

VM/370 - 3380 Host System Setup

Preparation I

This is intended to be a case-study (for those who are new to VM/370) in *How Things Work* through the use of a practical systems programming activity: Installing and migrating to new hardware.

1. Read "What Mother Never Told You About VM Maintenance" by Melinda Varian
2. Download the [VM/370 SixPack 1.3 Beta 3](#)
3. Install or [Build Hercules 4.0 \(a.k.a. Hyperion\)](#)

Optional:

- Replace Sixpack.cmd with the following (make whatever edits you need). It's a better selector tool for the configurations

[sixpack.cmd](#)

```
@echo off
:: This command file launches the VM/370 SixPack.
:: Ensure that the Hercules executable (hercules.exe) is in your path.
setlocal
%~d0
cd %~dp0
path=E:\Engineering\SDL.hyperion\hyperion\msvc.sz.AMD64.bin;%PATH%

:Options
cls
Echo ::
Echo :: %Date% %Time% - %~dpf0
Echo ::
Echo :: VM/370 R6 "SixPack" version 1.3 Beta 3
Echo ::
Echo ::   Options: 3350 Configuration [5]
Echo ::           3380 Configuration [8]
Echo ::           VM/370 Window      [V]
Echo ::           Prompt              [P]
Echo ::           Exit                [X]
Echo ::

:Choices
CHOICE /C 58VPX /M "Select Option: "
IF %ERRORLEVEL% EQU 5 exit
IF %ERRORLEVEL% EQU 4 goto :EndProc
IF %ERRORLEVEL% EQU 3 goto :SelectLOCALVMTerm
IF %ERRORLEVEL% EQU 2 set _configFile=sixpack.3380.conf
IF %ERRORLEVEL% EQU 1 set _configFile=sixpack.3350.conf
IF .%_configFile% EQU . GOTO :Choices
```

```
start hercules -f %_configFile% > Log.txt
goto :Options

:SelectLOCALVMTerm
cls
Echo ::
Echo :: %Date% %Time% - %~dpf0
Echo ::
Echo :: WC3270 Terminal Options - Local VM/370
Echo ::
Echo ::      WC3270 CMD Window          [W]
Echo ::      80x24 3278 Model 2        [2]
Echo ::      80x32 3278 Model 3        [3]
Echo ::      80x43 3278 Model 4        [4]
Echo ::      132x27 3278 Model 5       [5]
Echo ::      Return                   [R]
Echo ::      Exit                     [X]
Echo ::

cd WC3270
:: Now start the 3270 emulator.
:: Feel free to replace this with your preferred terminal emulation
program.
CHOICE /C W2345RX /M "Select Option: "
IF %ERRORLEVEL% EQU 7 Exit
IF %ERRORLEVEL% EQU 6 goto :WCReturn
IF %ERRORLEVEL% EQU 5 start wc3270.exe -keymap 3270 -title "VM 3270
Model 5" Model5.wc3270
IF %ERRORLEVEL% EQU 4 start wc3270.exe -keymap 3270 -title "VM 3270
Model 4" Model4.wc3270
IF %ERRORLEVEL% EQU 3 start wc3270.exe -keymap 3270 -title "VM 3270
Model 3" Model3.wc3270
IF %ERRORLEVEL% EQU 2 start wc3270.exe -keymap 3270 -title "VM 3270
Model 2" Model2.wc3270
IF %ERRORLEVEL% EQU 1 start cmd.exe /k "cd
E:\Emulation\VM370.6Pack.1.3\WC3270"
goto :SelectLOCALVMTerm

:WCReturn
cd ..
goto :Options

:EndProc
endlocal
cls
Echo :: Environment restored to default
Prompt $P$_$N$G
```

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