


Git, in graphic form



LECTURE 14
OCT 22, 2010

Change tracking basics

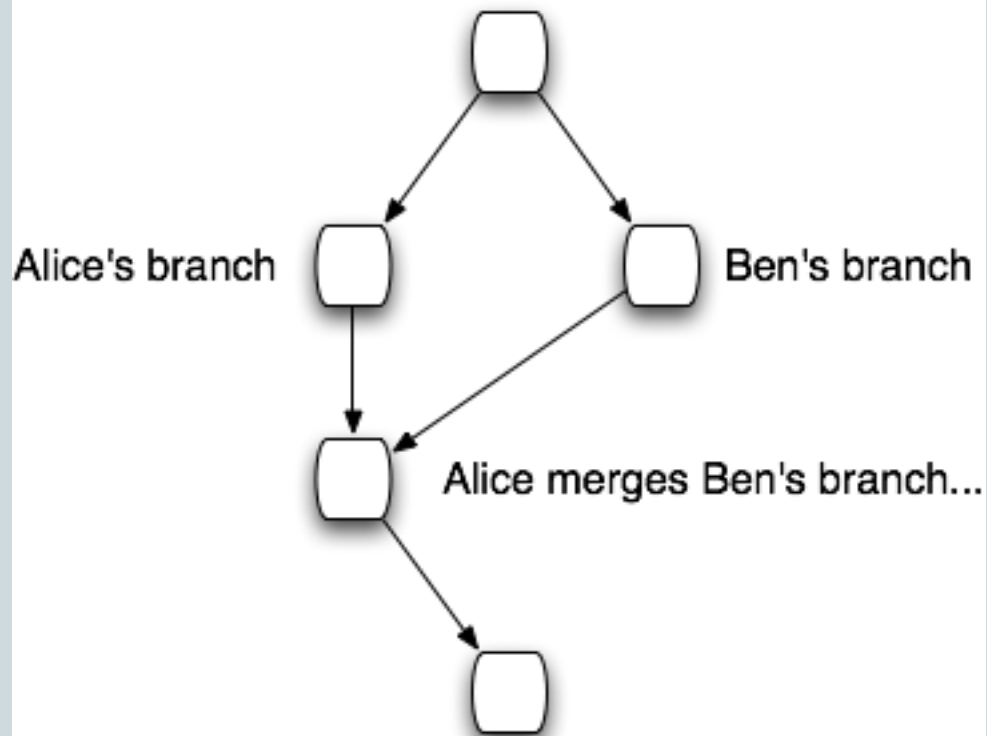


Commit graph	Files affected	Commit ID
	script1.py script3.py	6ad4cd2
	script3.py	8e97e32
	script1.py script5.py	71a39e11

Branching and merging



"Master"

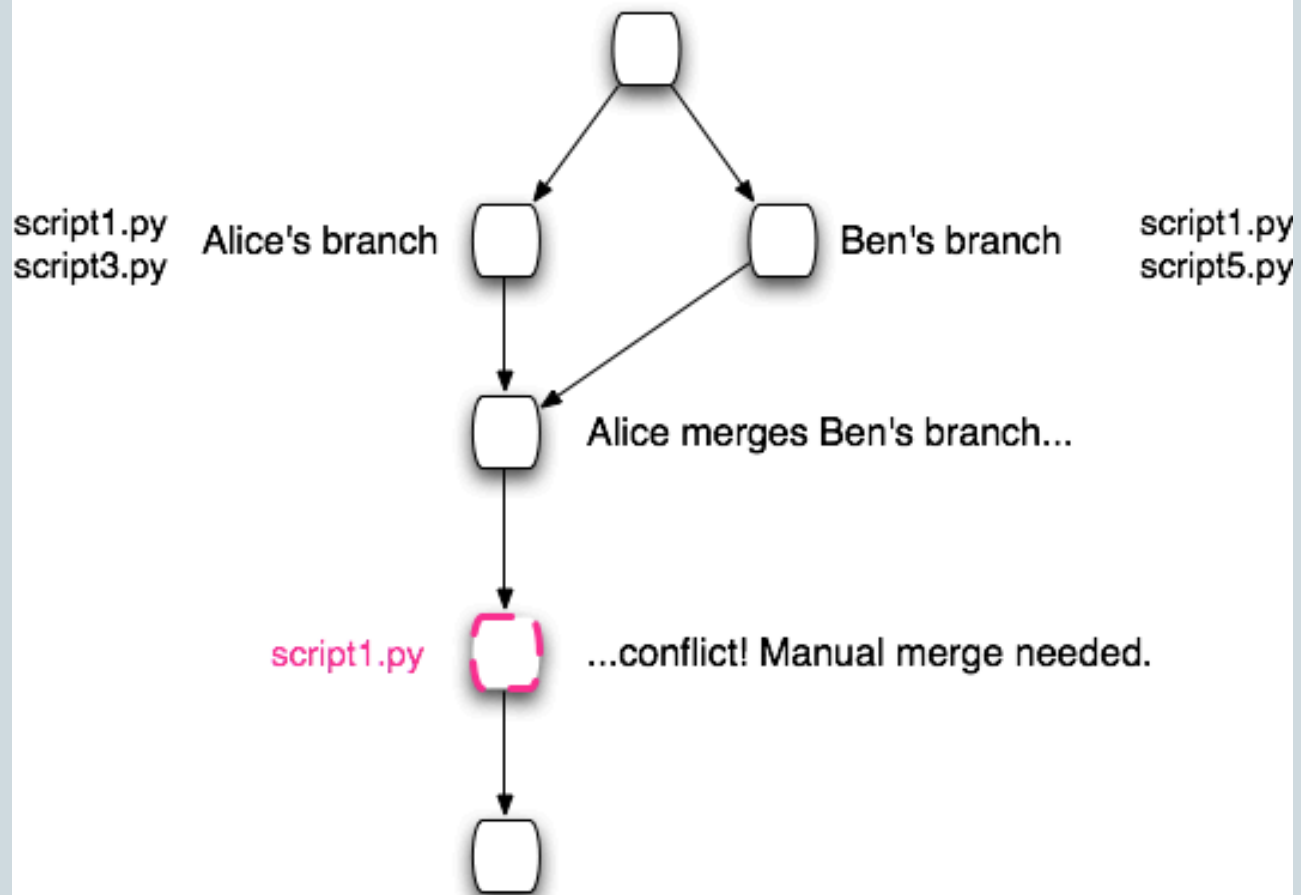


Structure known as a "directed acyclic graph"

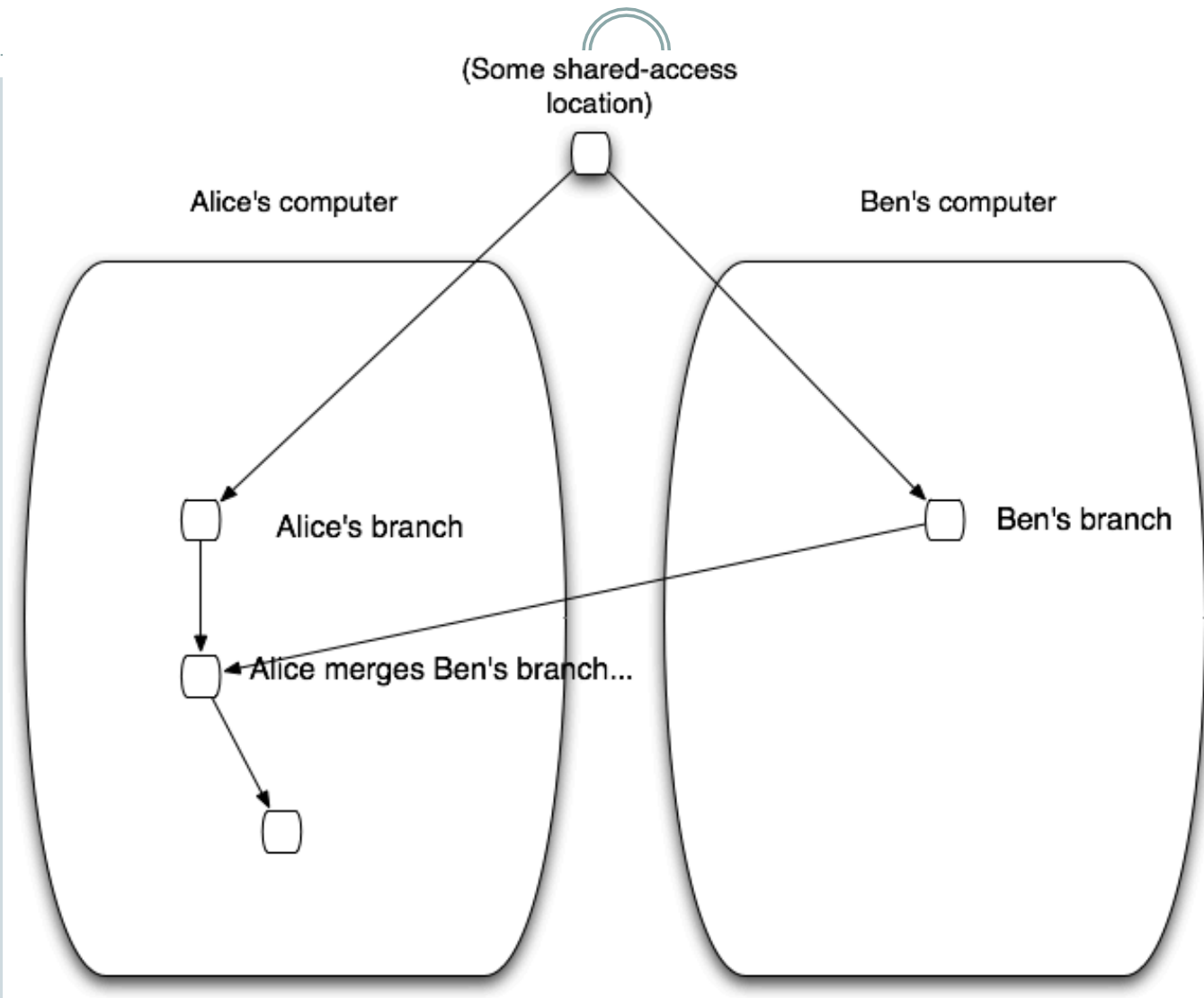
Conflicts



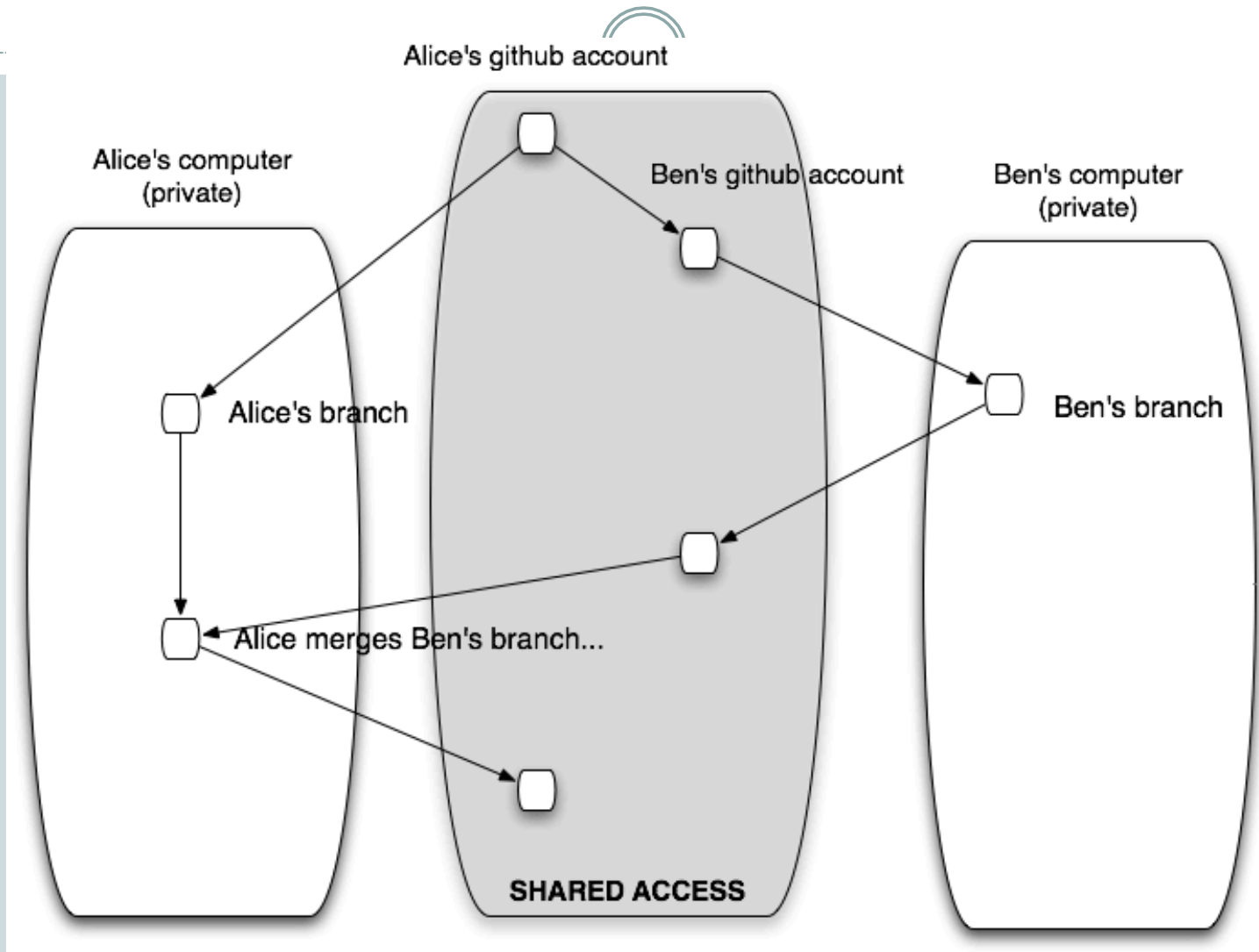
"Master"



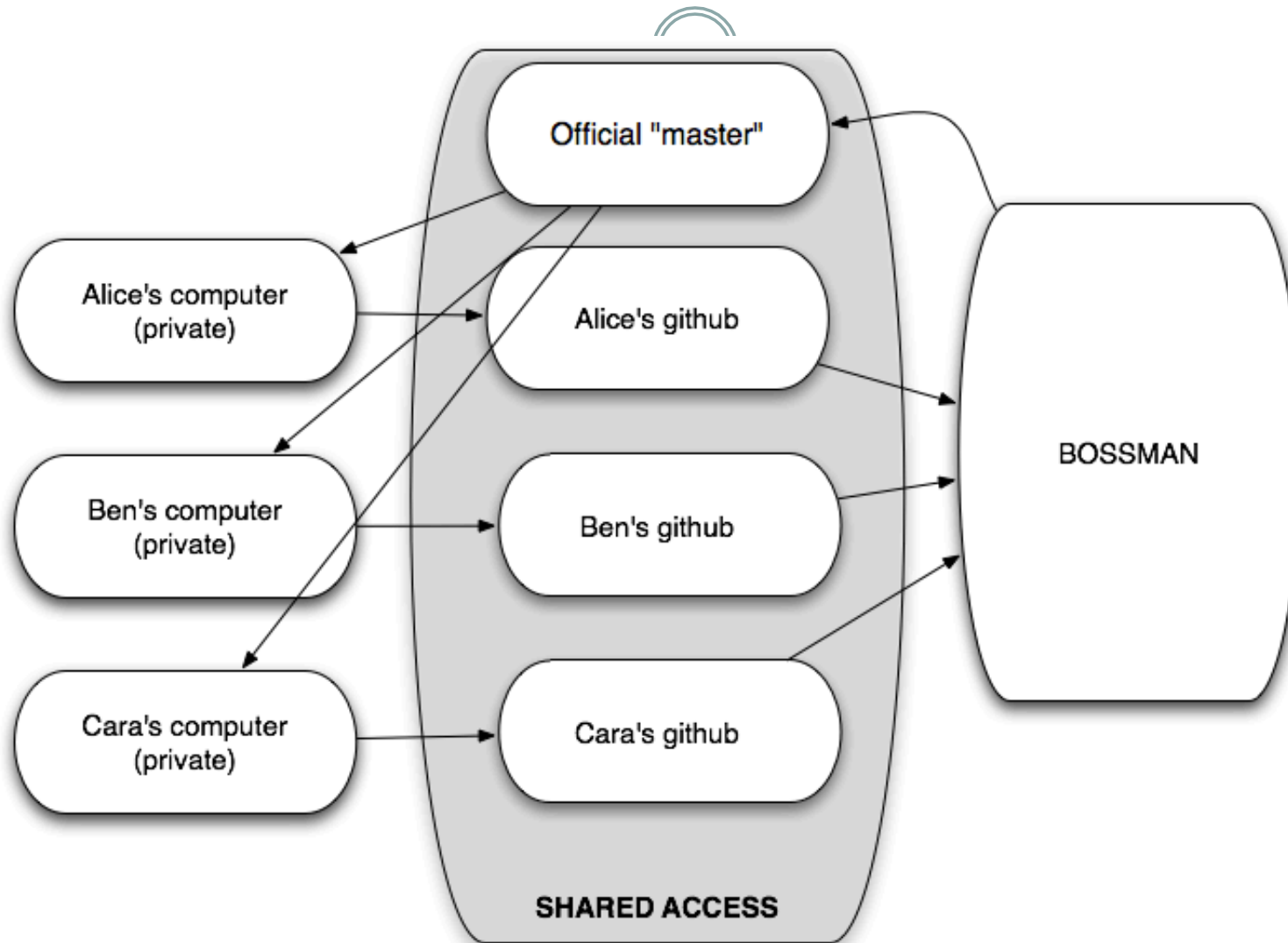
Communicating between repositories



Using github as a communications hub



Social policies for actual project management!



A mini-tutorial



A tour of github



Setting up github



- Cloning & pulling from github is easy.
- ...setting it for pushes is not so easy.
- This will be a separate lecture...
- ...but I'm happy to show people how to do it, individually.

(It uses the same kind of 'key' auth system that EC2 uses)

Using git in the meantime



- Use the 'git init', 'git add', 'git commit', etc.
- Copy the entire directory to a rented hard disk, or save it on your laptop.
- Copy it back... tada.