

Ling 555 — Programming for Linguists

Sharing programs — distutils

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While we are waiting

```
svn checkout svn://robfelty.com\  
/home/robfelty/svn/l555 myl555
```

course stuff

distutils

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Homework comments

course stuff

homework

homework

distutils

- Don't read in files more than once
- Don't forget about unix — use `cat` to combine files

Homework questions

course stuff

homework

homework

distutils

Installation script

course stuff

distutils

setup

sdist

Example

Basic setup.py script

```
#!/usr/bin/env python
### setup.py ###
from distutils.core import setup

setup(name='Hello',
      version='1.0',
      description='The hello world
                  app',
      author='me',
      py_modules=['hello'])
```

Installation script — commands

course stuff

distutils

setup

sdist

Example

To use your setup.py script, do:

```
python setup.py install
```

help

For more options:

```
python setup.py --help
```

```
python setup.py install --help
```

Packaging for distribution

Use the sdist command to create a source distribution to share with your friends.

Example

To create both a .zip and a .tar.gz file, do:

```
python setup.py sdist  
--formats=zip,gztar
```