

67-307 - A Survey of Software Architectures

Homework 1 – due 6:45 pm, Wednesday, November 1, 2006

Late homework will not be accepted.

Reading Assignment

Hint: If you don't see a question covering a particular paper, you might see a question about that paper in the short writing assignment at the beginning of class. Read all of the papers, even if you do not see a homework question covering that paper.

- Definition of Software Architecture
 - www.booch.com/architecture/blog/artifacts/Software%20Architecture.ppt
 - http://www.bredemeyer.com/pdf_files/ArchitectureDefinition.PDF
- Enterprise Architecture
 - <http://www.cio.com/archive/030105/blueprint.html?printversion=yes>
 - https://secure.cio.noaa.gov/hpcc/docita/files/ita_process_paper.htm
 - <http://www.cutter.com/offers/greatarchitect.html>

Short Answer Questions

Each of these questions should be answered in ½ to 1 page. (8.5x11 sheet). Typed sheets are preferred – if you write by hand, make sure your handwriting is legible! Submit a printed copy to me by the time the homework is due. Late homework will not be accepted.

1. Compare the class notes to the Booch description of software architecture. List 3 differences between the class notes and the Booch notes. Compare the class notes to the Bredemeyer description of software architecture. List 3 differences between the class notes and the Bredemeyer notes.
2. Briefly describe the role of Enterprise Architect and the importance of the Enterprise Architect to an organization.