Creating a MakeMyDSL CD
submitted by clivesay from the DSL forums

This howto will describe how to create a MakeMyDSL custom livecd will all your personal files, preferred applications and settings.

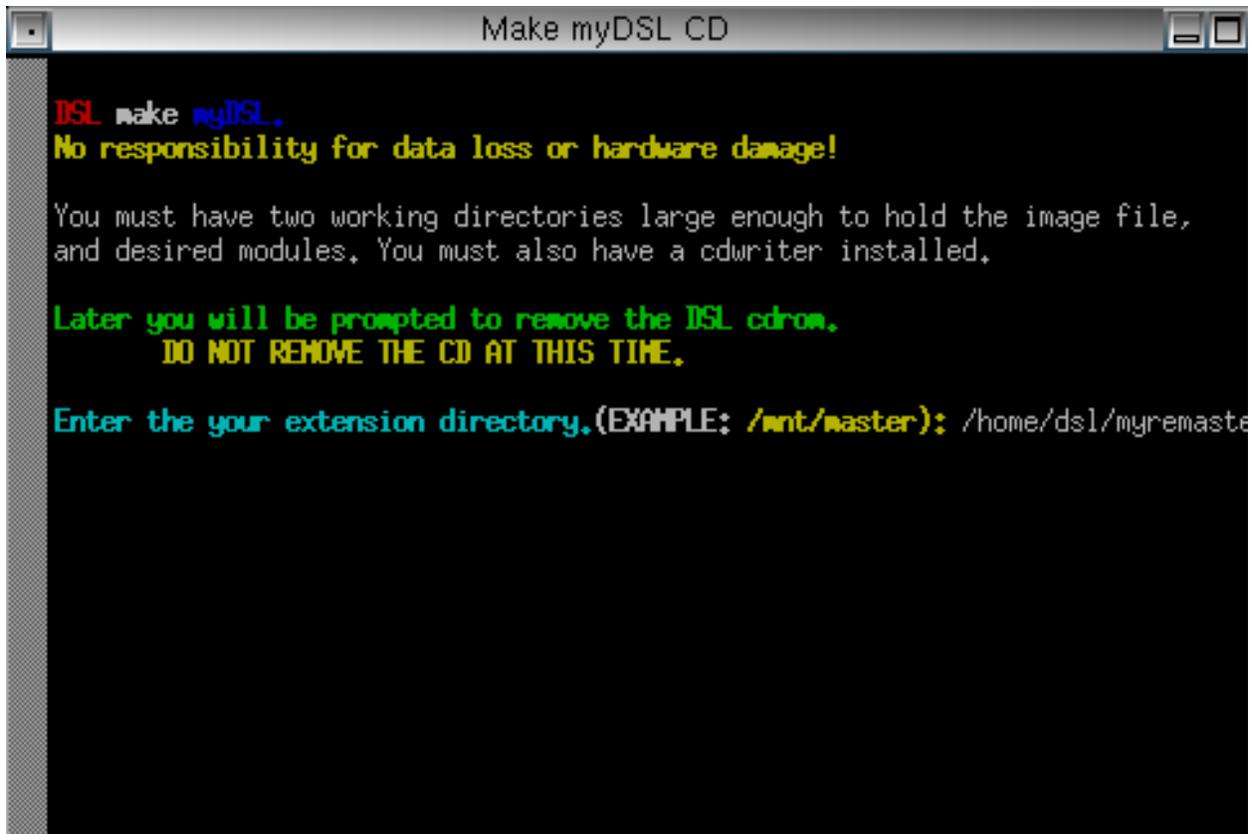There are a few requirements that need to be met before running the mkmydsl script.

1. You must be running the DSL LiveCD in toram mode. This is accomplished by booting the
     CD with the bootcode '*dsl toram*'.
2. You can make a directory to hold all the files needed to create a remastered iso. For this
     lesson we will have a '*/home/dsl/myremaster*' directory for remastering. If you have low
     ram, it is suggested you create your remaster directory on a hard drive partition such as
     '*/mnt/hda3/myremaster*'. This partition must be mounted before the script is started.

NOTE:
If you have an exisitng directory of mydsl extensions to use, you can enter the path to that directory for your remaster. Make sure the partition containing your mydsl extensions is mounted.
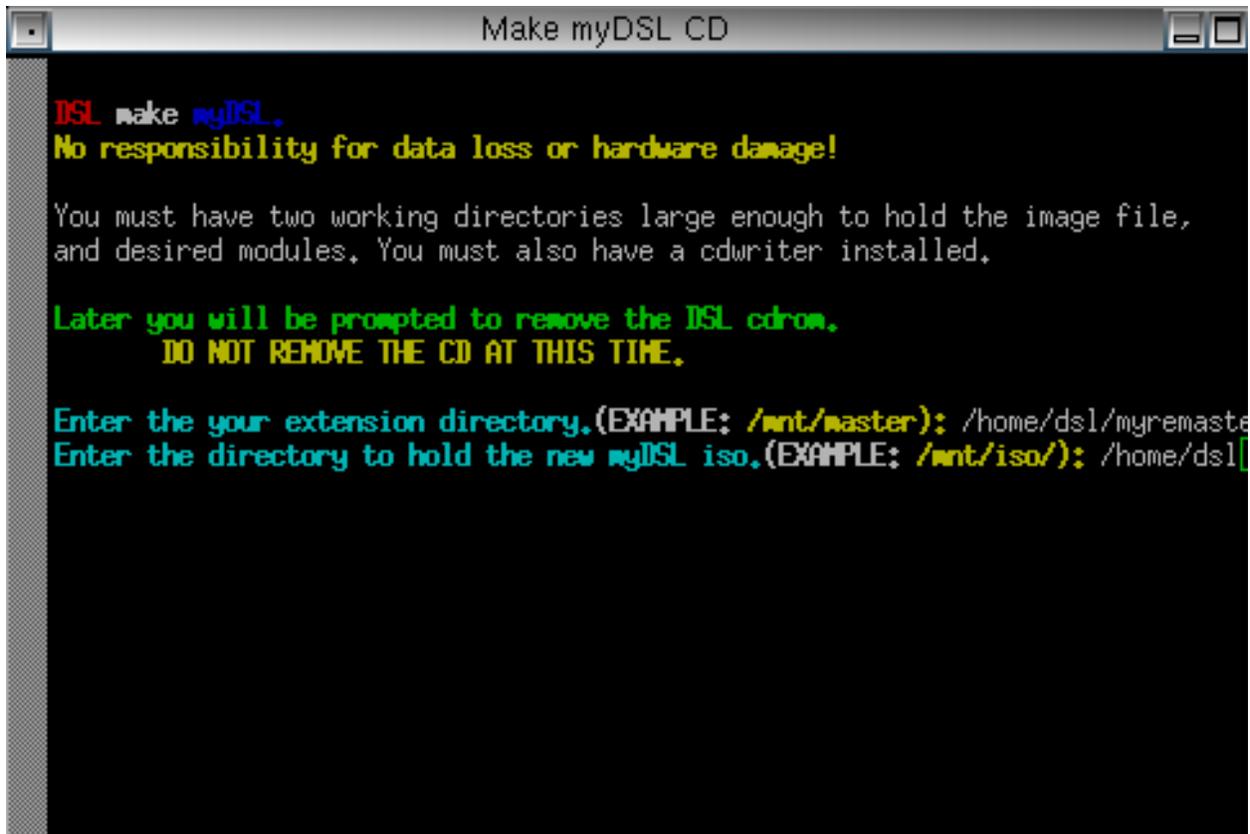
Let's get started by choosing the script from the menu as shown.

DSL make myDSL.
No responsibility for data loss or hardware damage!

You must have two working directories large enough to hold the image file,
and desired modules. You must also have a cdwriter installed.

Later you will be prompted to remove the DSL cdrom.
        DO NOT REMOVE THE CD AT THIS TIME.

Enter the your extension directory.(EXAMPLE: /mnt/master): /home/dsl/myremaste

If you have your remaster directory created, we are ready to go. Enter your remaster directory. We are using */home/dsl/myremaster.* Press <enter>.
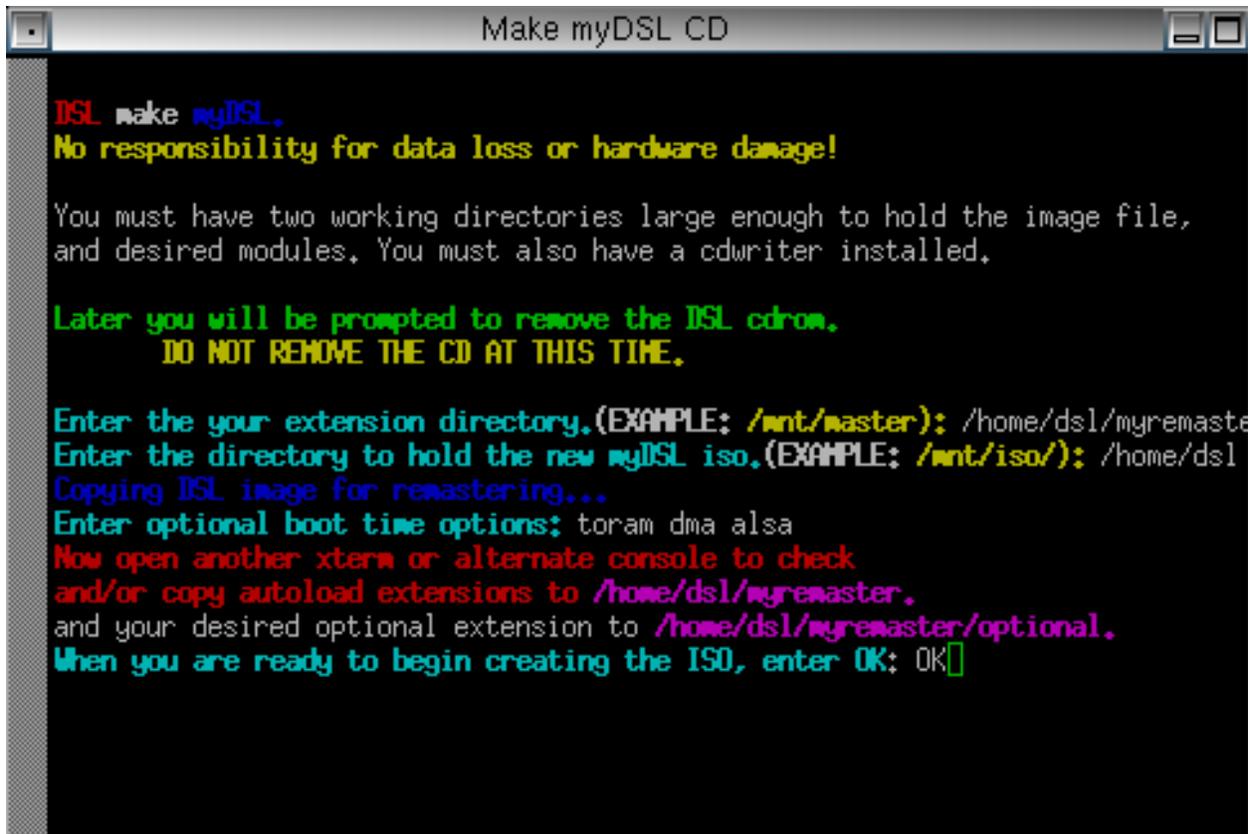
Make myDSL CD

DSL make **myDSL.**
No responsibility for data loss or hardware damage!

You must have two working directories large enough to hold the image file,
and desired modules. You must also have a cdwriter installed.

Later you will be prompted to remove the DSL cdrom.
        DO NOT REMOVE THE CD AT THIS TIME.

Enter the your extension directory.(EXAMPLE: /mnt/master): /home/dsl/myremaste
Enter the directory to hold the new myDSL iso.(EXAMPLE: /mnt/iso/): /home/dsl

Now we are ready to give the location for our new iso. We will place it in */home/dsl*. If you don't have enough ram to hold it, put in the path to a MOUNTED hard drive partition such as */mnt/hda3*. Press <enter>

Now the base files of DSL have been copied to your /myremaster directory and we're ready to enter our custom boot options. Enter your options and press <enter>

The script now gives you directions on how to add mydsl extensions to your custom CD. Extensions to be loaded at boot need to be placed in your / myremaster dir and extensions to be loaded only on demand need to be in / myremaster/optional. The word 'OK' must be in capital letters. Press <enter>

TIP 1:

If you want to add an extension to your new CD that is not currently on your system, you can download a new extension via the MyDSL icon on the desktop. The downloaded extensions are saved to the /tmp directory by default. Once you have the extension on your system use a console or emelfm to move the extension files from *jtmp* to the directory you're remastering such as *jhome/dsl/myremaster* as we're using for this example.

TIP 2:

If you have personal files in a backup.tar.gz, now is the time to add your personal files and settings to your new CD. Simply make a copy of your backup.tar.gz file, rename the copy to myconfig.tar.gz and place it in the / *myremaster* directory to have it loaded at boot.

```
Make myDSL CD                                                    _ □ X

Done with: Directory tree                        Block(s)     5
Writing:    Joliet directory tree                Start Block 34
Done with: Joliet directory tree                 Block(s)     5
Writing:    Directory tree cleanup               Start Block 39
Done with: Directory tree cleanup                Block(s)     0
Writing:    Extension record                     Start Block 39
Done with: Extension record                      Block(s)     1
Writing:    The File(s)                          Start Block 40
 20.19% done, estimate finish Thu Jul  7 21:48:45 2005
 40.39% done, estimate finish Thu Jul  7 21:48:45 2005
 60.52% done, estimate finish Thu Jul  7 21:48:45 2005
 80.71% done, estimate finish Thu Jul  7 21:48:45 2005
Total translation table size: 2048
Total rockridge attributes bytes: 1982
Total directory bytes: 8192
Path table size(bytes): 72
Done with: The File(s)                           Block(s)    24606
Writing:    Ending Padblock                      Start Block 24646
Done with: Ending Padblock                       Block(s)    150
Max brk space used 0
24796 extents written (48 MB)
Done.
Do you wish to proceed to burning the CD, if so,
remove the DSL cd and load blank CD then enter OK: OK
```

The new ISO has been created and is located in the */home/dsl* directory we
specified earlier. If you do not want to burn a new CD, you can just do a
'cntrl-C' and exit the script. If you want to burn a CD, insert a blank CD and
type 'OK' in capital letters and type <enter>

```
Make myDSL CD                                          _ □ X

Writing:    Joliet directory tree                  Start Block 34
Done with: Joliet directory tree                   Block(s)    5
Writing:    Directory tree cleanup                 Start Block 39
Done with: Directory tree cleanup                  Block(s)    0
Writing:    Extension record                       Start Block 39
Done with: Extension record                        Block(s)    1
Writing:    The File(s)                            Start Block 40
 20.19% done, estimate finish Thu Jul  7 21:48:45 2005
 40.39% done, estimate finish Thu Jul  7 21:48:45 2005
 60.52% done, estimate finish Thu Jul  7 21:48:45 2005
 80.71% done, estimate finish Thu Jul  7 21:48:45 2005
Total translation table size: 2048
Total rockridge attributes bytes: 1982
Total directory bytes: 8192
Path table size(bytes): 72
Done with: The File(s)                             Block(s)    24606
Writing:    Ending Padblock                        Start Block 24646
Done with: Ending Padblock                         Block(s)    150
Max brk space used 0
24796 extents written (48 MB)
Done.
Do you wish to proceed to burning the CD, if so,
remove the DSL cd and load blank CD then enter OK: OK
Enter the cdwriter address. (EXAMPLE: 0,0,0): 0,0,0
```

Next we have to enter the location of your cd burner. If you do not know the location, open a root shell and type '*cdrecord -scanbus*'. This will give you the location of your drive. It's normally 0,0,0. Enter the location and press <enter>.

Enter burn speed you want to use to create your cd and press <enter>.
After the burn is complete the script will close. Enjoy your new MkmyDSL
liveCD!