

## What is Nano?

Nano is a text editor available on HPC Wales. It was originally developed as an alternative to Pico, the editor that comes by default with the e-mail reading package pine. Most commands are the same as for Pico, but there are significant enhancements turning it into a feature-rich text editor suitable for both beginner and experienced users. Nano is not part of the Linux standard base, so it may not be installed on other Linux systems you may have access to.

## Using Nano

To use Nano on HPC Wales you must logon to a head node such as ab-log-001, rather than the main login server login.hpcwales.co.uk. You can only run Nano in terminal mode. To logon to HPC Wales you can use PuTTY. Please read the documentation before installing PuTTY.

### Starting nano

Command	Description
<code>nano</code>	run nano
<code>nano /home/user/myfile.txt</code>	run nano and open myfile.txt
<code>nano -F file1 file2 file3</code>	run nano with multiple open files

### Leaving nano

Command	Description
<code>CTRL-x</code>	quit nano, then 'y' or 'n' for saving and choosing filename

## File Operations

Command	Description
CTRL-r /home/user/myfile.txt	find and open myfile.txt (tab completion works)
CTRL-r ALT-f	toggle between opening new file and inserting at current location
CTRL-o	save file, choosing filename

## Cursor Operations

Command	Description
CTRL-a	move to the beginning of the line
CTRL-t	spell check file
CTRL-j	justify current paragraph
CTRL-y	move one page up
CTRL-v	move one page down
CTRL-]	find matching bracket

## Edit Operations

Command	Description
CTRL-k	cut a line (or block if marked)
CTRL-6	begin a marked block
CTRL-u	paste buffer in at cursor

## Search and Replace

Command	Description
CTRL-w	search forwards for instances of string entered at prompt
CTRL-w ALT-b	toggle direction of search
CTRL-w ALT-c	toggle case sensitivity of search
CTRL-w ALT-r	toggle searching using regular expressions
CTRL-w CTRL-r	find and replace: 'y/n' for each occurrence, 'a' for all remaining matches
CTRL-w ALT-b	toggle direction of search
CTRL-w ALT-b	toggle direction of search

## Buffer Operations

Command	Description
ALT-,	change to previous buffer
ALT-.	change to next buffer
ALT-, ALT-.	change to previous and next buffer

## Getting Help

CTRL-g

## References

man nano	command line documentation
nano website	<a href="http://www.nano-editor.org/">http://www.nano-editor.org/</a>

## Downloading

You can download a version to run on your local workstation (Linux or Windows) from:

<http://www.nano-editor.org/download.php>

Contact us on [support@hpcwales.co.uk](mailto:support@hpcwales.co.uk) or for further information please visit our website [www.hpcwales.co.uk](http://www.hpcwales.co.uk)