

OS Batch Scripting Scenario and Analysis

Scope

John saves the work on his machine to a special work-in-progress subdirectory called WIP under the root directory of primary storage on his personal computer. John **requires** a script that, upon execution will create this folder from scratch upon bootup everyday. He also **requires** a listing of files on the root directory of his removable storage device and wants all the contents of WIP be saved on this removable storage device upon the close of work everyday. He **optionally** needs user-friendly code since his computer-shy assistant will more than likely use it when working unsupervised. His assistant often forgets to put the CDROM in the machine and overlooks the missing files because he works on both John's older MSDOS personal computer and his own newer Windows 98 machine. The transfer of work from the temporary WIP directory to the removable storage is very important since his assistant will continue to work on both machines in the future.

Resources

John does not have a text or line editor. He has prepared a storage volume formatted with MSDOS 6.22. He stores business files on a CDROM. The CD player is installed in his personal computer.

Timeline

He needs this script in 24 hours.

Solution

He has created the following files on his personal computer:

config.sys file:

```
device-oakcdrom.sys /d:cd01
```

autoexec.bat:

```
@echo off  
mscdex /d:cd01 /l:m  
smartdrv 16000  
myview.bat
```

He creates and saves the following batch script, ***myview.bat***, on his personal hard drive:

```
@echo off  
rd wip  
md wip  
echo Put the CDROM in the drive.  
pause  
dir m:\
```

Analysis

Does this solution, in the time allotted,

- provide for all requirements and all optional requests?
- provide for all requirements and some optional requests?
- provide for some requirements but no optional requests?
- provide neither requirements nor optional requests?