

Nano



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Nano is a simple text editor that we can access right from the terminal. It's far more accessible than other popular command-line editors like vim and emacs.

Nano includes all the basic text editing functionality you would expect: search, spellcheck, syntax highlighting, etc.

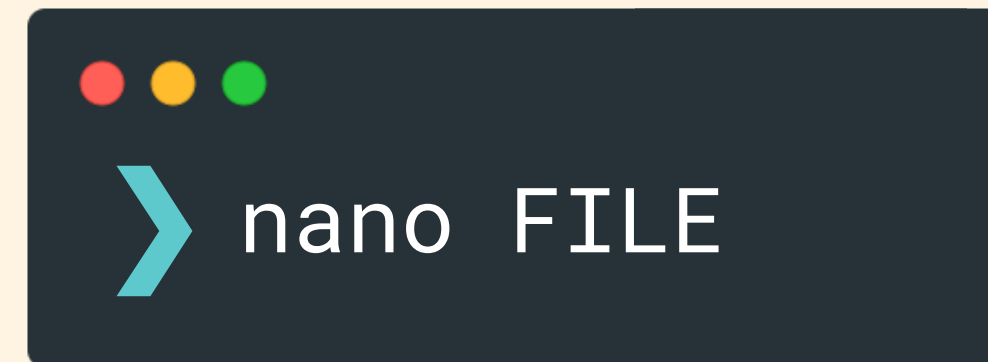




Nano

To open up a file using nano, run **nano FILE**. For example, to open up the file `book.txt` using nano, we would run **nano `book.txt`**

We can also use the same command to edit a file that doesn't yet exist (we can then save it and create the file).

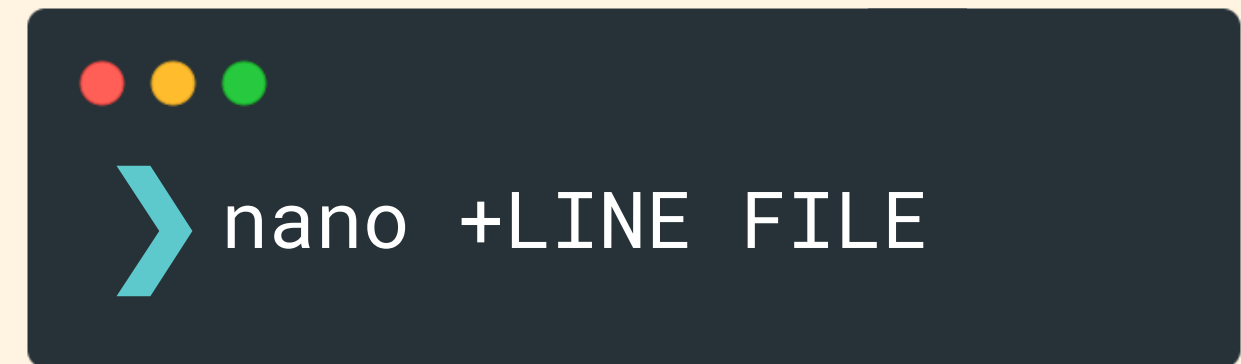




Edit At A Specific Line

We can also provide nano with a specific line number to position the cursor at using **nano +LINE FILE**.

To open up the book.txt file at line 205, we would run **nano +205 book.txt**





Editing With Nano

Some editors like vim require us to enter "write mode" before we can start editing a file, but with nano we can make changes right away.

We can move the cursor using the arrow keys.

At the very bottom, we'll see a **list of shortcuts** that we can use inside of nano. These are super useful!

```
colt@colt-VirtualBox: ~/Desktop
GNU nano 4.8 /home/colt/Desktop/Sorting/book/grepdemo/gg.txt
Chapter 1
In my younger and more vulnerable years my father gave me some advice that I've been turning o
"Whenever you feel like criticizing any one," he told me, "just remember that all the people i
He didn't say any more but we've always been unusually communicative in a reserved way, and I
And, after boasting this way of my tolerance, I come to the admission that it has a limit. Con
My family have been prominent, well-to-do people in this middle-western city for three generat
I never saw this great-uncle but I'm supposed to look like him—with special reference to the r
The practical thing was to find rooms in the city but it was a warm season and I had just left
It was lonely for a day or so until one morning some man, more recently arrived than I, stoppe
"How do you get to West Egg village?" he asked helplessly.
[ Read 924 lines ]
G Get Help  ^O Write Out  ^W Where Is  ^K Cut Text  ^J Justify  ^C Cur Pos
X Exit      ^R Read File  ^\ Replace   ^U Paste Text ^T To Spell  ^_ Go To Line
```





Saving



To save, we need to "write out" using the **Ctrl+O** command. Then, nano will prompt us to enter the filename we want use (just hit enter to keep the original name).





Exiting

To exit, use `ctrl + X`





Searching

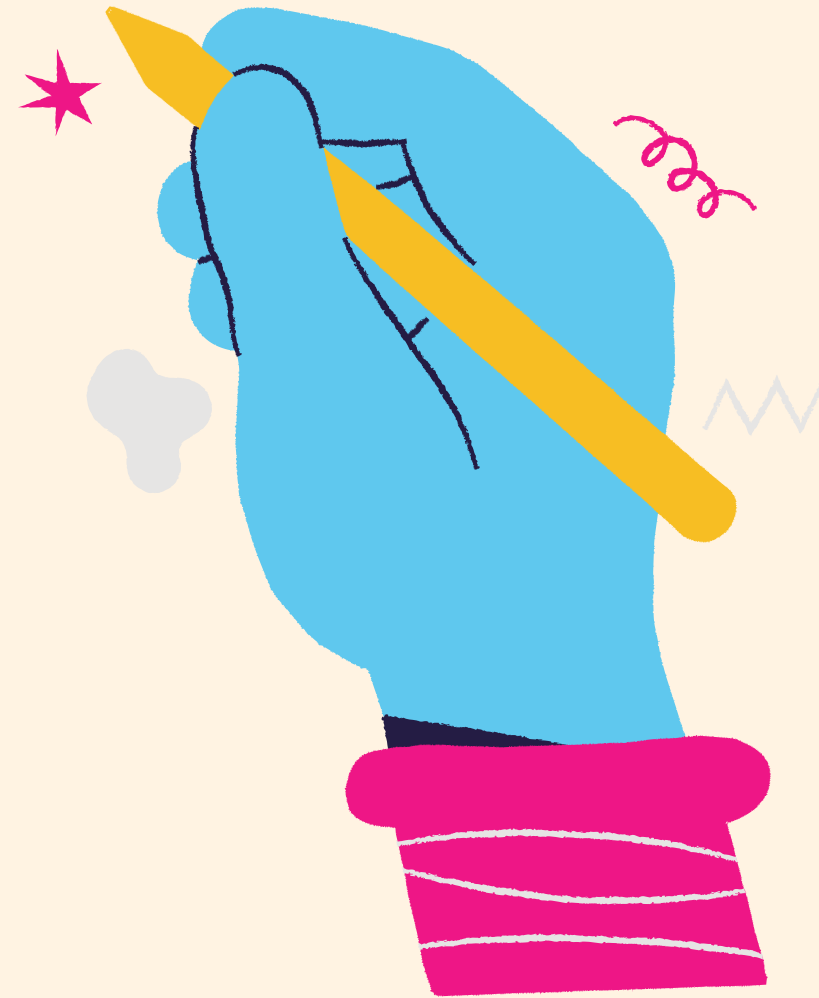
Use **ctrl-W** and then enter a search phrase to search FORWARD in the file from your current cursor location.





Replacing

To search and replace, use **ctrl+** and then enter the word you want to replace. Then enter the replacement and decide whether to replace specific matches or all matches.





Spellchecking

We can use spellchecking inside of Nano, but we have to enable it first in the Nano config file located at `/etc/nanorc`

