

SENG 609.23: Object-Oriented Analysis and Design (Winter 2004) Assignment for Tutorials

1. Select a topic of interest from the list below or select any other topic related to Object-Oriented system development, languages, techniques, etc., that you are interested in and you may think is of interest to the class.

2. Write a short tutorial on that topic (A4/letter, 4 pages, single spaced minimum, unlimited maximum)
 - OMG Modeling Specifications (UML, MOF, XMI, CWM and Profile Specifications)
 - OMG Middleware Specifications (CORBA/IIOP Specifications; IDL / Language Mapping Specifications)
 - OMG Platform Independent Model (PIM) Specifications
 - OMG Platform Specific Model (PSM) and Interface Specifications
 - Future of UML
 - Object-Oriented measurement
 - Object-Oriented testing
 - Object-Oriented benchmarking
 - Object-Orientation vs. agent-orientation
 - Object Constraint Language (OCL)

Other topics of interest are also welcome.

The report should include a summary (executive summary), the body of the report and a conclusion. In the conclusion section you should give your own evaluation of the topic covered.

3. Evaluation criteria

The report will be marked as follows:

1. Contents of the document : 70%.
 - How well have you described the topic?
 - How well have you described the underlying concepts, definitions?
 - Did you describe the whole image of the research topic covered?
 - Have you compared different topics?
 - Did you separate the authors' ideas and those of yours clearly?

2. Presentation style and referencing : 30%.
 - Do you have an abstract, introduction and conclusions?
 - Do you have paragraphs with headings where appropriate?
 - Do you have references in the text?
 - Do you have a reference list at the end with links to papers, books or URLs where appropriate?
 - Do you have an acknowledgements section if you got any help from anyone?

4. How to Submit?

- The tutorial text can be submitted electronically. In case of electronic submission only formatted documents (MS Word, HTML, Postscript or PDF) are acceptable. Using other word processor software is encouraged but the output should be saved or converted to one of the above mentioned formats. Unformatted text or LaTeX files should be compiled or converted to Postscript or PDF before submission. HTML formatted files are acceptable only if accompanied by the inline graphics, etc. (i.e., web archive).
Electronic version of assignments should be forwarded to course instructor by email. e-mail: far@enel.ucalgary.ca
- In case of electronic submission, the student is responsible to have the electronic attachments scanned for viruses before submission. Virus infected deliverables will be deleted automatically and marked zero.
- Inquiries about the assignments can be forwarded to the course instructor.

Note: We may want to put the summary of the tutorials on the Web. If you have any objections related to this please let me know.

Deadline for tutorial: April 23rd, 2004 (Friday).

Good luck