

NunyaOS

Week 5



Updates

- Window: Graphics testing module up for review with issues, mouse problems
- Memory: Demand paging and memory measurement up for review
- FS: ISO interface up for review, began working on syscall



Window Management

- Built out framework for running graphics testing (demo)
- Still blocked on mouse integration because of memory issues
 - Polling succeeds (demo), interrupts failing



Memory Management

- pagefault.c/h handle allocation of new pages in response to interrupt
 - demo) 0x001A0000 bug back, attempts to fix it not yet succeeding
- Entering user mode put on hold to solve bug
 - We'll need to be able to allocate more than just a few pages, which is all we have now.



File System

- Corrected bug in iso_f[open | read | close] interface (demo)
- Implemented iso_d[open | read | close] interface
- Began work making f[open | read | close] available via syscall



Future Plan

- Lots of CRs to do and PRs to get in
- Solve the root problem of the PS/2 interrupt
- Solve the root problem of memory space 1A0000
- Bring file calls to syscall interface
- Get ata to make map of devices for choosing driver on fopen



Questions

- Any idea at all why VirtualBox is hating memory location 1A0000?
- Hardware interrupts not working for mouse?

