

1 QCheck unit test functions

To test the QCheck unit test framework for SML, download the sml code from here : contrapunctus.net/league/haques/qcheck/

SML

```
|(* assuming that the QCheck src files are placed in this directory: *)  
|OS.FileSys.chDir "/home/tc/qcheck-1.0/src" ;  
|PolyML.make "QCheck" ;  
|fun checkSum n = n = n ;  
|open QCheck ;  
|val int = (Gen.Int.int, SOME Int.toString) ;  
|checkGen int ("unit test", pred checkSum) ;
```

...then running this code via the Command menu in xpp (Execute Selection) fails with this exception: "File QQQQCheck not found", yet running it in the PolyML interpreter directly. i.e. by starting poly, then typing `use "UT.sml"`;, it works perfectly.

Text written to file labdoc.sh

```
|doctex UT.doc  
|pdflatex UT.tex  
|gsview UT.pdf &
```

Bourne Shell

```
|chmod 755 labdoc.sh
```