

## **Writeup 1**

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### **Abstract**

This first write up describes important details from the completion of Project 1 for D. Kevin McGrath's Operating Systems II class. Topics from Project 1 that are to be covered in this work include the building of the Linux Yocto kernel on Oregon State's engineering server, usage of the qemu virtual machine, and a solution of the Producer-Consumer concurrency problem using the C programming language's POSIX threads execution model.

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# **1 Log of Commands to Build Yocto Kernel**

put code here

# **2 Log of Commands to Load Qemu**

# **3 Flags in the listed Qemu command line**

# **4 Concurrency Writeup**

# **5 Reflection**

The following subsections answer the four questions as outlined on the Project 1 page on Kevin McGrath's course website.

## **5.1 Main point of assignment**

## **5.2 Personal approach to problem**

## **5.3 Ensuring solution was correct**

## **5.4 What I learned**

# **6 Version control log**

# **7 Work log**