Administrivia

- Class mailing list — everyone got a test message last Friday, right? Archives linked from class Web page.

- More information about ethics presentations (March 1) coming soon by e-mail. Links to Dr. Howland's slides, and other ethics-related material, on his P/E/D page.

- Project description on Web updated to include another interim milestone. "Useful links" page updated with info about EclipseUML.
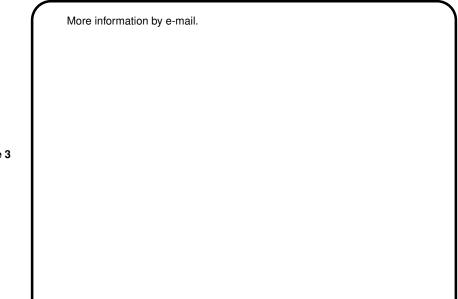
Slide 1

EclipseUML

- Plug-in for Eclipse that allows drawing UML diagrams. Should be installed on lab machines. Link on "useful link" page to Web page for downloads and documentation. We may get a license to use "studio" version, with more features.

- Briefly: Create a project and a package, then select "New" on package, then "Other" ldots.

Slide 2

- To get something printable, "Export". Saves in SVG format. Command-line tool `rsvg` can convert to PNG or JPEG. Can view these files with `xv` (or there may be other ways). You should be able to include one of these formats in a word-processed report or print them directly. (Talk to me if you need help with this.)

  Update (3/24): Apparently this doesn't work very well for class diagrams — you only get a piece of the diagram, and lines between classes don't show up.

Slide 3

More information by e-mail.

Slide 4

Steps in Design Process

- Requirements analysis — develop use cases, present as UML diagram plus supporting prose.

- Various choices for next step. For this project, next step will be an object-oriented design (i.e., design in terms of classes, objects, etc.).

- "Old" writeup of project sets one interim milestone — midterm progress report, which should include the requirements analysis and a sketch of classes you plan to write.

  Separate into two parts:

  – Preliminary requirements analysis (use cases and use-case diagram), due February 22.

  – Midterm progress report, with requirements analysis (possibly updated) and preliminary class diagram.

- More about class diagrams, sequence diagrams in coming lectures.

Slide 5

Minute Essay

- None — sign in.