



AS-75.3600 Coursework

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



- 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 catalog service, 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
- One home 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
 - Weekly sessions where assistants will help with the problems (Starting on week 40)
 - Dates, Times etc. will be available in TOPI before week 40 (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 reports
 - Plan about the application (UML or similar method). appr. 2 pages
 - Home assignment about semantics in web services. appr.

Time table



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- Coursework demonstration sessions start on week 40 (4.10.)
- First report (plan about the application) on week 41 (11.10.)
- Implementation ready on week 46 (15.11.)
- Second report on week 48 (29.11.)