

# UNIX Summary Sheet

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| UNIX COMMAND               | DESCRIPTION   |
|----------------------------|---|
| <b>cat</b> file            | Concatenate and display file  |
| <b>cd</b>                  | Return to home login directory  |
| <b>cd</b> dir              | Change to directory dir   |
| <b>cp</b> file1 file2      | Copy file1 to file2   |
| <b>date</b>                | Print the current date and time   |
| <b>exit</b>                | Log out of the current session or shell                                     |
| <b>file</b> file           | Determine the file type of file   |
| <b>finger</b>              | Display who is logged in to the system                                      |
| <b>finger</b> username     | Display information about the person with username                          |
| <b>grep</b> string file    | Search file for all occurrences of string.                                  |
| <b>head</b> [-n] file      | Display the first 10 (or n) lines of file                                   |
| <b>id</b>                  | Display user id and group id for the current user                           |
| <b>kill</b> -9 process-num | Kill the job with the process number process-num (Owner only)               |
| <b>logout</b>              | Log out of the current session  |
| <b>lpr</b> file            | Print the contents of file on line printer                                  |
| <b>lprm</b> job-num        | Remove job with job-num from line printer queue (Owner only)                |
| <b>ls</b> [-l]             | List all the files in current directory                                     |
| <b>ls</b> [-l] dir         | List all the files in the directory dir                                     |
| <b>ls</b> [-l] file        | Check the existence of file in current directory                            |
| <b>man</b> command         | Display information about specified command                                 |
| <b>mkdir</b> dir-name      | Make a directory with the name dir-name                                     |
| <b>more</b> file           | File persual filter for viewing contents of the file onCRT (See <b>pg</b> ) |
| <b>mv</b> file1 file2      | Rename file1 to file2   |
| <b>mv</b> dir1 dir2        | Rename directory dir1 to dir2   |
| <b>mv</b> file1 dir1       | Move file1 to directory dir1  |
| <b>passwd</b>              | Change your password  |
| <b>pg</b> file             | File persual filter for viewing contents of the file on CRT                 |
| <b>ps</b>                  | Display process information of current user                                 |
| <b>ps -ef</b>              | Display information about all processes on the system                       |

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| <b>ps -aux</b>               | Display information about all processes on system (/usr/ucb/ps) |
| <b>pwd</b>                   | Display current working directory                               |
| <b>rm file</b>               | Remove file from current directory                              |
| <b>rmdir dir</b>             | Remove empty directory  |
| <b>sort -o file2 file1</b>   | Sort file1 and put output in file2                              |
| <b>sort file1 &gt; file2</b> | Sort file1 and put output in file2                              |
| <b>spell file</b>            | List spelling errors contained in file                          |
| <b>tail [-n] file</b>        | Display last 10( or n) lines in file                            |
| <b>wc -l file</b>            | Display the number of lines in file                             |
| <b>wc -w file</b>            | Display the number of words in file                             |
| <b>wc -c file</b>            | Display the number of characters in file                        |
| <b>Who</b>                   | Display who is logged on the system                             |
| <b>whoami</b>                | Display the effective current user id                           |

|              |  |
|--------------|--|
| <b>!!</b>    | Repeat the last command                                |
| <b>!str</b>  | Repeat the last command beginning with str             |
| <b>!!str</b> | Repeat the last command and append str to it           |
| <b>str!!</b> | Repeat the last command with str inserted at beginning |

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| SPECIAL CHARACTERS | DESCRIPTION   |
|--------------------|---|
|                    | Pipes output of one command into another command (e.g., who  sort)                          |
| <                  | Redirects the input of a command (from standard input) to a file (e.g., mail guest < file1) |
| >                  | Redirects the output of a command (from standard output) to a file (e.g., ls -l > dir_list) |
| >>                 | Appends the output of a command to a file (e.g., cat file1 >> file2 )                       |
| /                  | Name of the root directory and used as a path separator for directories                     |