

# **SYSTEM INFORMATION**

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# UNAME (DISPLAY SYSTEM INFORMATION)

Syntax: `uname [options]`

## Options:-

- `a`: Display all information
- `-s`: Display kernel name
- `-n`: Display network node hostname
- `-r`: Display kernel release
- `-v`: Display kernel version
- `-m`: Display machine hardware name
- `-p`: Display processor type
- `-i`: Display hardware platform
- `-o`: Display operating system

# DF (DISPLAY DISK SPACE USAGE)

Syntax : df [options] [file]

## Options:-

- h: Human-readable format
- -T: Display file system type
- -t <filesystem>: Display only specified file system type
- -i: Display inode information
- -x <filesystem>: Exclude specified file system type
- -a: Display all file systems, including dummy and remote file systems

# **DU (DISPLAY DIRECTORY SPACE USAGE)**

Syntax : `du [options] [directory]`

## Options:

- -h: Human-readable format
- -s: Display only total for each argument
- -c: Display grand total
- -k: Display sizes in kilobytes
- -m: Display sizes in megabytes
- -b: Display sizes in bytes
- -h: Human-readable format

# TOP (DISPLAY SYSTEM PROCESSES)

Syntax: top [options]

## Options:

- -d <seconds>: Delay between updates
- -n <number>: Number of iterations
- -u <username>: Display only processes of specified user
- -p <pid>: Monitor specific process ID
- eib-c: Show command line with each process
- -o: Sort by field
- -h: Help