Format the Compact Flash Disk

A special computer has been setup to format the CF disks without using the PC-104.

What you will need.
- An xPC boot Disk created on a Windows PC running Matlab. See below
- A CF flash disk.
- The Flash programming PC in Ford B100 lab office.

1. First insert your CF disk in the Compact Flash Reader on the programming PC.
Note: You must put the CF disk in the reader before turning on the PC.
2. Turn on the PC, and wait for the PC to boot DOS.
3. Enter the FDISK utility by typing `fdisk` then press enter.
4. Use the menu to delete every partition on the CF drive (c:)
5. After all partitions are deleted, create a single new Primary DOS partition
6. The PC will have to be restarted.
7. After the computer reboots. Reset the Master Boot Record (MBR) by typing `fdisk /mbr`
8. Now format the CF as a DOS boot disk by typing `format c: /s` then press enter.
9. Put your xPC floppy disk in the floppy drive on PC.
10. Type `filecopy.bat` then press enter. This will copy your xPC files to the CF disk.
11. The process is complete, you can now shutdown the computer then remove your floppy and CF disk.
xPC Boot Disk

In this section, you will create a boot disk to load the xPC operating system on the Target PC. You must first configure your target PC in xpcexplr (See: Configuring xPC Target PC). If you wish to boot from a floppy disk, you can stop after Step 4. Open Matlab on the Host PC and run xpcexplr

1. Under TargetPC1, click on "Configuration" and select "DOSLoader" from the drop-box

![xPC Target Explorer](image)

2. Insert the disk into the Host PC floppy drive.
3. Click "Create Bootdisk"