

Git for Visual Studio Developers

Git vs Centralized Version Control

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pluralsight 
hardcore developer training

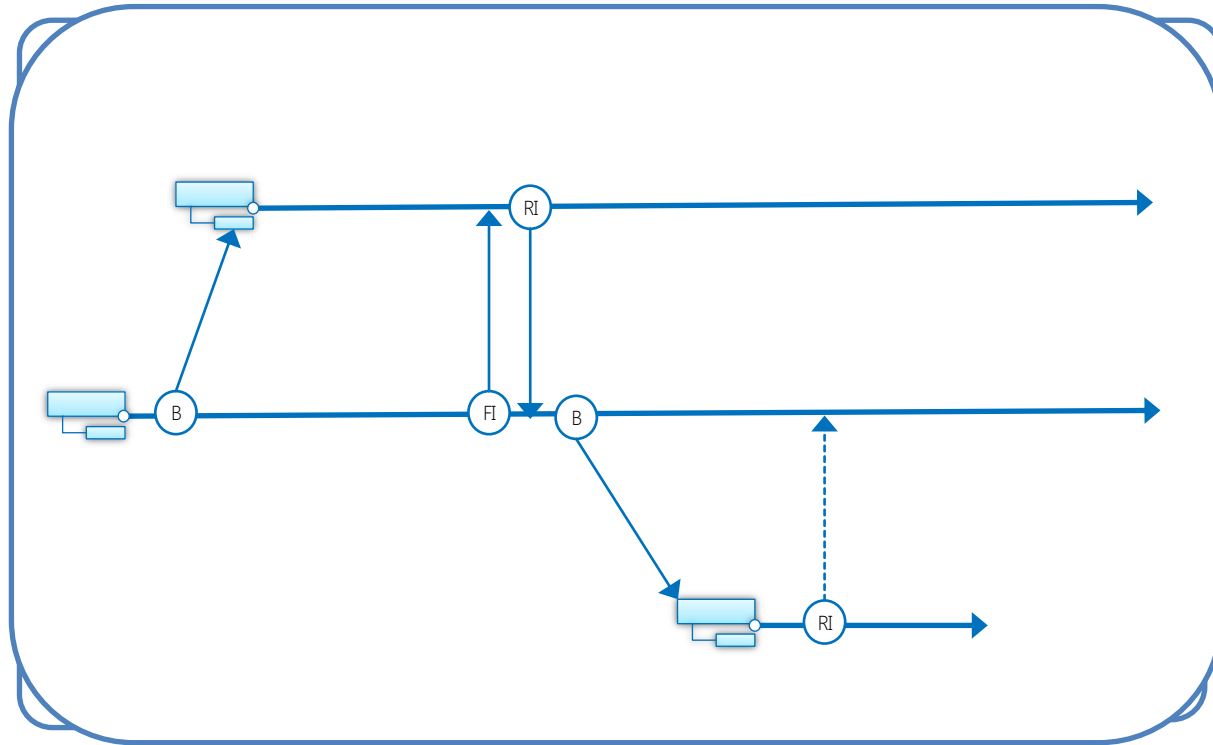
Overview

- **Local Installation**
- **Git Functionality**
- **Branching & Merging**
- **Workflow**

Using Git Locally

- msysGit - <http://msysgit.github.io/>
- Unix-style shell
- Supports all Git operations

Distributed Repositories

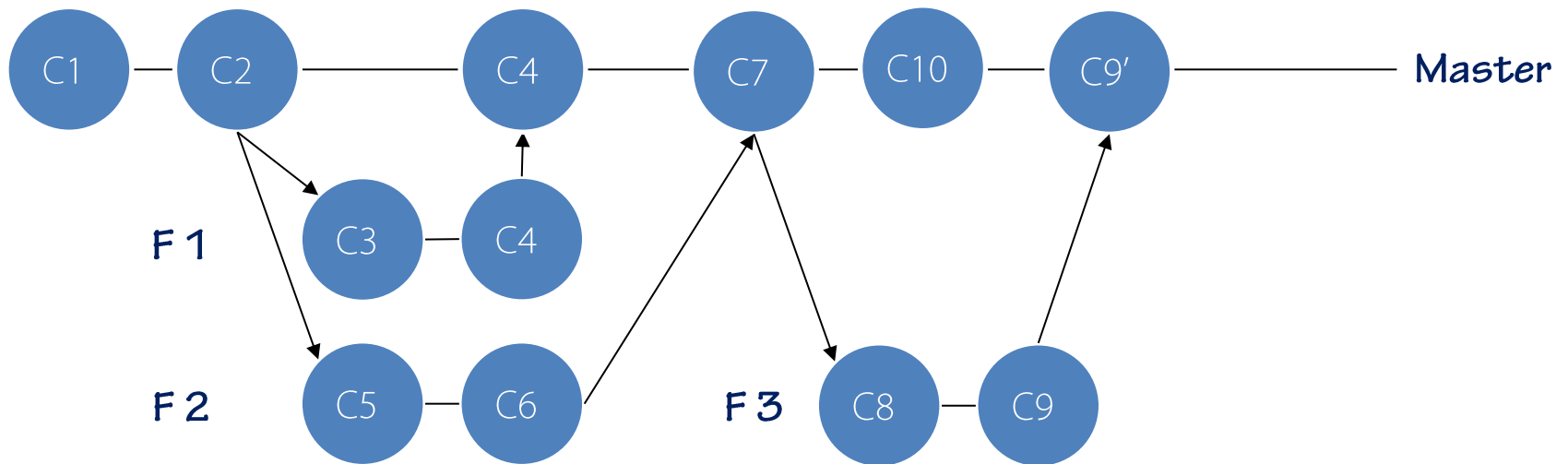


Git Functionality

- **Creating Repositories**
 - Full Clone
 - Initialize -> Checkout
- **Frequent Commits**
- **Stash**
- **Tags**
 - Lightweight
 - Annotated
- **Amending a Commit**

Branching & Merging

- Branching
- Merging
 - Fast-forward
 - Merge-commit
 - Rebase



Workflow

- Switching between branches
- Pull
- Make changes
- Commit Locally (multiple times)
- Possibly branch and merge locally
- Pull (resolve conflicts)
- Push

Summary

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