

I have put the support functions for program #3 on Canvas. This creates a library (.a file) that includes the sendtoErr() code and the internet checksum code. It also creates the libraries .h file called cpe464.h.

To use this code:

1) Download the tar file (libcpe464) from the Canvas page

2) Untar it: **tar xf libcpe464_2.21.tar**

3) Build the library: **make -f build464Lib.mk**

This will produce a library **called libcpe464.2.21.a** and header files called **cpe464.h** and **checksum.h**.

The Makefile provide with the UDP code needs to be changed to link in this library. In the Makefile you need to uncomment line 11 which is:

```
9
10  #uncomment next line if your using sendtoErr() library
11  LIBS += libcpe464.2.21.a -lstdc++ -ldl
12
```