

Section 1
Olin 259/231

Don't plug in your laptop just yet...

And think of something memorable about yourself as a matter of introduction...

Section 2
Olin 167

Course Introduction

CSSE 221

Fundamentals of Software Development Honors

Rose-Hulman Institute of Technology

For today's exercise (shortly)

Sit alphabetically in groups of 4
Then plug in

The Key Players

- You: roll call.
 - Nicknames, correct pronunciation, something interesting?
- Instructors: Delvin
- The course assistants:
 - Peter Samyn & Scott Harris (sect 1)
 - Jonathan Earles (sect 2)



Life outside of Rose

Intro to the course

- OO software development in Java.
- 18 chapters in text!
 - Ch. 1-16.4, 18, 20
- Lots of programming, including:
 - Each week' structured around a prog. assignment
 - 1 bigger team project
- Researching and presenting course material to classmates

	Topic	Project	Indep
1	Interfaces	BigRational	
2	Inher & Poly	BallWorlds	Research
3	GUI	Fifteen	Research
4	Lists	VectorGraphics	Demo
5	Data Structs	Markov	Demo
6	Schedule Gen	Schedule Gen	
7	Threads	Schedule Gen	Present
8	Sorting	Schedule Gen	Present
9	TBD	TBD	
10	TBD	TBD	

Diversity

Majors

Programming backgrounds

At the end of the course...

Major	Count
CS	11
CpE	5
EE	5
SE	3
PH	2
CE	1
ME	1
Undecided	1

Course Mechanics: Syllabus

- Office: where and when?
- Extra help: Moench F217, Sun-Thurs 7-9 pm
- What resource should you use for the fastest response to your questions in this course?
- List two electronic distractions, mentioned on the Syllabus, that you should avoid in class.
- If you use someone else's ideas in work that you turn in for this course, what are the two things that you have to do, according to the Syllabus?
- After two unexcused absences in this course, what do you have to do?
- Is there a “Late Day Bank Account” for this course? (Yes or No)

Course Mechanics: Schedule

- When is Homework 1 due again?
- What should I read by Tuesday?

Course Mechanics: Moodle

- Grades will be posted there
- Quizzes/ surveys
- Solutions
- Etc.

Today's content: Eclipse and SVN

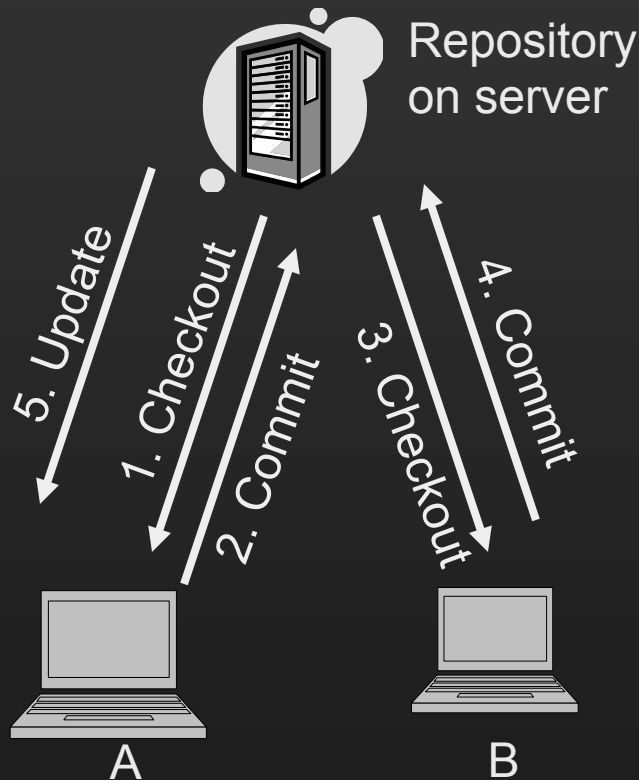
- Subversion (SVN) is used for version control.
 - Backups
 - Working together
 - *Collaborative Poetry* Exercise
- Eclipse is our Integrated Development Environment (IDE)
 - Easy to write code in Java.
 - *Hello World* from scratch
 - *JavaEyes* modifications

Benefits of Version Control

- Server
- No emails
- Backup
- Rollback
- Turn-in

Using Version Control

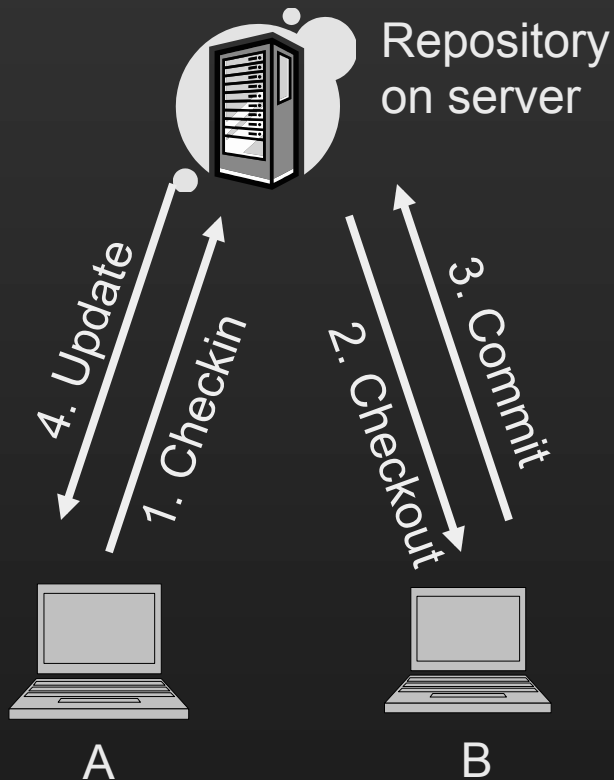
1: The instructor provides starting code



1. A checks-out the project from the repository.
2. A commits any changes (so that the repository stays current).
3. B checks out the project from the repository (getting the most current version).
4. B commits any changes (so that the repository stays current).
5. A updates her local copy.

Using Version Control

2: The students create the code from scratch



1. A creates the project and checks it into the repository.
2. B checks out the project from the repository.
3. B commits any changes (so that the repository stays current).
4. A updates her local copy.

On to the exercises!

- Collaborative Poetry
--break--
- Hello World
- Start Java Eyes

- Finish all as part of the homework, which includes reading and some written questions, all due Monday, by start of class time.

Poetry Teams (Section 1)

11, ahmannbm, allennp, bonshinr, bruggess

12, caggiadj, dagosttv, fahslaj, hoffmaj2

13, humphrjm, kadamss, kellymr1, leekf

14, mayja1, mcclinkw, millera4

15, millerc5, navalv, rosebj1

16, schulzcc, stevenbc, waelbrt

Team number used in repository name:

<http://svn.csse.rose-hulman.edu/repos/csse221-201410-teamXX>

Poetry Teams (Section 2)

21, andersam, anderst4, barnesgl, budocf
22, frankssj, hartundm, haussmsg, lehmandr
23, luddenig, millerlj, niccumas, nygrendr
24, orioldsm, owencb, pughck, robinsat
25, schnipde, thaimp, tiefenaw
26, whitehts, zhangl, zhouj

Team number used in repository name:
<http://svn.csse.rose-hulman.edu/repos/csse221-201410-teamXX>