

PointBase Tutorial

1.- Download jdbc.tar from the csc309 calendar page to \$CATALINA_HOME/webapps

2.- Add PointBase-related JAR files to CLASSPATH in .cshrc (assumes C or T shell)

```
setenv CLASSPATH {$CLASSPATH}:/u/csc309h/lib/tomcat-5.0.28/common/lib/pbembedded41ev.jar
setenv CLASSPATH {$CLASSPATH}:/u/csc309h/lib/tomcat-5.0.28/common/lib/pbtools41ev.jar
```

2.- Start PointBase Console

```
java com.pointbase.tools.toolsConsole
```

```
java -classpath
./h/u2/csc309h/lib/pointbase/pbembedded41ev.jar:/h/u2/csc309h/lib/pointbase/pbtools41ev.jar
com.pointbase.tools.toolsConsole
```

3.- Create “sample” database

4.- Add “movies” table to the database

```
ID      integer
TITLE  character (50)
```

5.- Insert tuple into movie table

```
insert into movies values(1,'Returns of the Jedi');
```

6.- Query table

```
select * from movies;
```

7.- Close the Console

8.- Start tomcat

9.- Navigate to machinename.cdf.toronto.edu:yourport/jdbc/servlet/SQLGateway

10.- Copy pointbase.ini to \$CATALINA_HOME/bin

11.- Edit pointbase.ini

```
database.home={CATALINA_HOME} /webapps/jdbc/WEB-INF/classes
```

Servlet Debugging Tutorial

1.- Set JPDA_ADDRESS environment variable

```
setenv JPDA_ADDRESS yourdebugportnumber
```

2.- Start Tomcat in debug mode

```
$CATALINA_HOME/bin/catalina.sh jpda start
```

3.- Start NetBeans

```
/u/csc309h/lib/NetBeans3.6/bin/runide.sh
```

4.- Mount file system

5.- Attach to running Tomcat instance

6.- Add breakpoint to SQLGateway code