

## **University of Liverpool**

### **Comp220/Comp285**

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The great benefit of using ant with svn is that all your files are properly shared with your team. If anyone of the team changes a file you can receive updates each time you build the project.

In this example of the Hibernate example code, there are no source files included with the zip, they are all downloaded from the svn repository when you build the program.

The source code for the svn example is called HibernateExampleUsingSVN.zip

If you unzip and look at this code, you will see there is no src directory and the lib directory is empty, it doesn't need to all be there because the actual source code is stored in an svn repository.

### **SVN Command line tool**

To get this build file to work properly you need a path set up to the svn command line tool.

For the lab machines at Liverpool this is done for you, so nothing to do.

For windows you can just download and install TortoiseSVN that includes an SVN command line client.

For MAC you need Homebrew first (you need admin login to install) then run this... from console

```
/bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
```

You can then install svn client like this

```
brew install subversion
```

### **Running the build**

You can run the build simply by typing

```
ant
```

You can just update the project files by typing

```
ant svnupdate
```