Opensource.com: Linux Common Commands Cheat Sheet

BY SETH KENLON

Use this handy Linux command cheat sheet for executing common tasks
such as navigating files, installing software, and starting services.

NAVIGATE FILES

LIST DIRECTORIES (WITH TYPE INDICATOR)
```
$ ls --file-type
```

CHANGE DIRECTORY TO ``EXAMPLE``
```
$ cd example
```

MOVE UP ONE DIRECTORY
```
$ cd ..
```

MOVE UP TWO DIRECTORIES
```
$ cd ../..
```

CHANGE TO HOME DIRECTORY
```
$ cd ~
```

GET CURRENT DIRECTORY
```
$ pwd
```

GET ABSOLUTE PATH TO A FILE OR FOLDER
```
$ readlink -f example
```

GET FILE TYPE OF ``EXAMPLE.EXT``
```
$ file example.ext
```

INSTALLING SOFTWARE

- On Fedora and CentOS, [COMMAND] is dnf
- On Ubuntu and Debian, [COMMAND] is apt
- On OpenSUSE, [COMMAND] is zypper
- Other distributions may use different commands

SEARCH FOR AN APPLICATION CALLED EXAMPLE
```
$ sudo [COMMAND] search example
```

INSTALL AN APPLICATION CALLED EXAMPLE
```
$ sudo [COMMAND] install example
```

UNINSTALL AN APPLICATION CALLED EXAMPLE
```
$ sudo [COMMAND] remove example
```

SERVICES

START SERVICES
```
$ sudo systemctl start example
```

STOP SERVICES
```
$ sudo systemctl stop example
```

GET STATUS OF SERVICES
```
$ sudo systemctl status example
```

FILE MANAGEMENT

COPY A FILE IN PLACE
```
$ cp example.txt example-1.txt
```

COPY A FILE TO DOCUMENTS
```
$ cp example.txt ~/Documents/example-1.txt
```

MOVE A FILE TO DOCUMENTS
```
$ mv example.txt ~/Documents
```

CREATE A DIRECTORY (FOLDER)
```
$ mkdir example
```

REMOVE AN EMPTY DIRECTORY
```
$ rmdir example
```

SAFELY REMOVE A FILE
```
$ trash example.txt
```

REMOVE A FILE (WITHOUT TRASH COMMAND)
```
$ mv example.txt ~/.local/share/Trash/files
```

PERMANENTLY DELETE A FILE
```
$ shred example.txt
```

DOWNLOAD A FILE FROM AN NETWORK LOCATION
```
$ wget http://example.com/file
```