

CS 415 Software Installation Instructions

This document describes how to install the Oregon ADT and the Oregon BXP libraries on a Debian Linux system. **Note that if you have created a new virtual machine in VirtualBox using the Debian image that I provided, you do NOT have to do this!**

Installing the Oregon ADT library

- Create a terminal window in your Debian Linux system
- If `~/tmp` does not exist, `mkdir ~/tmp`
- retrieve the appropriate gzipped tar archive from Canvas/Files/Install, placing it in `~/tmp`; if your machine has an Intel processor, you will retrieve `P3ADTS-INTEL.tgz`; if it is an ARM processor, you will retrieve `P3ADTS-ARM.tgz`
- `cd ~/tmp`
- `tar zxvf P3ADTS-*.tgz # this will create ~/tmp/adts with the files to install`
- `cd adts`
- `sudo make installheaders`
- `sudo make installlibrary`
- `sudo make installmanpages`
- `cd ..`
- `rm -rf adts`

Installing the Oregon BXP library

- Create a terminal window in your Debian Linux system
- If `~/tmp` does not exist, `mkdir ~/tmp`
- retrieve the appropriate gzipped tar archive from Canvas/Files/Install, placing it in `~/tmp`; if your machine has an Intel processor, you will retrieve `P3BXP-INTEL.tgz`; if it is an ARM processor, you will retrieve `P3BXP-ARM.tgz`
- `cd ~/tmp`
- `tar zxvf P3BXP-*.tgz # this will create ~/tmp/bxp with the files to install`
- `cd bxp`
- `sudo make installheaders`
- `sudo make installlibrary`
- `sudo make installmanpages`
- `cd ..`
- `rm -rf bxp`