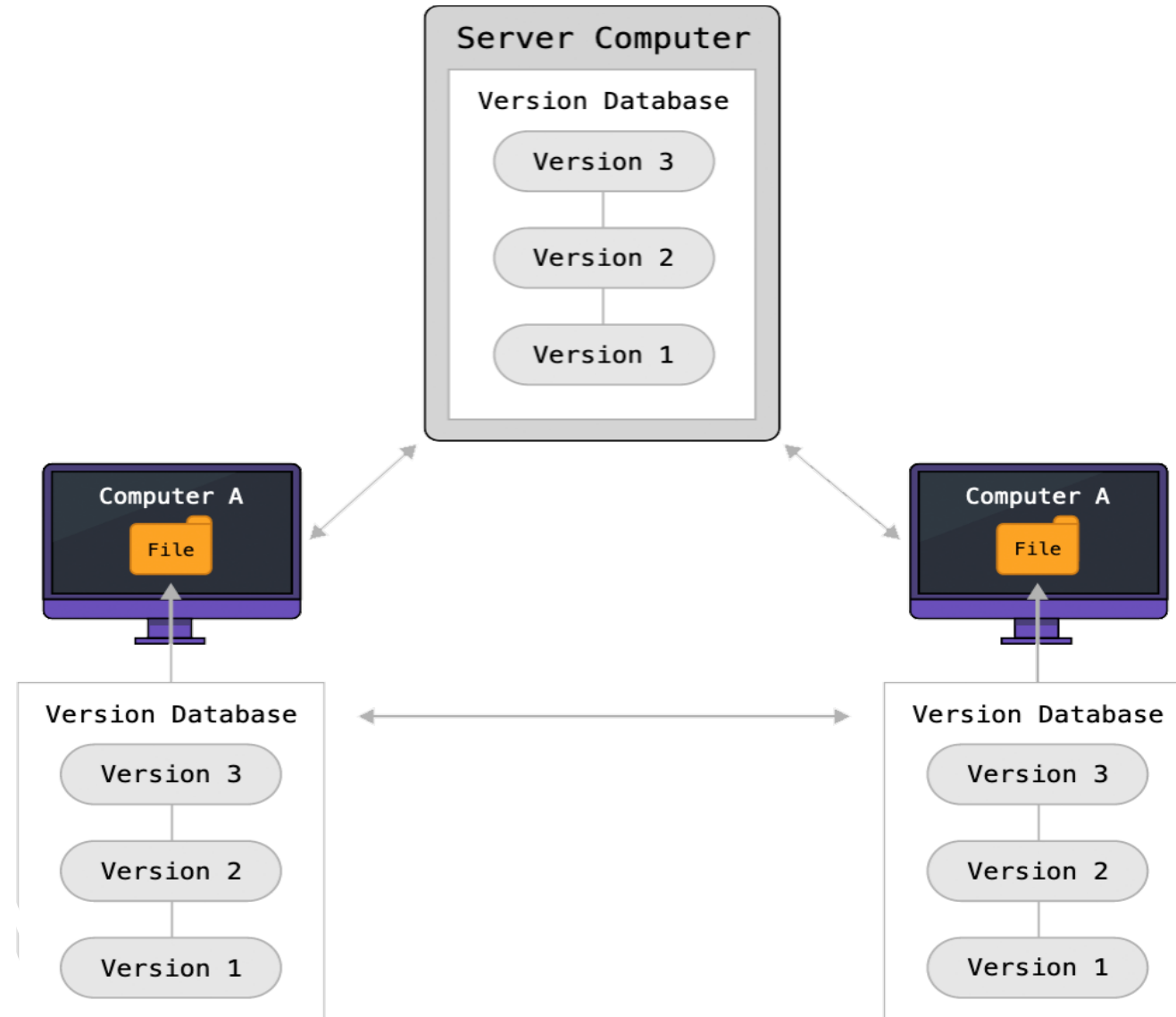


The Current Problem

- Slides instead of Lesson Plans
- Inconsistency in training environment setup (hard to communicate on slide only content)
- False Starts “recreating the wheel”
- Unable to transfer training content without extensive communication
- Lack of transparency or processes to push updates and take feedback
- Lack of transparency or processes to take feedback

Better

- Office365 real time sync of training slides and instructor content
- Good
 - Rapid Updates
 - Some Permission Controls
- Bad
 - Version Control
 - Expanding on Training
 - Team Management
 - Ground Level Feedback
 - Ground Level Updates
 - Word Formatted – Hard to Version Control



The Possible: Unit and Individual Lesson Plans

- Training Library using Git and Markdown Lesson Plans
 - Unit Training Knowledge Management
 - No proprietary bottlenecks (office products)
 - Easy Customizations
 - Rapid Updates
 - Instant Feedback (Issues)
 - Ground Truth Updates (Pull Requests)

Find

Prev

Next

All

×

Equipment and Material Required for Instruction

Lesson Material, Ammo, Expendable, etc.

Equipment	Student Ratio	Instructor Ratio	Quantity	Expendable
#MacOS-Computer , #MacOS-Keyboard , #MacOS-Touchpad	1:1	1:2		no
#Slides			1	no
#Projector			1	no
#ShortcutStickerMacOS	1:1	1:1		yes
#CheatSheet_app	1:1	1:2		
#Terminal_app	1:1	1:2		
#printer_paper	1:1			yes
#sticky_notes	4:1			yes

Pre-Requisite Tasks

None

Knowledge Required

1. K1 - Understanding of common differences between WindowsOS and MacOS
3. K3 - Be aware of QWERTY keyboard
4. K4 - Understand general computer home directory layout
5. K5 - Knowledge of opening apps on device
6. K6 - Knowledge of logging in and out of a computer

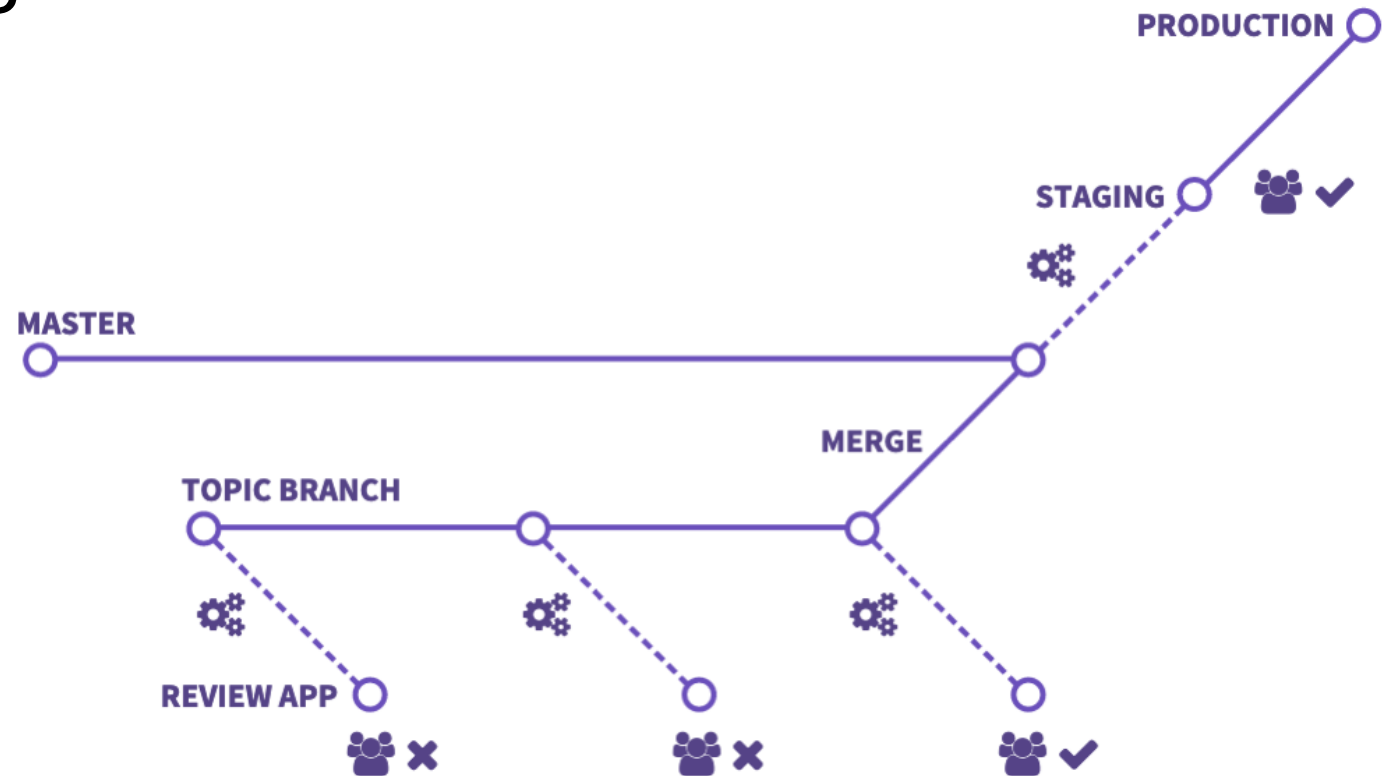
Skills Required

1. S1 - Typing ability approximately 20wpm or more

Git

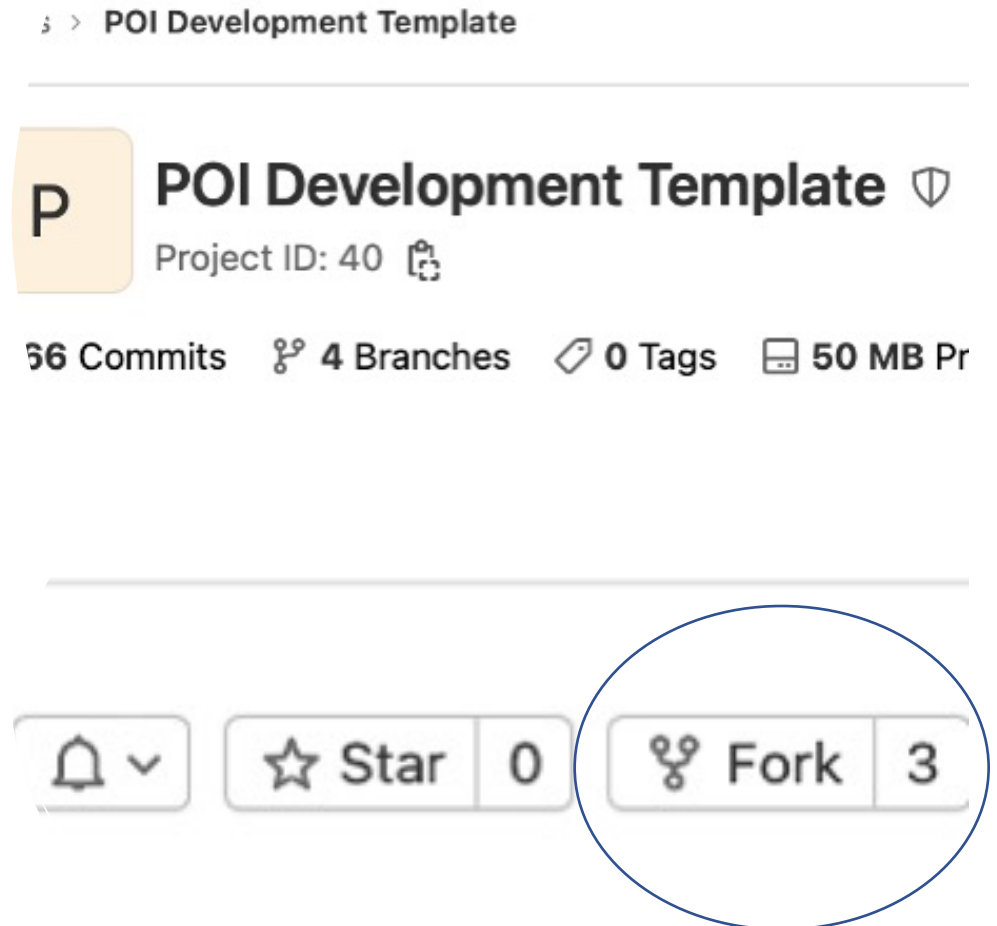
Git is an open source, distributed version control system used for DevSecOps and Agile project management.

- Low-cost solution for providing a library of training
 - PlatformOne
 - Locally Hosted
- Provides direct feedback from unit trainers and students for fast fixes and updates.



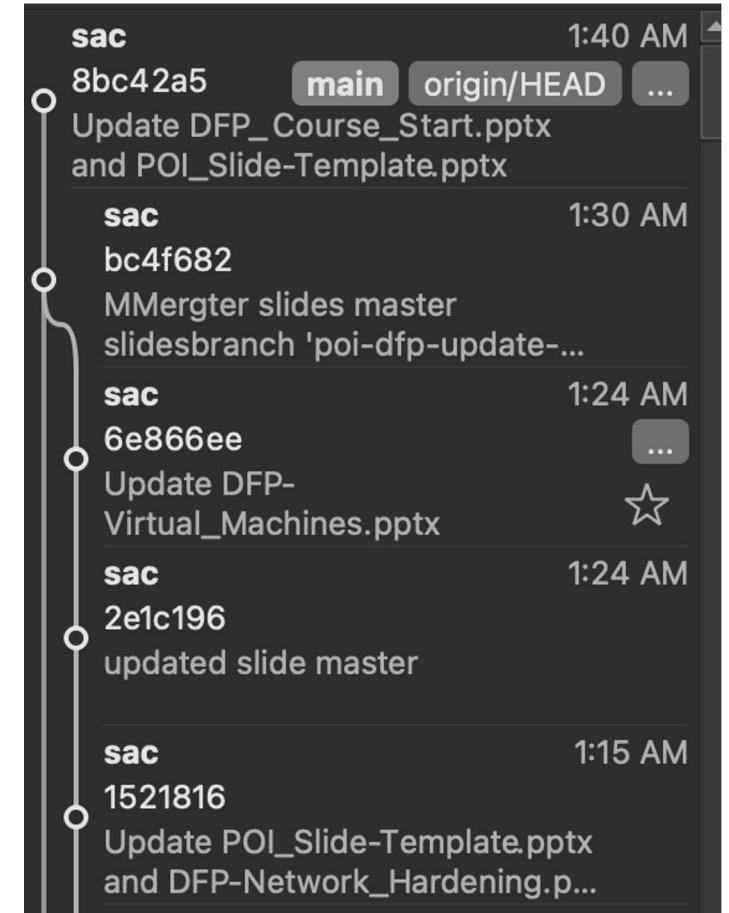
View Prototype

1. [Create Account:](https://gitlab.irregularchat.com)
<https://gitlab.irregularchat.com>
2. [POI Development Template:](https://gitlab.irregularchat.com/saclab/poi-development)
<https://gitlab.irregularchat.com/saclab/poi-development>
3. Create a Branch for a new Lesson



The Way Forward

- Move to PlatformOne
- Expand Content
- Develop Non-Formal Training for Unit Instructors



References



- <https://page.gitlab.com/rs/194-VVC-221/images/gitlab-moving-to-git-whitepaper.pdf>
- Learn Git Basics: <https://yt.irregularchat.com/watch?v=RG0j5yH7evk>