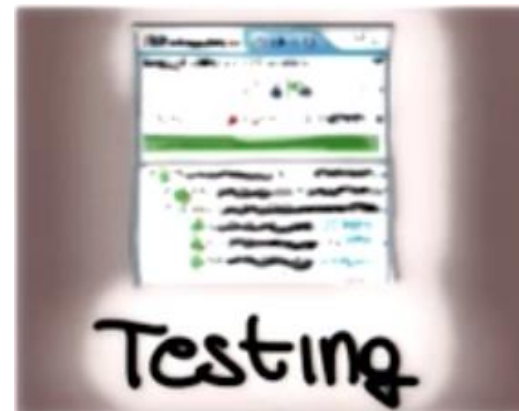
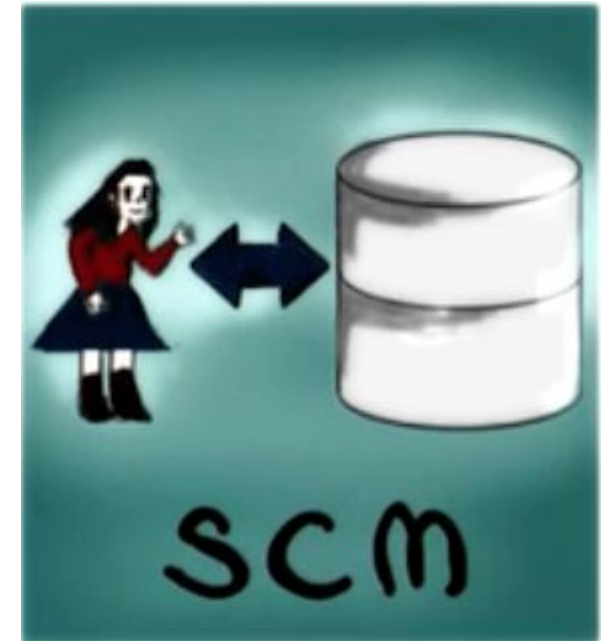


Integrated Development Environment (IDE)

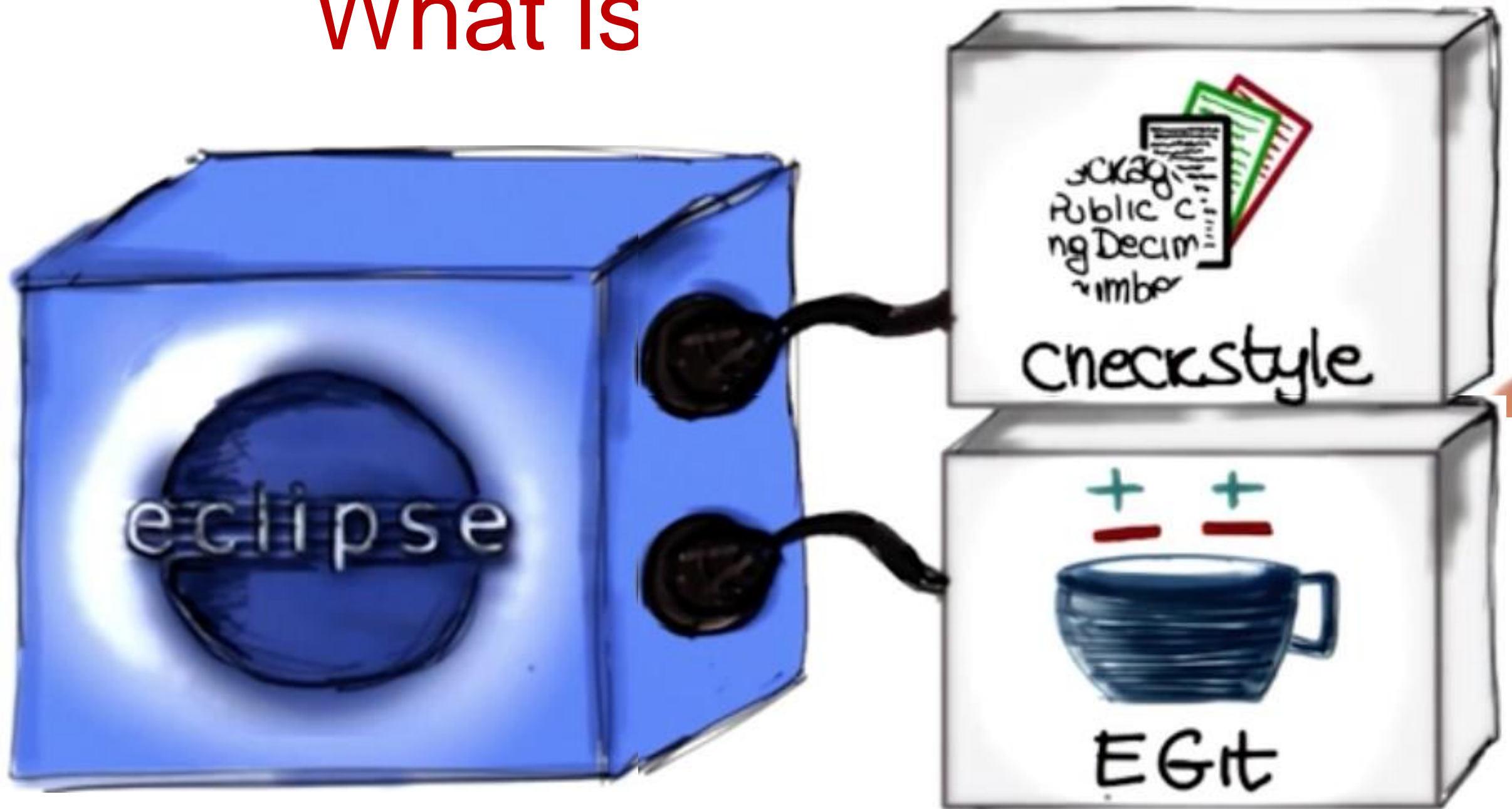
Lecture 4



What is an IDE?



What is





TOOLS OF THE TRADE



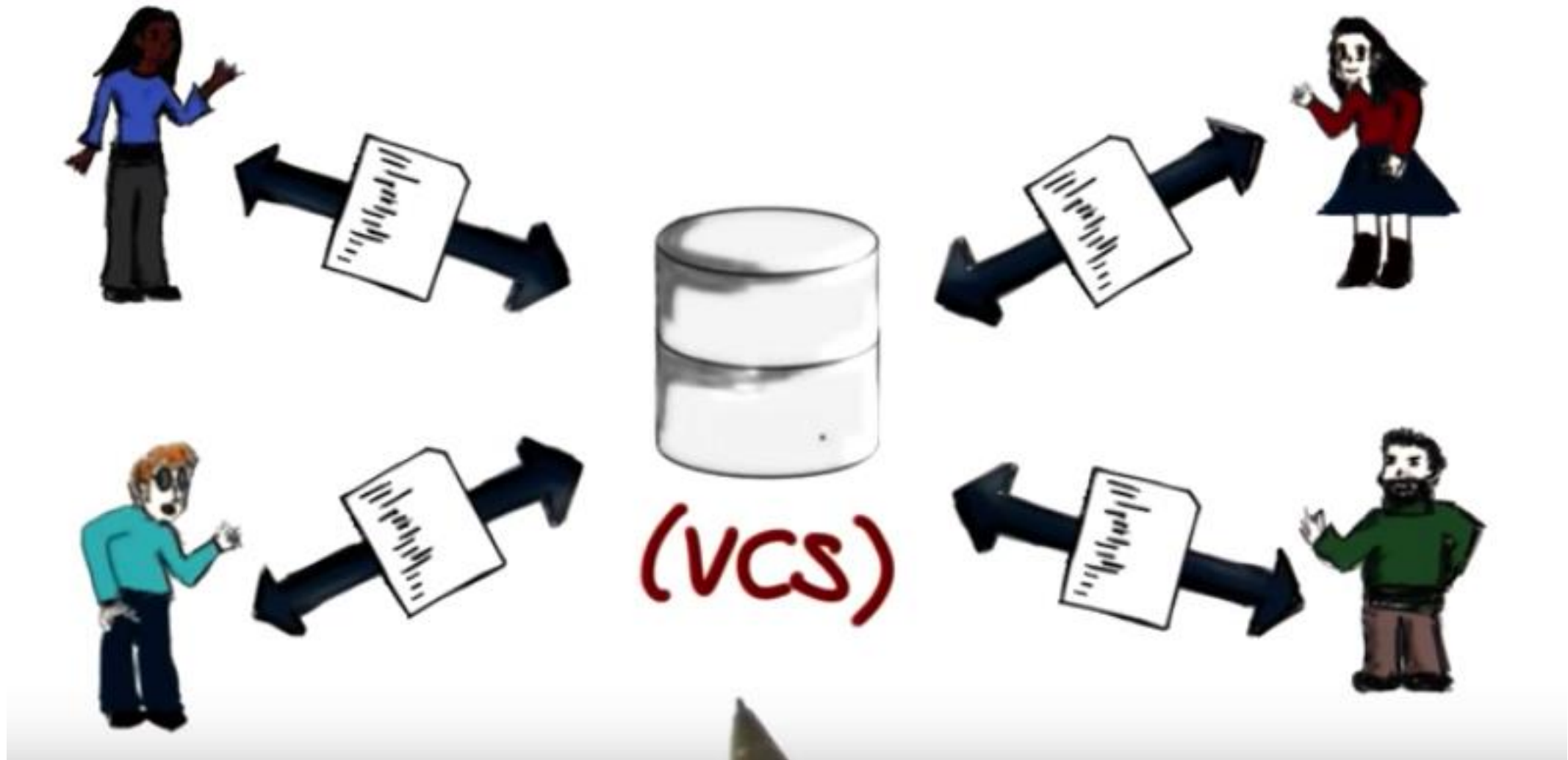
SOFTWARE ENGINEERING

VERSION CONTROL SYSTEMS (GIT)

JOHN BRITTON



WHAT IS A VERSION CONTROL SYSTEM?



Why is VCS USEFUL?



Enforce discipline



Archive versions



Maintain historical information



Enable collaboration



Recover from accidental deletions or edits



Conserve disk space

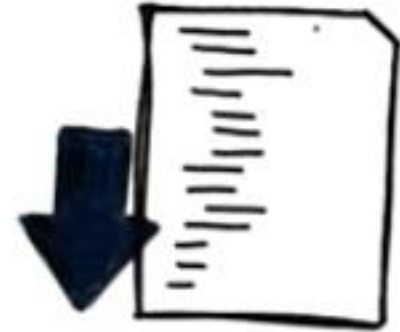
ESSENTIAL ACTIONS



Add

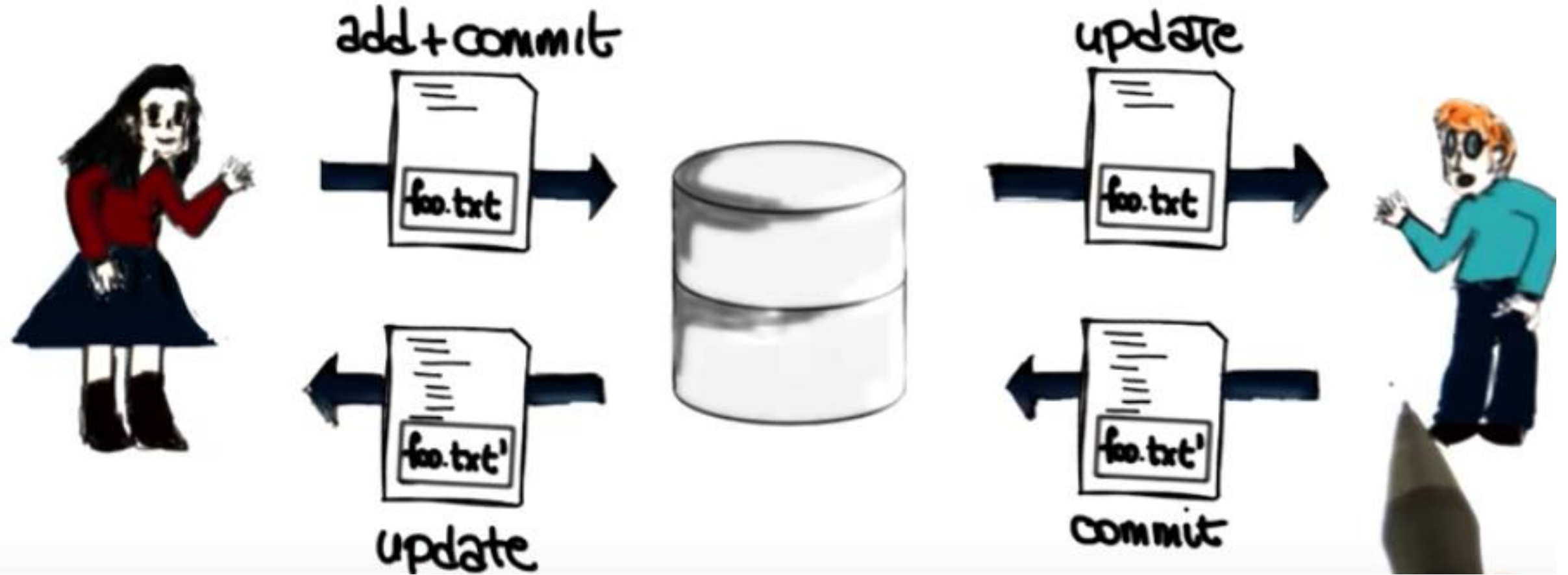


Commit

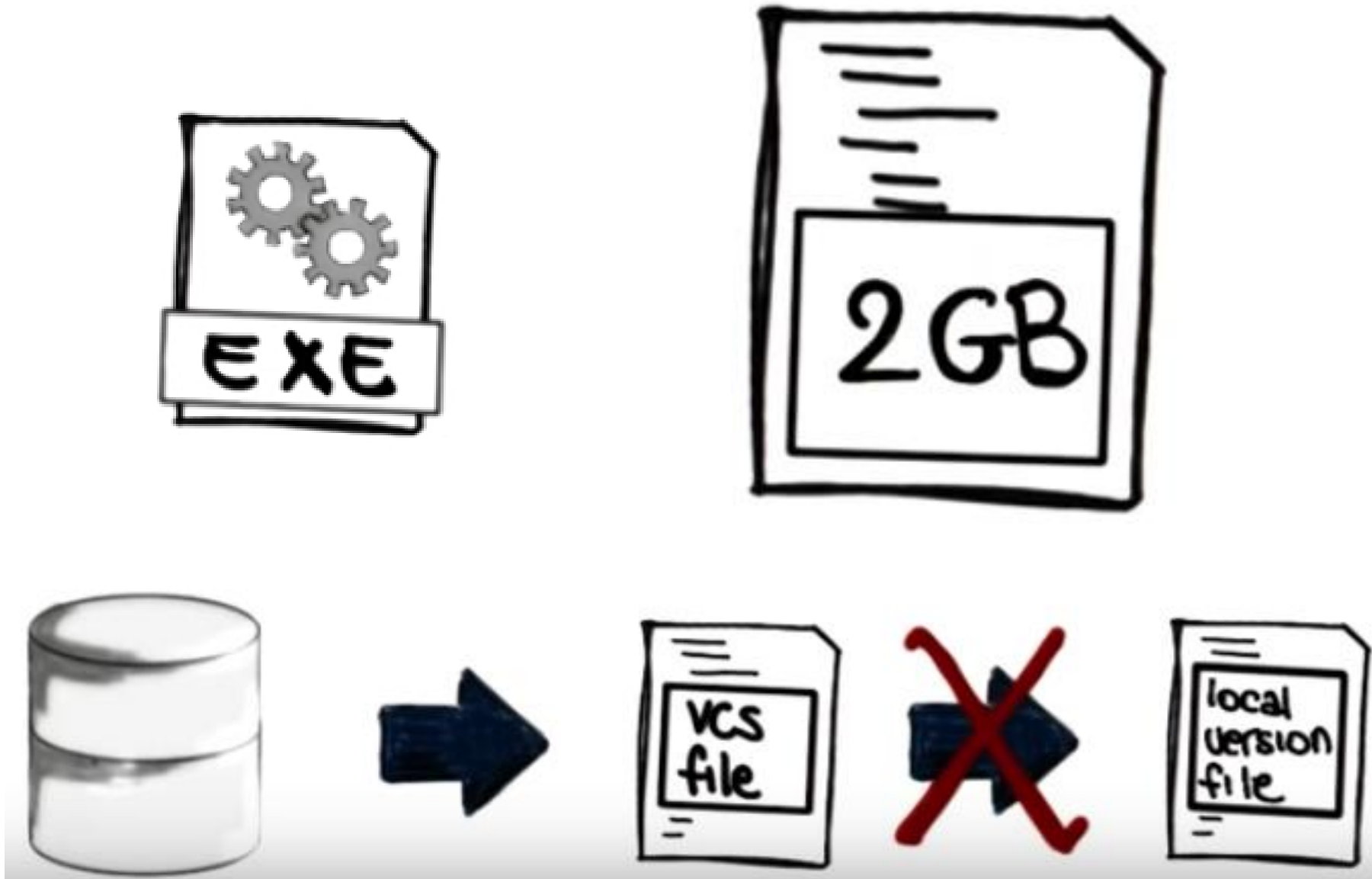


Update

EXAMPLE WORKFLOW



"DON'TS" IN VCS



TWO MAIN TYPES

Centralized



Decentralized



AN INTRODUCTION TO GIT

GIT WORKFLOW

