HELSINKI UNIVERSITY OF TECHNOLOGY
Media Technology

AS-75.3600 Coursework

Eetu Mäkelä, Tuukka Ruotsalo
Semantic Computing Research Group (SeCo)
Helsinki University of Technology (TKK),
Laboratory of Media Technology
and
University of Helsinki, Department of Computer Science

http://www.seco.hut.fi/

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Coursework

- Learn to
  - Use external services from the web (Amazon.com)
  - Design patterns and methods to implement a service
  - Publish and run services in the web environment
  - Understand the role of a process language
  - Understand what semantics mean in context of web services
  - Use XML+XML Schema, SOAP, WSDL, XML-RPC, J2EE, Java Beans, Java Servlet Container + Apache Axis
- Each student will design and implement a lightweight bookshop architecture that contains a catalog service, a payment service and one external service (Amazon.com).
- One does not have to implement the actual business logic, just the service interfaces that will communicate with each other
- Written assignment considering planning and semantics

Practical issues

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- Basic XML Schema and Java skills expected
- Coursework can be done in the AS computer class room
  - Server with environment is available on each computer
  - Weekly sessions where assistants will help with the problems (Starting 11.10.2007)
  - Dates, Times etc. are available in TOPI (Use TOPI to register to the sessions!!!)
- It is possible to do the coursework in your own environment, but you will need to demonstrate the working solution in some demonstration session and return the reports in time
- Coursework contains two small written reports
  - Plan about the application (UML or similar method). appr. 2 pages
  - Home assignment about semantics in web services. Further instructions will be provided

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Time table

- Coursework demonstration sessions start on week 41 (11.10.)
- First report (plan about the application) on week 42 (18.10.)
- Implementation ready on week 48 (29.11.)
- Written assignment report on week 48 (29.11.)