

MUUG Presentation: September 8'th 2009

Topic: Disk space

df:

Short for Disk Free. Shows free space on all mounted volumes. Note it also tells the user which volumes are mounted. Useful statistics include the size of the volume, how much is used, and how much is unused.

Useful parameters:

- H - Human readable format in base 10.
- h - Human readable format in base 2.

du:

Short for Disk Usage. It goes through the directories in the current directory and says how much space is used for each.

Useful parameters:

- h - Human readable format.
- s - Display total for each item.
- c - Display grand total.

There are others which may be useful for more advanced users but are a bit more than a newbie would want to know.

ncdu: Warning. This is not a built in *NIX command and is presented solely because of its extreme usefulness.

Short for N Curses Disk Usage. This is a more useful version of du. This is an interactive program allowing the user to navigate through the volumes on the computer. The information includes both regular files and directories. It may follow the directory structure but does not display the contents. It displays the disk usage both numerically and in a semi-graphical form. The data is sorted based on the criteria selected by the user.

Useful parameters:

There are a few parameters but the newbie need not be concerned with them. Once running the “?” key acts as a “help” key.