ncdu - NCurses Disk Usage

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ncdu is an excellent way to look at disk space usage on a linux based system. Ncdu is a disk usage analyzer with an ncurses interface. It is designed to find space hogs on a remote server where you don't have an entire graphical setup available, but it is a useful tool even on regular desktop systems. Ncdu aims to be fast, simple and easy to use, and should be able to run in any minimal POSIX-like environment with ncurses installed.

Installation

From the command line (you will need to have epel-releases installed, or you won't find the repositories).

```
yum install ncdu
```

Once installed you can launch the application from the command line using:

```
ncdu
```

Useage

Below is an example of ncdu running on a packager v8.

```
ncdu 1.12 ~ Use the arrow keys to navigate, press ? for help
--- /opt/mfvp ------------------------------------------------------------------------------
   13.6 GiB [##########] /mnt
  108.7 MiB [          ] /packaging-dvr-recorder
  106.8 MiB [          ] /packaging-playlist-generator
   97.0 MiB [          ] /packaging-origin-server
   75.0 MiB [          ] /packaging-asset-recorder
   60.5 MiB [          ] /packaging-config
   22.1 MiB [          ] /cleanup-agent
   20.1 MiB [          ] /snmp
   16.0 MiB [          ] /dispatcher
   14.8 MiB [          ] /license-manager
    8.1 MiB [          ] /statistic
   76.0 KiB [          ] /packaging-server
   28.0 KiB [          ] /packaging-controller
   16.0 KiB [          ] /packaging-standalone
    4.0 KiB [          ] /packaging

 Total disk usage:  14.1 GiB  Apparent size:  14.0 GiB  Items: 52535
```

By using a combination of Enter and the arrow (cursor) keys you can navigate in and out of directories, in the example below I have navigated in to the /mnt/nas/sda3store directory, and I can see how much disk space the two services being packaged are consuming.

```
ncdu 1.12 ~ Use the arrow keys to navigate, press ? for help
--- /opt/mfvp/mnt/nas/sda3store ------------------------------------------------------------
                    /..
    6.9 GiB [##########] /service1
    6.7 GiB [######### ] /service2
   17.2 MiB [          ]  initramfs-factory.img
    4.0 MiB [          ]  vmlinuz-factory
```

```
e  16.0 KiB [          ] /lost+found
e   4.0 KiB [          ] /TestService

 Total disk usage:  13.6 GiB  Apparent size:  13.6 GiB  Items: 14903
```

Annoyingly, this program doesn't seem to give you information on total disk sizes, so you can't work out how much space is left.

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