

# LINUX AND ROS CHEAT SHEET

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## File Commands

<b>ls</b>
<b>ls -al</b>
<b>cd \$DIR</b>
<b>cd</b>
<b>pwd</b>
<b>rm \$FILENAME</b>
<b>rm -r \$DIR</b>
<b>rm -rf \$DIR</b>
<b>cp \$FILE1 \$FILE2</b>
<b>cp -r \$DIR1 \$DIR2</b>
<b>mv \$FILE1 \$FILE2</b>
<b>ln -s \$LINK \$FILE</b>
<b>touch \$FILE</b>
<b>cat &gt; \$FILE</b>
<b>touch \$FILE</b>
<b>more \$FILE</b>
<b>head \$FILE</b>
<b>tail \$FILE</b>
<b>touch \$FILE</b>

## System Info

<b>env</b>	print environment variables
<b>date</b>	print system date and time
<b>cal</b>	print current month calendar
<b>uptime</b>	print system uptime
<b>w</b>	print online users
<b>whoami</b>	print current user
<b>finger \$USER</b>	print information about \$USER
<b>uname -a</b>	print kernel information
<b>cat /proc/cpuinfo</b>	print cpu information
<b>cat /proc/meminfo</b>	print memory information
<b>man \$COMMAND</b>	print user manual of \$COMMAND
<b>df</b>	print disk usage
<b>du</b>	print directory space usage
<b>free</b>	print memory and swap usage
<b>whereis \$APP</b>	print location of \$APP
<b>which \$APP</b>	print print executable file of \$APP