

## OSP Check sheet 1 – Cross Compiler

Input	Expected result / output	Verified
cd \$HOME/cross/cross-tools/bin ldd arm-unknown-linux-uclibcgnueabi-ar   grep `whoami`	If this returns nothing then the student did not build the compiler as this user.	✓
cd \$HOME/cross/rootfs	Should return 245	✓
find . -type d   wc -l	Should return 1815 245	✓
cd \$HOME/cross/images	boot the image the student created.	✓
/share/tools/bin/qemu-system-arm -M versatilepb -cpu arm1176 -m 256 -kernel kernel-qemu -initrd fs.img -append "root=/dev/ram rdinit=/bin/sh console=ttyAMA0" -nographic	Should see a "#" prompt	✓
which find	Returns /usr/bin/find	✓
find .   wc -l	Returns 2101 2100	✓
vi -v	Should fail. Returns /bin/vi: invalid option -- v BusyBox v1.21.0 (2013-07-27 16:16:25 EST) multi-call binary.  Usage: vi [OPTIONS] [FILE]...  Edit FILE  -c CMD Initial command to run (\$EXINIT also available) -R Read-only -H List available features	✓
Ctrl-A x	Exit.	✓

Team name: Team P1 Lab time: Friday 14:30-15:30 Date of demonstration: 16/08/13

Result of demonstration: Requirements fulfilled ☒ Resubmit ☐ Demonstrator name: Peter George Signed: [Signature]