

READ ME

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1. Start The IPC:

1. Login : root
2. Goto : cd /root/PROJECT2/FINAL/API
3. Start : ./run
4. Multiplayer: (ALT + F2) to start up another terminal, up to 4 terminals

2. Install the IPC using Source Code: **(For advanced user only)**

1. Prerequisites:
 - (1). FTP upload the folder PROJECT2 to /root directory
2. Copy files :
 - (1). cd /root/PROJECT2/FINAL/ASM
 - (2). cp * /usr/src/lib/libc/syscall/
 - (3). cd /root/PROJECT2/FINAL/LIBS
 - (4). cp * /usr/src/lib/libc/posix/
 - (5). cd /root/PROJECT2/FINAL/SERVERS
 - (6). cp Makefile_PM /usr/src/servers/pm/Makefile
 - (7). cp table_PM.c /usr/src/servers/pm/table.c
 - (8). cp table_VFS.c /usr/src/servers/vfs/table.c
 - (9). cp unistd.h /usr/src/include/
 - (10). cp callnr.h /usr/src/include/minix
 - (11). cp cs551_ipc.c /usr/src/servers/pm/
 - (12). cp cs551_ipc.h /usr/src/servers/pm/
3. Build the SYSTEM CALLs:
 - (1) cd /usr/src
 - (2) make includes
 - (3) cd /usr/src/lib

- (4) make depend
- (5) make
- (6) make install
- (7) cd /usr/src
- (8) make libraries
- (9) cd /usr/src/tools
- (10) make hdbboot

4. Boot the new system:

- (1) shutdown
- (2) >image=/boot/image/3.1.8rX <X is the new image number created in step 3>
- (3) boot

5. Play the IPC:

- (1) Login : root
- (2) Goto : cd /root/PROJECT2/FINAL/API
- (3) Compile : make
- (4) Start : ./run
- (5) Multiplayer : (ALT + F2) to start up another terminal, up to 4 terminals

3. What's in Project2.rar?

- 1. Documentationfolder
- 2. source code folder
- 3. Readme.pdf

4. What's in the VM?

- 1. Minix 3.1.8
 - 2. Source code in:
 \root\PROJECT2\
 - 3. Pre-installed Project2 runnable files:
 \root\PROJECT2\FINAL\API\run
- 1. Multiple terminals are needed to run this application.
 - 2. The design document is in DesignDocument.doc file
 - 3. The test cases are in the TestCase.xls file