

## **Project 1 and Conquerency 1**

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Abstract: This paper includes information on how to build and work on kernel plus information on choices I made making a multi threaded consumer producer program.

## WRITE-UP

### *Project 1*

*Log of commands for Project1:* - git init

- git clone git://gityoctoproject.org/linux-yocto-3.14
- git checkout -b v3.14.26
- git tag -l
- cp .config cp sb-sdk-qemux.ex3
- source /scratch/opt/environment-setup-i586-linux
- make -j4 all
- qemu-system-i386 -gdb tcp::5630 -S -nographic -kernel linux-yocto-3.14/arch/x86/boot/bzImage -drive file=core-image-lsb-sdk-qemux86.ext3,if=virtio -enable-kvm -net none -usb -localtime -no-reboot -append "root=/dev/vda rw console=ttyS0 debug"
- opened another putty session
- gdb
- target remote localhost:5630
- c
- uname -r

### *Conquency 1*