

CSE 60641: Operating Systems

Home work assignment #3

Open book, open notes, individual effort. Google searches are okay - always cite your source.

The past few papers covered topics such as Microkernels, Exokernels, Monolithic kernels, SPIN, Proof Carrying code and Nooks. Describe the pros and cons of each approach with respect to *extensibility*, *safety* and *performance*. Be brief, I will read no more than three sentences each for pros and cons for each technique. A preferred answer format is:

Exokernels:

Pros:

- extensibility: ...
- safety: ...

Cons:

- extensibility: ...
- performance: ...