

*****Draft*****

Installing Wine on Ubuntu 16.04 sim2

02/07/16

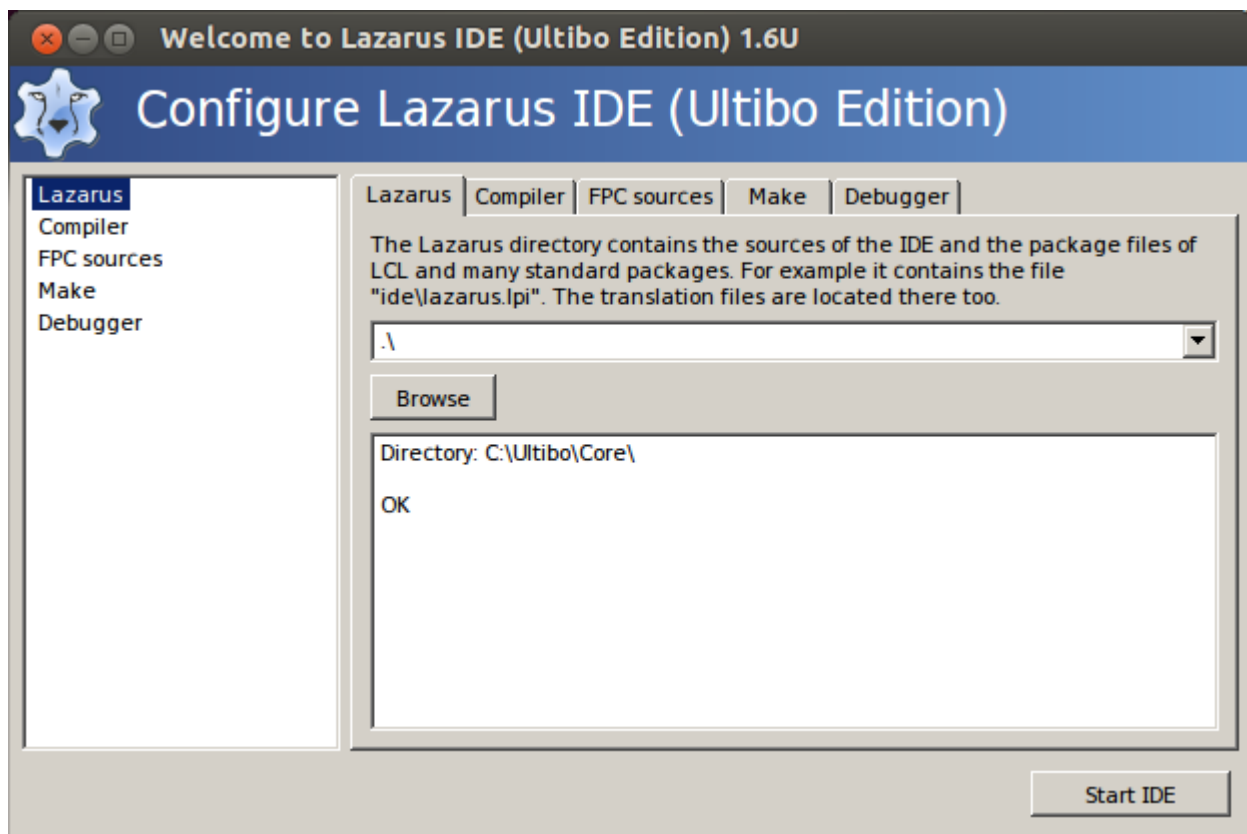
*****Draft*****

```
sudo apt-get update
sudo apt-get install wine
sudo apt-get install binutils-arm-none-eabi
sudo apt-get install gcc-arm-none-eabi
```

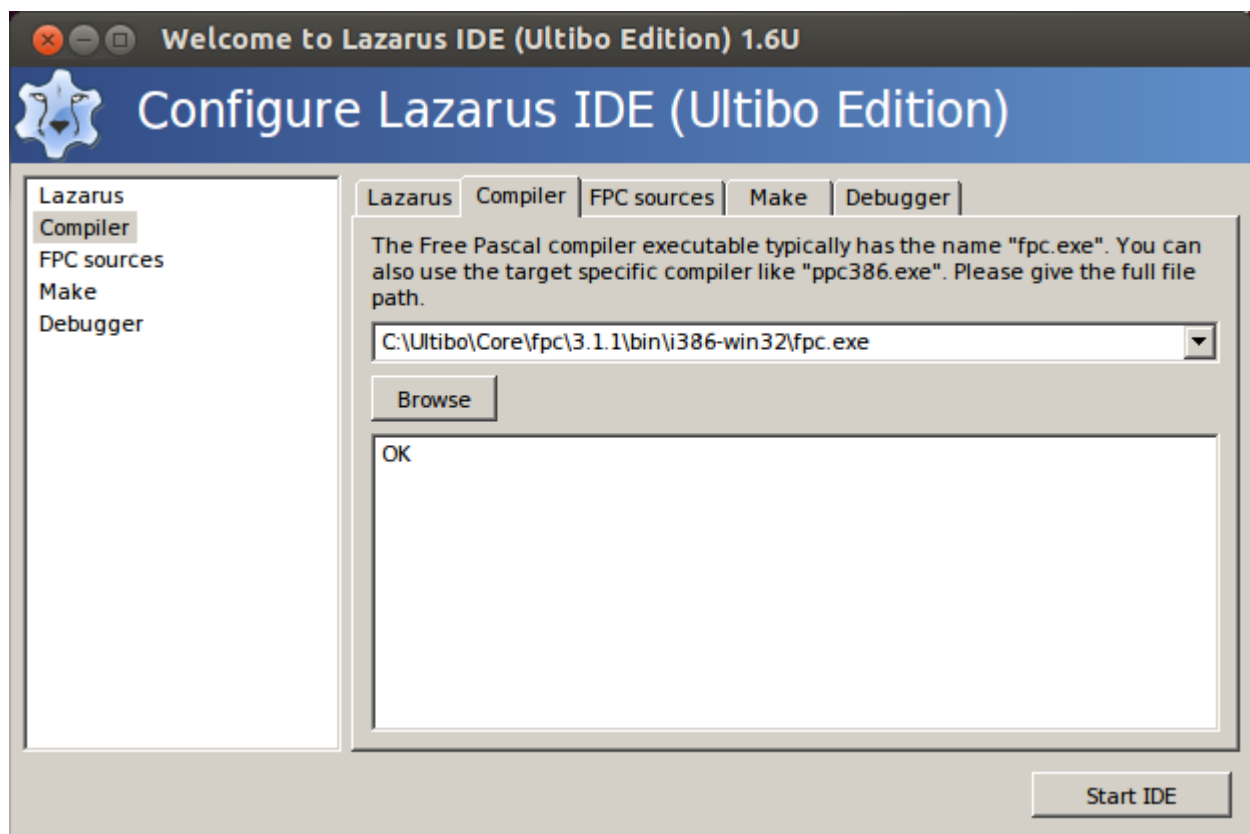
```
vidal@sim2:~$ wine Ultibo-Core-1.3.077-Cucumber.exe
```

```
/home/vidal/.wine/drive_c/Ultibo/Core
```

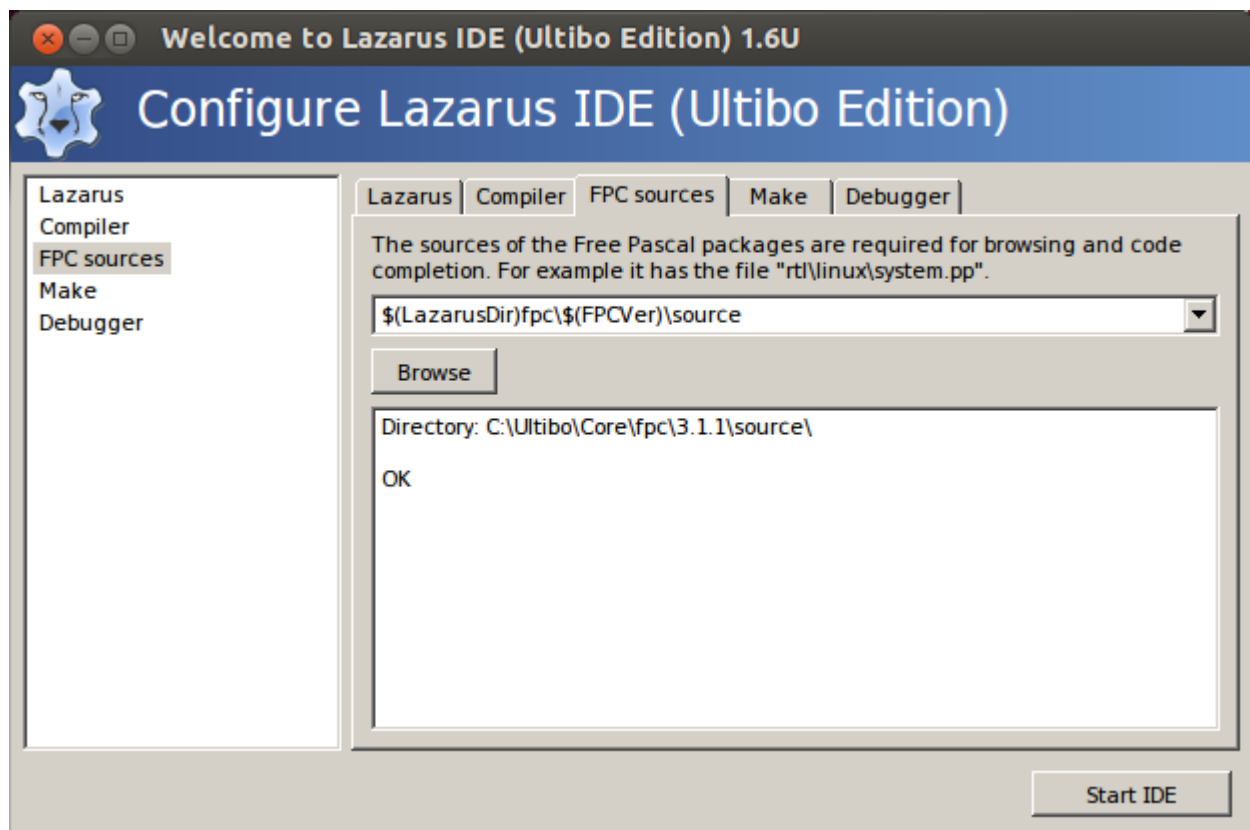
```
vidal@sim2:~/.wine/drive_c/Ultibo/Core$ wine startlazarus.exe
```



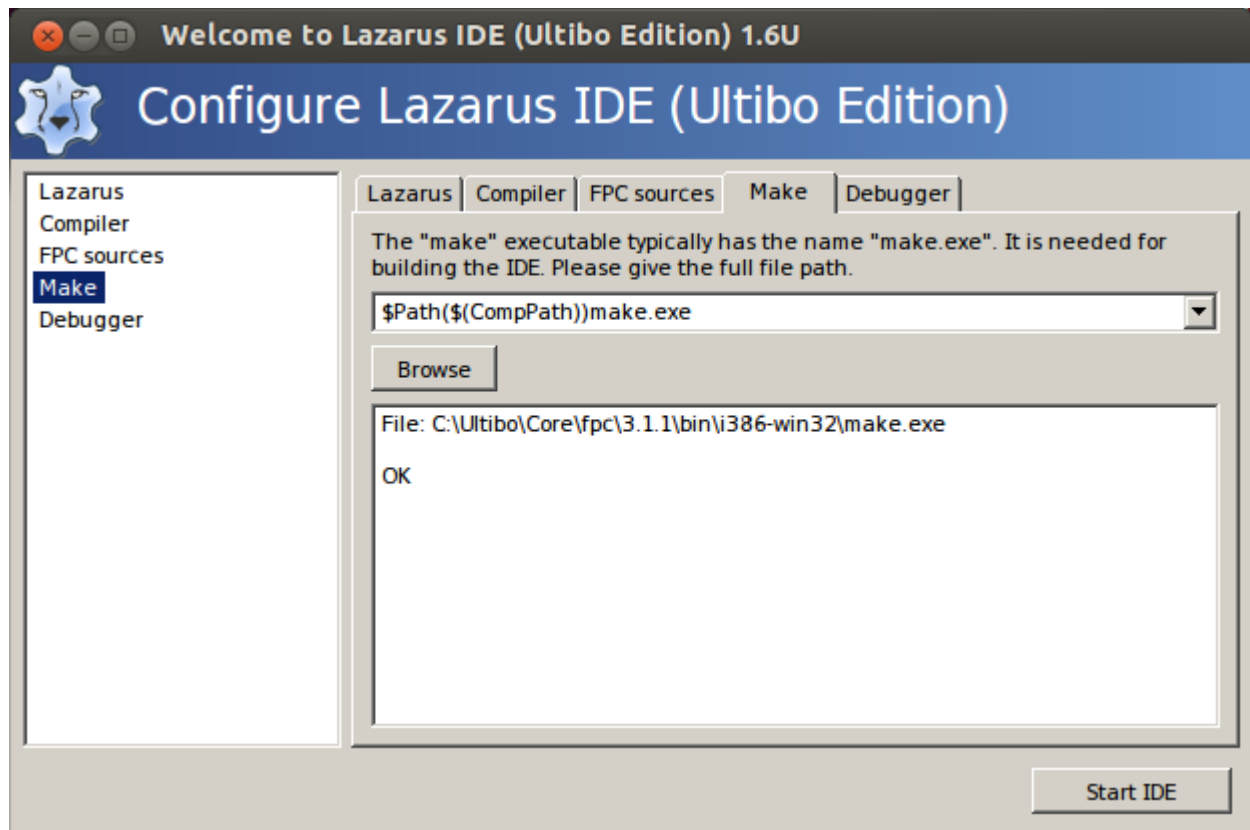
Compiler



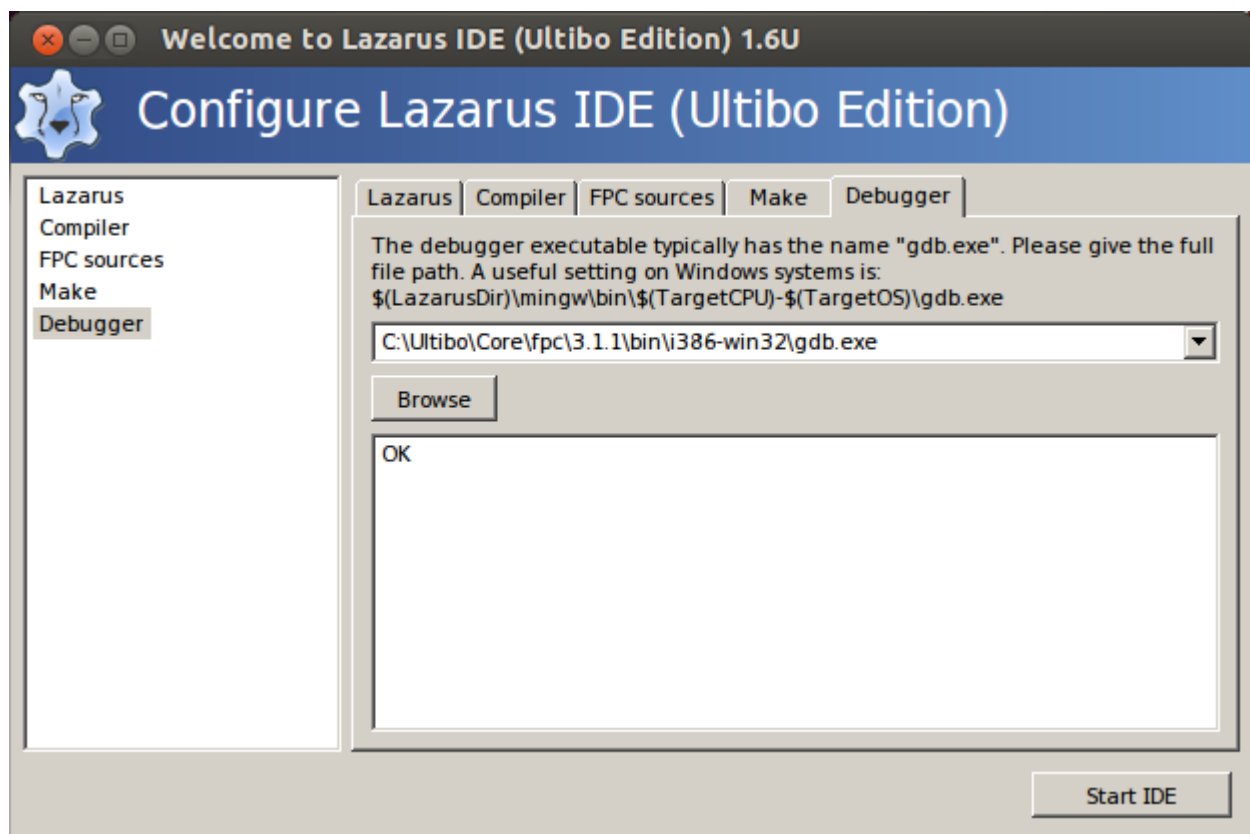
FPC Sources



Make



Debugger

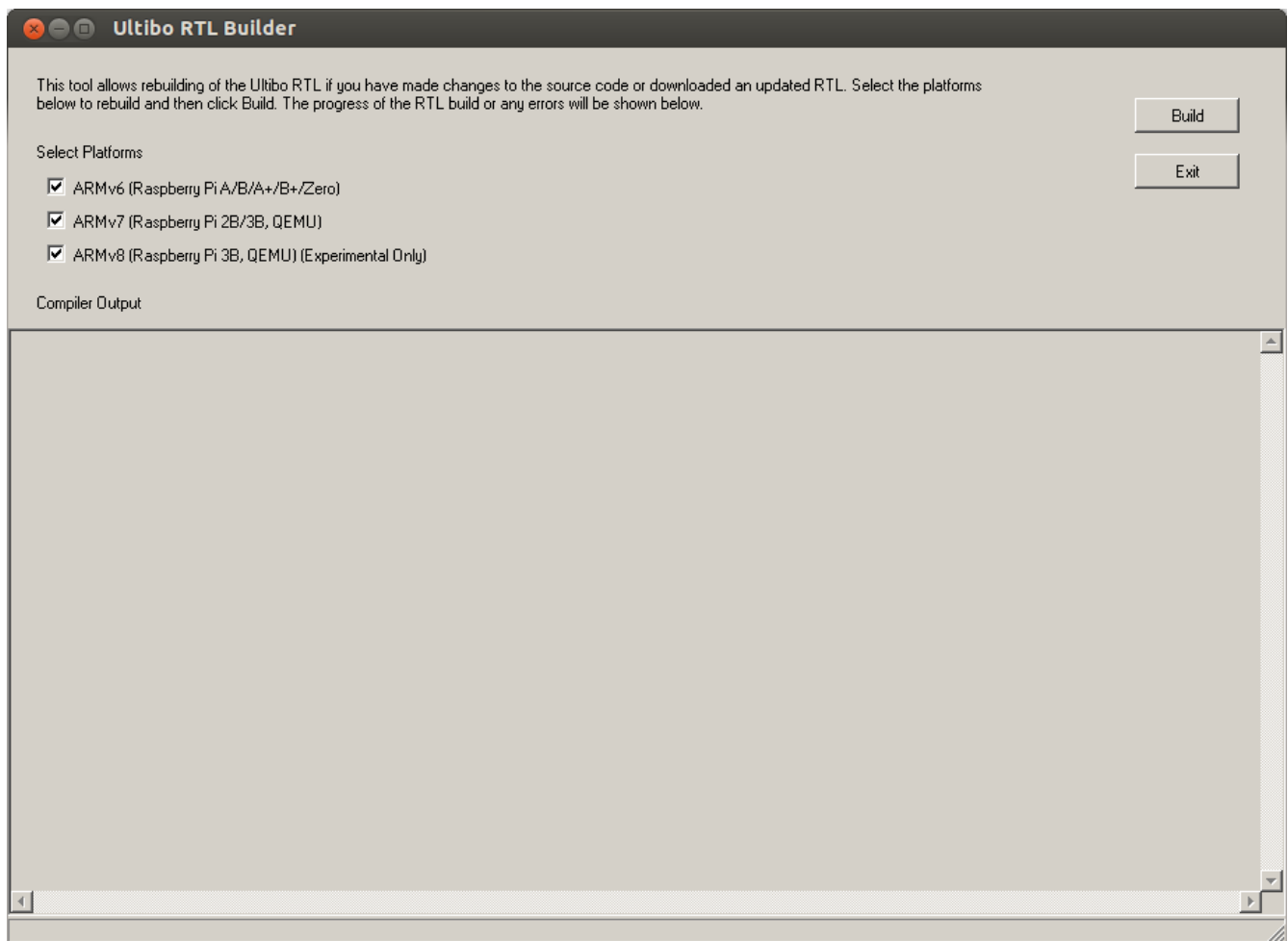


commit 63af0987b6ca8e075627d84a52332ad043b9d4c8

Author: Ultibo <admin@ultibo.org>

Date: Wed Dec 28 16:18:08 2016 +1100

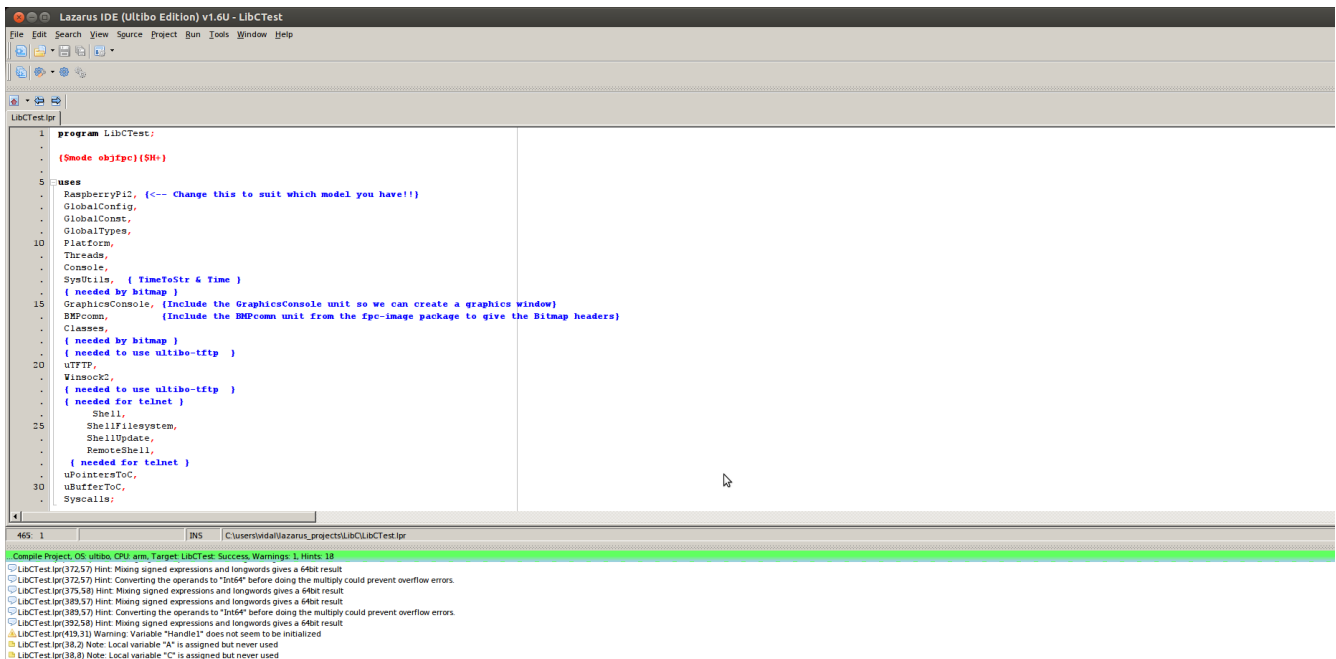
Update gitignore to allow __buildrtl.bat
vidal@ws009:~/wkg/Core/source/rtl\$ cp -R ultibo/ ~/.wine/drive_c/Ultibo/Core/fpc/3.1.1/source/rtl/



Need to compile the file test.c to test.o with the command ***“arm-none-eabi-gcc -O2 -mabi=aapcs -marm -march=armv7-a -mfpv3-d16 -mfloat-abi=hard -c test.c”***

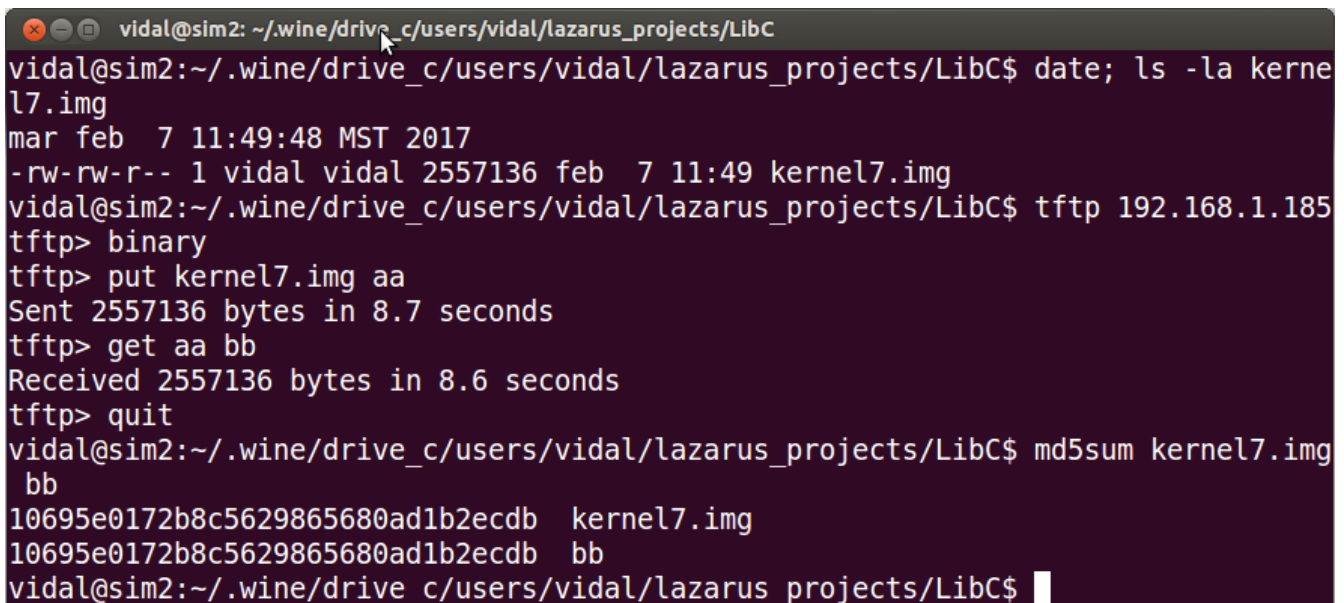
Need to create the file libtest.a from the file test.o with the command ***“arm-none-eabi-ar rcs libtest.a test.o”***

Created a project LibCTest from the file LibCTestRPI2.lpr



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Transfer kernel7.img to target RPi3.



Once the kernel7.img has been transferred as aa.

```
vidal@sim2: ~/.wine/drive_c/users/vidal/lazarus_projects/LibC
Ultibo Core (Release: Cucumber Version: 1.3.077 Date: 28/12/2016)
(Type HELP for a list of available commands)
>del kernel7.img
C:\>del MySavedBitmap.bmp
C:\aaopy aa kernel7.img
      1 file(s) copied

Goodbye!ut
Connection closed by foreign host.
vidal@sim2:~/.wine/drive_c/users/vidal/lazarus_projects/LibC$
```