

Linux Basic Commands Cheat Sheet

cut Command Basics

<code>cut -f1 file.txt</code>	- Cut first field (tab-delimited by default)
<code>cut -f1,3 file.txt</code>	- Cut multiple fields
<code>cut -f1-3 file.txt</code>	- Cut field range
<code>cut -d',' -f2 file.csv</code>	- Use custom delimiter (comma)
<code>cut -d':' -f1 /etc/passwd</code>	- Extract usernames from passwd file

Character-Based Cutting

<code>cut -c1-5 file.txt</code>	- Cut first 5 characters
<code>cut -c5- file.txt</code>	- Cut from 5th character to end
<code>cut -c-5 file.txt</code>	- Cut from start to 5th character
<code>cut -c1,3,5 file.txt</code>	- Cut multiple specific characters

Common Use Cases

<code>ls -l cut -d' ' -f1,9</code>	- Show permissions and filenames
<code>ps aux cut -c1-10</code> <code>chars</code>	- Trim command output to first 10 chars
<code>cat file.txt cut -d' ' -f2</code>	- Extract second word from lines

Tips & Notes

<code>-d</code>	- Defines custom delimiter (default is tab)
<code>-f</code>	- Field number(s) to extract
<code>-c</code>	- Character position(s) to extract
<code>--complement</code>	- Invert selection (exclude given fields/chars)
<code>-s</code>	- Suppress lines without delimiter