GitHub for Windows Developers

Brief Introduction to Git

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Outline

- **What is Git?**
- **History of Git (brief mention of where it's from)**
- **Classic Versioning Systems versus Distributed Versioning Systems**
- **Show command line in PowerShell**

What is Git?

Version Control System ("Source Control")

Distributed Version Control System ("DVCS")

Very Fast

Highly Scalable

What is Git?

Distributed Version Control System ("DVCS")

Branch   Merge   Commit   Push   Pull

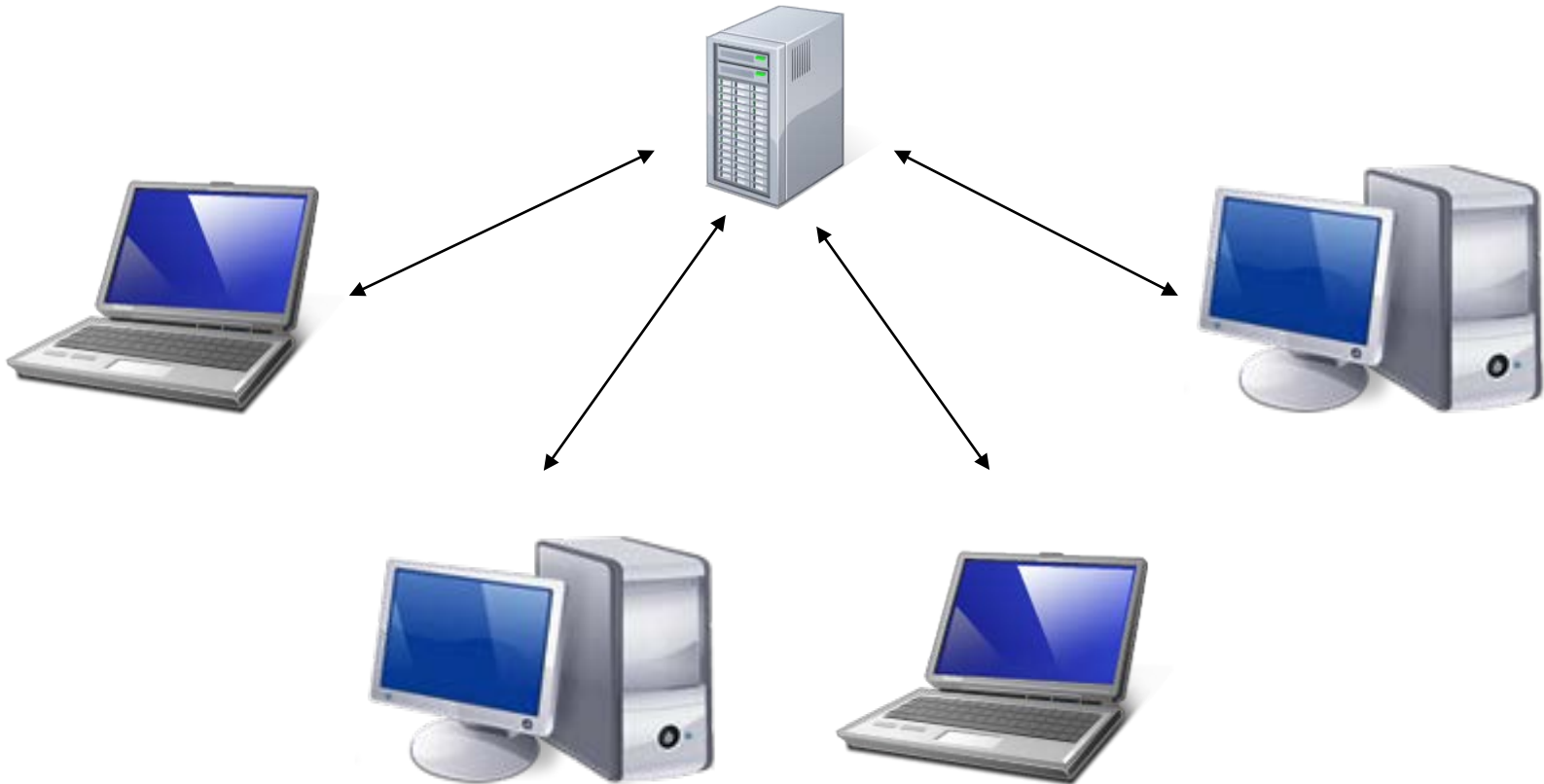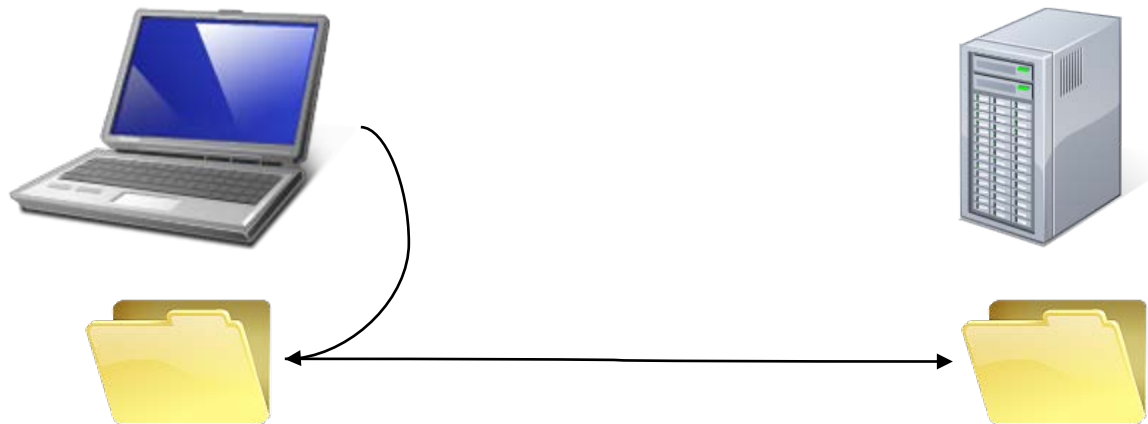Very Fast   Scalable   Distributed   Parallel

History of Git
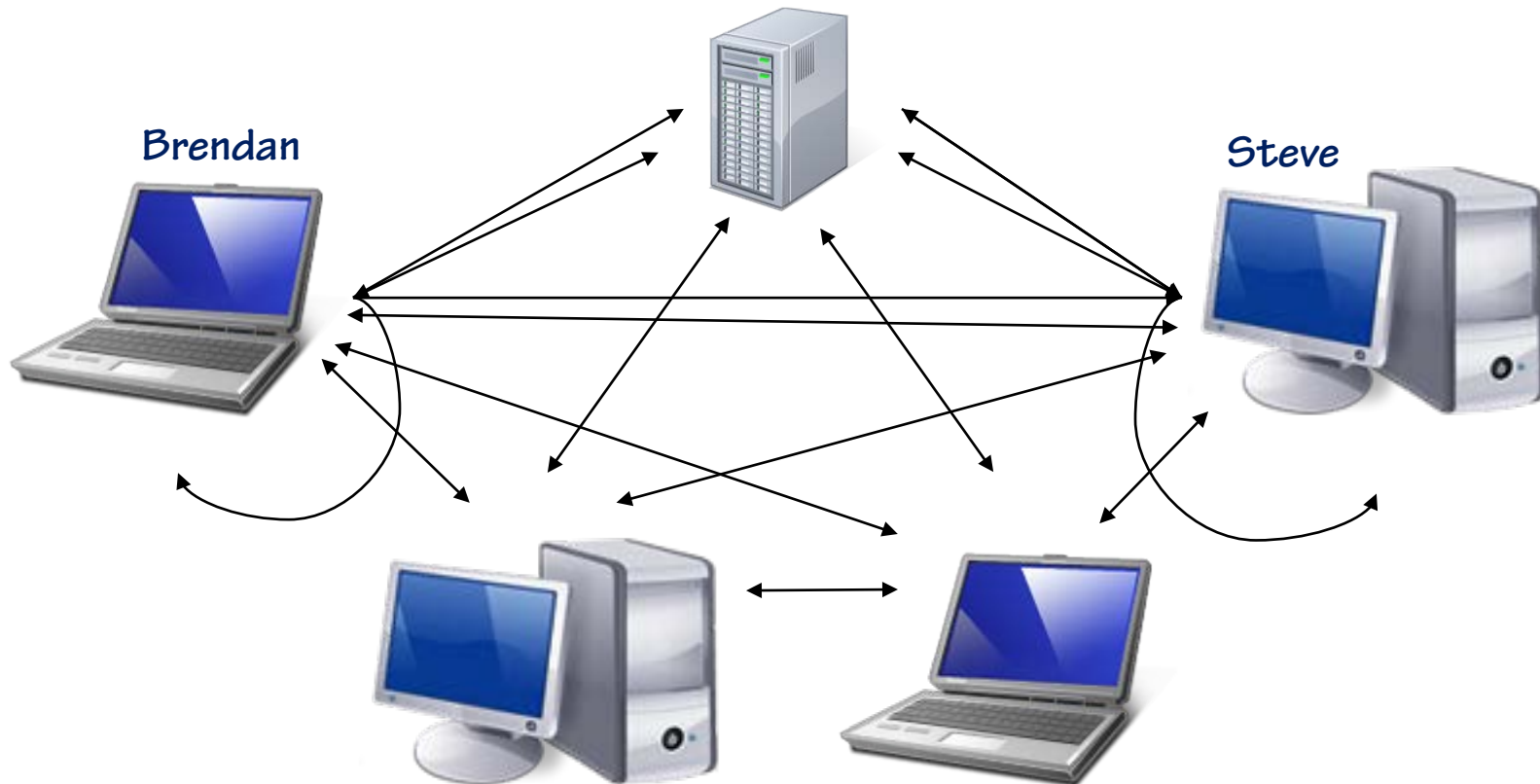
Centralized Version Control

Distributed Version Control

Distributed Version Control

Basic Git Commands

init	status	add	commit

log	push	pull	merge

Git Command Line Demo

Summary

- Git is a distributed version control system.
- Commits happen locally
- It makes branching and merging easier
- Basic git commands and workflow