

CSE 542 Small Home Work Project 2

Assigned: Tues, Sep 7

Due: Thurs, Sep 16, 11:00AM

Late submissions will not be accepted

Group effort

The primary goal for this project is to familiarize yourself with configuring and building a kernel to better suit your hardware. For this project, start with a vanilla Linux installation. You must install a Linux 2.6.x kernel from source code. You can download the source code directly from www.kernel.org, Run commands such as `lsmod` and `lspci` (use the manual pages on a running Linux system to see what these commands do) to make sure that modules that are available in the current system are also available in your new installation and all the devices have corresponding device drivers. As before, I define a working system as something where you can locally login and then remotely login to the department server, `wizard.cse.nd.edu`. You will report how you configured the Processor type, Power management system (ACPI/APM), Device drivers and File system options.