

COMP134 – Mobile Musical Moments Project

Subversion Instructions

To access the Subversion (SVN) repository you need a Google account. After you have setup your account, please email your username to stephennancekivell@gmail.com.

Accessing SVN

To check out the code from the repository, you do not need to be logged in. If you are using SVN from the command line the simplest way to do this is to type

```
svn co https://mmoments.googlecode.com/svn/trunk/ moments --username <google username>
```

You will need to locate a directory where you are happy for your own local working copy of the code to be stored. Then to check out the code into that directory, via the command line, browse to the directory. And type the command

```
svn co https://mmoments.googlecode.com/svn/trunk/ . --username <google username>
```

This directory will now be under subversion versioning control, and any changes you make to the files can be committed to the repository.

Adding new files to repository

If you create a new code file and need to add it to the repository you can issue the command

```
svn add <filename>
```

You will then need to commit your changes

Committing your changes

Committing causes your files to be uploaded to the versioning repository as a new revision.

The command to do this is

```
svn commit -m "reason"
```

This command is best run in the root directory of the code

If you receive an error about login, or else the username is prompts you to enter is not your google one type

```
svn commit -m "reason" --username <google username>
```

Updating your working copy

It is extremely important to update your local working copy of the code before you begin to make any changes. This makes sure that all the files are the most current version.

To do this, from the root directory enter the following command

```
svn update
```

Locking and Unlocking files

It is a good idea to lock all files you are currently working on. This prevents others from modifying the same code as you. To do this you must use

```
svn lock <file>
```

To unlock a file after you are finished enter

```
svn unlock <file>
```

Please do not be hesitant to contact me if you have any queries, or need help.