



1 Moving the cursor

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| Ctrl + a or Home | Go to the beginning of the line |
| Ctrl + e or End | Go to the end of the line |
| Alt + b | One word backward to the left |
| Alt + f | One word forward to the right |
| Ctrl + b or Left | One character backward to the left |
| Ctrl + f or Right | One character forward to the right |
| Ctrl + xx | Toggle between the start of line and current cursor position specified using xx |
| Tab | Tab completion for file and directory names |
| Ctrl + p or Up | Go back to previous command |
| Ctrl + n or Down | Go forward to next command |

2 Copy and paste

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| Ctrl + w | Cut the word before the cursor to the clipboard |
| Ctrl + k | Cut the line after the cursor to the clipboard |
| Ctrl + u | Cut the line before the cursor to the clipboard |
| Ctrl + y | Paste the last word/line that was cut |

3 Deleting characters and words

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| Ctrl + l | Clear the screen |
| Alt + Del | Delete the word before the cursor |
| Alt + d | Delete the word after the cursor |
| Ctrl + d or Del | Delete the character under the cursor |
| Ctrl + h or Backspace | Delete the character before the cursor |
| Ctrl + k | Delete all text from the cursor to the end of the line |
| Ctrl + x followed by Backspace | Delete all text from the cursor to the beginning of the line |

4 Change spelling

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| Alt + l | Lower the case of every character from the cursor to the end of the current word |
| Alt + u | Capitalize every character from the cursor to the end of the current word |
| Alt + c | Capitalize the character under the cursor and move to the end of the word |
| Alt + r | Cancel the changes and put back the line as it was before (revert) |
| Alt + _ | Undo last action |



5 Swapping characters and words

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| <code>Alt + t</code> | Swap current word with previous one |
| <code>Ctrl + t</code> | Swap the last two characters before the cursor |
| <code>Esc + t</code> | Swap the last two words before the cursor |

6 History

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| <code>Ctrl + r</code> | Recall the last command including the specified character(s). Searches the command history as you type. |
| <code>Ctrl + p</code> | Previous command in history |
| <code>Ctrl + n</code> | Next command in history |
| <code>Ctrl + s</code> | Go back to the next most recent command |
| <code>Ctrl + o</code> | Execute the command previously found via <code>Ctrl + r</code> or <code>Ctrl + s</code> |
| <code>Ctrl + g</code> | Escape from history searching mode |
| <code>!</code> <code>!</code> | Repeat last command |
| <code>!\$</code> , <code>Esc + .</code> , or <code>Alt + .</code> | Last argument of previous command |

7 Process control

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| <code>Ctrl + c</code> | Interrupt/Kill whatever process you are running (SIGINT) |
| <code>Ctrl + l</code> | Clear the screen |
| <code>Ctrl + s</code> | Stop output to the screen (for long running verbose commands), then use navigation keys <code>PgUp</code> and <code>PgDn</code> to browse |
| <code>Ctrl + q</code> | Allow output to the screen (if previously stopped using command above) |
| <code>Ctrl + d</code> | Send an EOF marker, unless disabled by an option, this will close the current shell (EXIT) |
| <code>Ctrl + z</code> | Send the signal SIGTSTP to the current task, which suspends it. To return to it later enter <i>fg process name</i> (foreground) |

8 Tips and tricks

Unless otherwise configured Bash is running in the default Emacs setting. If you prefer this can be switched to Vi shortcuts instead as follows:

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|---------------------------|---------------------------|
| Switch to Vi mode: | <code>set -o vi</code> |
| Switch to Emacs mode: | <code>set -o emacs</code> |
| Display key combinations: | <code>bind -p</code> |