

Tools and Texts for CS 321

1) Java and Net Beans

Use the 5.5.1 version of Java. This is available from the sun site: Since you will need an IDE. You may want to download the complete package, which includes NetBeans 5.0. <http://www.netbeans.info/downloads/index.php>

Installation of these items is rather straightforward. No matter which computer/OS you are running on, make sure that you have the JDK for Java and not just the JRE. We will not be using the application server.

2) Documentation

Check to see if the documentation is already installed. Check to see if you have already downloaded it. If you need to install the JavaDocs documentation get it from <http://java.sun.com/javase/downloads/index.jsp> and install it in the IDE. You can also try using the Update Center inside the IDE.

3) Updates

Go to the Netbeans menu and select the updates option. Select what you like but be sure to select the UML tools.

5) Other Texts

If you can form a team you might want to get a copy of **NetBeans(TM) IDE Field Guide: Developing Desktop, Web, Enterprise, and Mobile Applications (2nd Edition)** by Patrick Keegan, Ludovic Champenois, Gregory Crawley, and Charlie Hunt (**Paperback** - May 9, 2006)

You might also look at the following as good learning references. (They are also nice to read!)

Head First Design Patterns by Elisabeth Freeman, Eric Freeman, Bert Bates, and Kathy Sierra (O'Reilly Media, October 25, 2004)

Head First Java, 2nd Edition by Kathy Sierra and Bert Bates (O'Reilly Media; 2 edition, February 9, 2005)

Head First Object-Oriented Analysis and Design: A Brain Friendly Guide to Ooa&d by Dave Wood, Bert Bates, and Kathy Sierra (O'Reilly Media, November 1, 2006)

6. Web Learning

Netbeans: tutorial, guides and articles <http://www.netbeans.org/kb/index.html>

Java: Tutorials, trails and more <http://java.sun.com/developer/onlineTraining/> In particular <http://java.sun.com/javase/reference/tutorials.jsp>

The MIT notes See: Java Preparation for 6.170 (<http://ocw.mit.edu/OcwWeb/Electrical-Engineering-and-Computer-Science/6-092January--IAP--2006/CourseHome/index.htm>) and Laboratory in Software Engineering (<http://ocw.mit.edu/OcwWeb/Electrical-Engineering-and-Computer-Science/6-170Fall-2005/CourseHome/index.htm>)