# System-UX    Cheat Sheet

## OS Specific

| | |
|---|---|
| uxdate | update System-UX to latest version |
| version | show current System-UX version |
| cheat | show this sheet |

## Tasks

| | |
|---|---|
| top/htop | task manager |
| ps PID | process info |
| pidof | get PID |
| kill PID | kill process |
| pkill name | kill by name |

## Volumes/File System

| | |
|---|---|
| lsblk | List Block Devices |
| lsblk -fm | *, detailed |
| fdisk | Part Util |
| parted | Part Util |
| mkfs | Make File System/format |
| df | space used on file systems |
| df -h | *, human readable |
| mount | Mount disk partitions |
| umount | Unmount disk partitions |

## File Compression

zip,unzip,7za,tar,rpm,gzip,gunzip

## Files

| | |
|---|---|
| ls -R | list recursive |
| ls -a | list hidden files |
| ls -l | show file type and access permission |
| cat filename | show file contents |
| rm -r | remove recursive |
| chmod +x | make executable |
| which program | get the full path of program |
| ln -s file link | create a symbolic link of file |
| readlink -f link | get a symbolic link destination |

## Variables

| | |
|---|---|
| env | display all environment variables |
| variable= | set var |
| $variable | get var |
| unset variable | remove var |
| export variable= | set envvar |

## Miscellaneous

| | |
|---|---|
| fbi my.jpg | open image on frame buffer |
| fbgs my.pdf | open pdf (postscript) on frame buffer |
| mc | File Explorer (Norton Commander Like) |
| mcedit | Text Editor |
| fte | IDE/Text Editor |

## Tmux

| | |
|---|---|
| Ctrl+b % | Split pane Vertically |
| Ctrl+b " | Split pane Horizontally |
| Ctrl+b "Arrows" | Cycle pane |
| Ctrl+b x | Close pane |
| Ctrl+b c | Create new window |
| Ctrl+b n | Next window |
| Ctrl+b p | Previous window |
| Ctrl+b 0-9 | Goto n window |
| Ctrl+b , | Rename window |
| Ctrl+b & | Close window |