

CSC 435 – A3 notes

Using the code generator

You've been provided with an executable on `linux.csc.uvic.ca` that can generate "Java assembly" from our IR. You will find it in the directory:

```
/home/jcorless/csc435/codegen/
```

Usage is as follows:

```
./codegen -file=foo.ir > foo.j
```

By default, the generator outputs to stdout, so you need to redirect it to a file, as shown above.

Generating a .class file using Jasmin

The tool we are using to generate .class files is called Jasmin. You will need to update your classpath to include the following:

```
<wherever you installed>/libs/jasmin-2708/classes/:<wherever you  
installed>libs/jasmin-2708/classes/jasmin
```

NB: The previously supplied classpath string needs to be changed to reflect the above.

Then, invoke Jasmin by typing:

```
java jasmin.Main foo.j
```

If everything works, you should see `foo.class` created in the current directory.

Execute the code by typing:

```
java foo
```