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| Software Engineering of Distributed Systems, KTH |
| Programming Web Services Homework 3 |
| Lab of UDDI |

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## 1. A short description of your activities for installation of the tools (what problems did you face)

**Answer:**

### Installation of Java EE SDK

step 1: go to <http://java.sun.com/javaee/downloads/index.jsp>

step 2: click “Download with JDK”

step 3: select Windows as Platform, English as Language, confirm the license and continue

step 4: click java\_ee\_sdk-5\_04-windows.exe and run

step5: follow the instruction to install Java EE SDK

### 1.2 Installation of Netbeans and GlassFish

step 1: go to <http://download.netbeans.org/netbeans/6.0/final/>

step 2: download “java and web EE” edition

step 3: install Netbeans with GlassFish

### 1.3 Installation of AXIS 1.4

step 1: go to <http://apache.dataphone.se/ws/axis/1_4/>

step 2: download “[axis-bin-1\_4.zip](http://apache.dataphone.se/ws/axis/1_4/axis-bin-1_4.zip)” and unzip to local disk

step 3: copy %AXIS\_HOME%/webapps/axis to %TOMECAT\_HOME%/webapps

step 4: copy %AXIS\_HOME%/lib/\* to my project lib

### 1.4 Installation of MySQL

step 1: go to <http://dev.mysql.com/downloads/mysql/5.0.html#win32>

step 2: download “Windows ZIP/Setup.EXE (x86)” and run setup

step 3: follow the install guide and install MySQL

## 2. A short description of your activities for installation the UDDI registry.

**Answer:**

step 1: go to <http://ws.apache.org/juddi/releases.html>

step 2: download [juddi-web-2.0rc5.war](http://people.apache.org/repo/m2-ibiblio-rsync-repository/org/apache/juddi/juddi-web/2.0rc5/juddi-web-2.0rc5.war)

step 3: rename juddi-web-2.0rc5.war to juddi.war

step 4: copy juddi.war to %GLASSFISH\_HOME%/domains/domain1/autodeploy

step 5: create a database named "juddi" in MySQL

step 6: dump “create\_database.sql” from juddi\_home into DATABASE juddi

step 7: start GlassFish and configure a JNDI Datasource with a name of 'jdbc/juddiDB' in the GlassFish

step 8: start GlassFish and use <http://localhost:8080/juddi> to visit juddi home page

## 3. A protocol of compilation and execution of FindBusinessEntity

**Answer:**