



University of Zurich



Requirements Engineering II

Martin Glinz

With assistance by Samuel Fricker

Fall Semester 2007

Course Structure and Introduction

22 October 2007



Course Structure

- Contents: Seven assignments on selected, advanced topics in Requirements Engineering
- Prerequisites: contents of course Requirements Engineering I
- No traditional lecture style
- Students acquire knowledge mainly themselves by
 - reading original articles
 - performing practical exercises
 - preparing presentations and giving them in class
- For every assignment, there will be a 90 minutes session in class with student presentations, Q&A, and discussion



Topics of Assignments

1. Requirements Traceability
2. Goal-Oriented Requirements Engineering
3. Requirements Elicitation
4. Formal Methods
5. Requirements Engineering for Product Lines
6. The ADORA Language and Tool
7. Continuous Requirements Engineering



Assignment Materials

- The assignments typically include
 - Assignment description
 - Mandatory reading
 - Additional reading
- See course web page at http://www.ifi.uzh.ch/serg/teaching/courses/requirements_engineering_ii_hs07/
- Paper download is password-protected
 - User name: student08
 - Password: will be communicated in class on Oct 22



Schedule

22 Oct 07	Introduction and setup
29 Oct 07	–
5 Nov 07	1. Requirements traceability, RE conferences and journals*
12 Nov 07	– [exam in RE I]
19 Nov 07	2. Goal-oriented RE 3. Requirements elicitation
26 Nov 07	–
3 Dec 07	4. Formal methods, 5. RE for product lines
10 Dec 07	–
17 Dec 07	6. ADORA language and tool, 7. Continuous RE, Wrap-up
7 Jan 08	Final exams
14 Jan 08	Final exams

*: No assignment, information only



Exams, Pass Criteria

- Pass requirements
 - Successful completion of at least 5 of 7 assignments
 - Presence in class sessions for at least 6 assignments
 - Passing grade or better in final exam
- For passing the course, all three criteria must be met
- Final exams will be held as 25' oral exams
 - Primary date: 7 Jan 07, morning
 - Alternative date: 14 Jan 07, morning