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Last login: Mon Nov 27 00:16:10 on ttys002
Sushmithas-MacBook-Air:~$ ls
BitMap.c      FileStuff.c  Kernel.s      Main.c        MyProgram.c  Runtime.s     System.o      TestProgram1.o  TestProgram2.o  UserSystem.h  os
BitMap.h      FileStuff.h  List.c        Main.h        MyProgram.h  Switch.o      System.s      TestProgram1.s  TestProgram2.s  UserSystem.o  proj5.doc
BitMap.o      Kernel.c     List.h        Main.o        MyProgram.o  Switch.s      TestProgram1  TestProgram2    UserRuntime.o  UserSystem.s  proj5.htm
BitMap.s      Kernel.h     List.o        Main.s        MyProgram.s  System.c      TestProgram1.c  TestProgram2.c  UserRuntime.s  index.html    proj5.pdf
DISK          Kernel.o     List.s        MyProgram     Runtime.o     System.h      TestProgram1.h  TestProgram2.h  UserSystem.c   makefile      proj5_files

Sushmithas-MacBook-Air:~$ make
kpl Kernel-unsafe
asm Kernel.s
lddd Runtime.o Switch.o System.o List.o BitMap.o Kernel.o Main.o -o os
diskUtil -i
diskutil: did not recognize verb "-i"; type "diskutil" for a list
make: *** [DISK] Error 1
Sushmithas-MacBook-Air:~$ sushmithashridhar$ blitz -g os
Beginning execution...
===== KPL PROGRAM STARTING =====
Initializing Thread Scheduler...
Initializing Process Manager...
Initializing Thread Manager...
Initializing Frame Manager...
AllocateRandomFrames called.  NUMBER_OF_PHYSICAL_PAGE_FRAMES = 100
Initializing Disk Driver...
Initializing File Manager...
User-level program 'TestProgram1' is running...

**** Testing Syscall Parameter Passing ****

**** About to call Sys_Yield...
**** Should print:
****      Handle_Sys_Yield invoked!

Handle_Sys_Yield invoked!

**** About to call Sys_Fork...
**** Should print:
****      Handle_Sys_Fork invoked!

Handle_Sys_Fork invoked!

**** About to call Sys_Join...
**** Should print:
****      Handle_Sys_Join invoked!
****      processID = 1111

Handle_Sys_Join invoked!
processID = 1111

**** About to call Sys_Create...
**** Should print:
****      Handle_Sys_Create invoked!
****      virt addr of filename = 0x0000BFF8
****      filename = MyFileName

Handle_Sys_Create invoked!
virt addr of filename = 0x0000BFF8
filename = MyFileName

**** About to call Sys_Open...
**** Should print:
****      Handle_Sys_Open invoked!
****      virt addr of filename = 0x0000BFF8
****      filename = MyFileName

Handle_Sys_Open invoked!
virt addr of filename = 0x0000BFF8
filename = MyFileName

**** About to call Sys_Read...
**** Should print:
****      Handle_Sys_Read invoked!
****      fileDesc = 2222
****      virt addr of buffer = 0x0000B0B0
****      sizeInBytes = 3333

Handle_Sys_Read invoked!
fileDesc = 2222
virt addr of buffer = 0x0000B0B0
sizeInBytes = 3333

**** About to call Sys_Write...
**** Should print:
****      Handle_Sys_Write invoked!
****      fileDesc = 4444
****      virt addr of buffer = 0x0000B0B0
****      sizeInBytes = 5555

Handle_Sys_Write invoked!
fileDesc = 4444
virt addr of buffer = 0x0000B0B0
sizeInBytes = 5555

**** About to call Sys_Seek...
**** Should print:
****      Handle_Sys_Seek invoked!
****      fileDesc = 6666
****      newCurrentPos = 7777

Handle_Sys_Seek invoked!
fileDesc = 6666
newCurrentPos = 7777

**** About to call Sys_Close...
**** Should print:
****      Handle_Sys_Close invoked!
****      fileDesc = 8888

Handle_Sys_Close invoked!
fileDesc = 8888

**** About to call Sys_Exit...
**** Should print:
****      Handle_Sys_Exit invoked!
****      returnStatus = 9999

Handle_Sys_Exit invoked!
returnStatus = 9999

**** Syscall Test Complete ****

**** Testing Exec Syscall ****

**** About to call Sys_Exec with a non-existent file...
**** Should print:
****      Okay

Okay

**** About to call Sys_Exec with an overly long file name...
**** Should print:
****      Okay

Okay

**** About to perform a successful Exec and jump to TestProgram2...

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**** Should print:
****      User-level program 'TestProgram2' is running!

User-level program 'TestProgram2' is running!

**** About to call Sys_Shutdown...
**** Should print:
****      FATAL ERROR in UserProgram: "Syscall 'Shutdown' was invoked by a user thread" -- TERMINATING!

FATAL ERROR in UserProgram: "Syscall 'Shutdown' was invoked by a user thread" -- TERMINATING!

(To find out where execution was when the problem arose, type 'st' at the emulator prompt.)

===== KPL PROGRAM TERMINATION =====

**** A 'debug' instruction was encountered ****
Done! The next instruction to execute will be:
001078: C0100000      sethi    0x0000,r1      ! 0x00001000 = 4232 (noGoMessage)

Entering machine-level debugger...
=====
****                               ****
****      The BLITZ Machine Emulator      ****
****                               ****
****      Copyright 2001-2007, Harry H. Porter III      ****
****                               ****
=====

Enter a command at the prompt. Type 'quit' to exit or 'help' for
info about commands.
>
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