Graphic Interface Programming II

Introduction
Today

- Previous evaluation
- Administration
  - Registration
  - Groups (3-4 students/group)
  - CVS
- Diary
- Homepage
  - http://www.it.uu.se/edu/course/homepage/devgui2/vt11
- Intro to assignment
Previous courses

- Generally positive
  - high evaluation scores
  - good course setup

- Negatives
  - high workload
  - unclear grading system
Teachers

- Lars Oestreicher (1152)
  - general responsibility, lectures, seminars
- Simon Tschirner (1157)
  - assignments, CVS, seminars
- Mikael Laaksoharju (1157)
  - diary
Personal responsibility

- You are expected to do a lot of programming during this course

- You are expected to get the help you need if you have problems:
  - internet, books and lectures
  - fellow students
  - teachers
  in that order
Examination

- No written exam (smaller individual report)
- Active group work
  - Reported in diary
  - Group meetings (mandatory)
- Grading:
  - Overall assignment results
  - Individual diary
  - Individual activity – ability to show your work
  - Assignment presentation
  - Interview
Diary

- Diary MUST be used regularly
  - Records the time spent on the work in the course

- Diary is part of the individual EXAMINATION!
  - No, or sparse entries – lower individual grade
Goals

- Understanding of Graphics environments and Drawing mechanisms
- Using non-standard Swing-features
  - Advanced interfaces
  - Use of Graphics for components
- Understanding of Design Patterns
- Good programming practices
  - Structuring
  - Critical thinking
  - Documentation
- Future GUI ideas
Project news

- Each group will assign project leaders
- Everybody in the group has to be a project leader at some point
- Each project leader is responsible for one period of time
  - 1/3 or 1/4 of the course (depending on the number of participants in the group)
- The role of project leader will rotate with time
The Project Leader

- is responsible for the planning of the work over the week
- is responsible for a weekly (short) report
- is responsible for managing the group meetings
- will meet with the steering committee (a teacher) once a week (appr.)
- will perform a handover at the end of his or her term of service
Being a project leader…

…still means that you have to do programming work!
Important

- Until Tuesday 29/3:
  - Form groups
  - Make a schedule for project leaders
  - Make a project plan!

- Send email about groups to Mikael and Simon (cc: Lars)
- Subject: devgui2
Assignment

- Reusing Code (not application)
  - Select an application from the previous course

- Extend/rewrite application
  - Calendar Application with TODO-facility
  - Write your own Calendar
  - Do not use existing packages/libraries

- Add "extra" graphic features
Four stages

- Paced development

- All assignments are published from the beginning!

- Go through and use for the planning
Why???

- A popular question for some requirements

- And the simple answer is

  Because...!!!