

# Distributed Systems

Introduction

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# Organization

- Option 1:
  - Group 1 – every Thu, 8:15-9:00/8:30-9:15AM
  - Group 2 – every Thu, 9:15-10:00AM
- Option 2:
  - Group 1 – every 2<sup>nd</sup> Thu, 8:30-10:00AM
  - Group 2 – every 2<sup>nd</sup> Thu, 8:30-10:00AM
- Teams – 2 persons (max 3!) from the same Group
- One assignment per meeting compulsory.
- Assignments **MUST** be done.

# Resources

- Website: <http://www.softwareresearch.net> => Teaching
- Books:
  - Tanenbaum, van Steen: Distributed Systems (Prentice-Hall, 2002)
  - Cyperski: Component Software (Addison-Wesley, 2003)
- Google, Yahoo, ...

# Grades

- Every team should make at least 3 (three) presentations
- Every presentation is graded:
  - 1 = Excellent, 2 = Good work, 3 = Plain working, 4 = Waste of time/resources, 5 = Failed
- The most elegant/complete and smallest/optimal solutions get 1 bonus point each. Three bonus points = you may skip one assignment 😊
- Final grade = average of all presentation's grades
- Less than 3 presentations = final grade of 4
- No presentation = "Missing in action" = no grade whatsoever

# Assignment 1 - Currency converter using Web-Services

Due date: 23.03.2006

- What are Web-Services? Explain the acronyms SOAP, WSDL, UDDI.
- Implement a currency converter application using Web-Services. The application should consist of both server and client parts. It should be possible to customize the format of the data exchanged between the server and the client.
- For testing you can use the raw XML data from European Central Bank: <http://www.ecb.int/stats/exchange/eurofxref/html/index.en.html>
- Note: For implementation you should use .NET or Java technologies.