

## Resources for Software Architecture

None of these are required for class, unless specifically indicated in a reading assignment. You will not need to purchase anything for this class.

### ***UML Modeling Tools***

[http://www.objectsbydesign.com/tools/umltools\\_byCompany.html](http://www.objectsbydesign.com/tools/umltools_byCompany.html)

### ***UML Cheat Sheet***

<http://www.unifiedprocessgroup.com/buildout/UMLCheatSheetv4.pdf>

### ***Software Architecture Websites***

<http://www.booch.com/architecture>

<http://www.bredemeyer.com>

<http://www.sei.cmu.edu/architecture/>

<http://www.cmcrossroads.com/bradapp/links/sw-arch-links.html>

### ***Other Software Architecture course websites***

<http://www.sts.tu-harburg.de/teaching/lehrtabelleau/softarch-uk.html>

[http://sunset.usc.edu/classes/cs578\\_2005/](http://sunset.usc.edu/classes/cs578_2005/)

<http://www.cs.drexel.edu/~bmitchel/course/cs575/>

<http://homepages.cwi.nl/~marcello/sa.html>

### ***Books***

- Software Architecture: Perspectives on an Emerging Discipline; Mary Shaw, David Garlan
- Pattern-Oriented Software Architecture, Volume 1: A System of Patterns; Frank Buschmann, Regine Meunier, Hans Rohnert, Peter Sommerlad, Michael Stal
- Designing Software Product Lines with UML: From Use Cases to Pattern-Based Software Architectures; Hassan Gomaa
- Beyond Software Architecture: Creating and Sustaining Winning Solutions; Luke Hohmann
- Evaluating Software Architectures: Methods and Case Studies; Paul Clements, Rich Kazman, Mark Klein