

Lecture 9 home work

Read the remainder of chapter 7 and 12, focussing on creating user-level address spaces.

Assignment: Draw the prototype segmentation registers and explain their contents after the call to `estabur()` on line 3152 has completed. Also, explain the values that `sureg()` stores in the hardware segmentation register. Finally, draw a picture of a user address space, and how the kernel maps it into physical memory. You may assume the kernel is running on the PDP11/40. The figures in chapter 7 and the explanation of `exec` in Chapter 12 may be helpful.