

# Mino text editor

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for version 1.0

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This manual is for the GnuDOS Mino program (version 1.0).

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# 1 Overview of the mino text editor

What is mino? Mino is a GNU software, part of the GnuDOS package. Mino is a text file editor for use with the GNU/Linux console/xterm. The idea was to provide a text editor that is user friendly and easy to use for those who came from DOS land. Having accustomed to SHIFT selecting text, using CTRL-shortcut keys and so on makes it hard for a regular Joe to dive in head first into GNU syntax. Mino provides multi-level experience, the level of complexity can be adjusted by the user: you want to use DOS-keys with a few basic GNU ones? you want to go with the full power of the GNU system? All are options that are provided by the six levels of experience of Mino:

- 1- Newbie: All DOS shortcut keys, no GNU keys yet
- 2- Novice: DOS shortcut keys, some of which are replaced with GNU's
- 3- Intermediate: DOS keys with a few more replaced with GNU keys
- 4- Advanced: ... And more GNU keys in
- 5- Expert: Very few DOS keys, most are GNU keys
- 6- Veteran: Only GNU keys, no DOS-like keys

You start with level 1 by default. To set your level, call the mino with '-levelX' or '-lX' options, Where X is the level desired, for example:

```
$mino --level2
```

## Which keys are defined for which level?

Below is a table showing the DOS-like key combinations along with their respective GNU key bindings. To the right is the level at which a certain GNU key is defined. Each key defined is recognized in higher levels (e.g. level 2 keys are recognized in levels 3-4-5-6). Note that in level 6 only GNU keys are defined, no DOS keys will work at this level!.

Keybindings:

In the table below, C-something means pressing down CTRL and then pressing the other key. Note that '^' is the same as 'C', meaning CTRL key, it is just typed like this so DOS users can feel familiar with the text. The same as M-something, which means META or ALT.

Function	DOS-like key	GNU key	GnuDOS Level
All DOS bindings and no GNU bindings			Newbie
Next Line	Down	C-n	Novice
Prev. Line	Up	C-p	Novice
Backward	Left	C-b	Novice
Forward	Right	C-f	Novice
Back One Word	^Left	M-b	Intermediate
Fwd One Word	^Right	M-f	Intermediate
Cancel	ESC	C-g	Intermediate

Next Screen	PgDn	C-v	Intermediate
Prev. Screen	PgUp	M-v	Intermediate
Start of Line	Home	C-a	Intermediate
End of Line	End	C-e	Intermediate
Start of text	^Home	C-<	Intermediate
End of text	^End	C->	Intermediate
Del prev char	BkSpc	DEL (is BkSpc)	Advanced
Del next char	Delete	C-d	Advanced
Del prev word	^BkSpc	M-DEL (is M-BkSpc)	Advanced
Del next word	^Delete	M-d	Advanced
Select text	SHIFT+Arrow	C-Space	Advanced
Del selection	BkSpc/Del	C-w	Advanced
Quit	^Q	C-x C-c	Expert
Paste (yanking)	^V	C-y	Expert
Del Line	^D	C-k	Expert
Undo	^Z	C-/, C-., C-x u	Expert
Open File	^O	C-x C-f	Expert
Save File	^S	C-x C-s	Expert
Find (Search)	^F	C-s (forward search)	Expert
		C-r (reverse search)	Expert
Help	F1	C-h ?	Expert
All GNU bindings and no DOS bindings			Veteran

## Why should I use it?

If you are new to GNU system and find it hard to dive in head-first into the GNU keys and shortcuts for GNU programs (like emacs), this is the place to start. Use you well-known DOS-like shortcuts, in the same time learn how to use the GNU shortcuts.

## How to run it?

After installing the package, simply type:

```
$ mino
```

on your console (or xterm) and it will run. If you want to load a file into mino:

```
$ mino file-name
```

To reset the configuration file:

```
$ mino --reset-config
```

To show command line help:

```
$ mino [--help|-h]
```

## How does mino remember my preferences?

Mino stores its configuration in a file called '.mino.conf' under your home directory. You can edit it by hand (or using mino!), but this is not advisable. Use the Options menu under mino to change your preferences and mino will save them into the config file.

## What about sentence highlighting?

Currently mino recognizes the following file types:

- C/C++ Source and header files
- Perl scripts
- Shell scripts

Whenever you open a file of these types, mino will automatically adjust the colors of the view so that the language keywords, library functions, and operators (like +-\* / and so on) are highlighted each in a different color, on a black background, to ease writing your programs.

## What else?

There is one catch: when running under the X system, the program will not be able to capture all input from the keyboard, as X interferes with the keyboard input. Don't panic, this is not much of a deal. Plus, there is a workaround. The only thing you will be missing is the SHIFT-select. That means you will not be able to hold down shift and use arrow keys to select text. The solution is using CTRL+E under X, which activates the select mode. Enter select mode, use arrow keys to size your selection, do whatever you want with it, and exit the select mode. You want a permanent solution? Run mino under the Linux console!.

And that's it for intro!

## 2 Mino main window

After running mino, you are faced with a window that has the following components:

### Menu bar

At the top of the window. Contains menus: File, Edit, Options, and Help. The details of these menus can be found under See [Chapter 3 \[Menus\]](#), page 5.

### Status bar

At the bottom is the status bar. It shows the current state of the file, which can be:

- New: After opening a fresh mino window or selecting New from the File Menu
- Opened: When a fresh file is opened
- Saved: After saving the edited file
- Modified: When any editing has not yet been saved
- Idle: Nothing has happened yet!

The right side of the status bar shows the current position in file in terms of line and column.

There are indicators which can appear in the status bar:

- CAPS: When Capslock is On
- INS: When inserting mode is on (pressing Insert)
- SEL: When selecting mode is on (pressing SHIFT under console or CTRL+E under X)

### Editing area

Most of the main window will be occupied by the editing field containing the lines of the file selected. Most of your editing work will be done in this area.

## 3 Working around with menus

Menus are on the menu bar on the top of the See [Chapter 2 \[Main Window\]](#), page 4. They are:

### (1) File Menu (opened by pressing ALT+F):

- New: Clears editing area and opens a new file
- Open File: Opens another file for editing
- Save File: Saves the current file to disk
- Save As: Save the current file under another name
- Print: Prints the current file to printer
- Exit: Exits mino

### (2) Edit Menu (opened by pressing ALT+E):

- Cut: Cuts current selection and places text into mino clipboard
- Copy: Copies current selection to mino clipboard
- Paste: Pastes whatever in the mino clipboard into the current position in file
- Select All: Selects the whole document
- Undo: Undoes the last action
- Redo: Redoes the last action undone
- Find: Finds text in the file
- Replace: Finds and replaces specific text in the file
- Delete Line: Deletes the line under the cursor
- Toggle Select Mode (Only under X):
  - Toggles the select mode On (like pressing SHIFT)
  - or Off (Like releasing SHIFT)

### (3) Options Menu (opened by pressing ALT+O):

- Change colors: Opens a dialog box to select different colors for window, menu bar, ...
- Tab spaces: Define the number of spaces to be inserted when you press TAB
- Reset config: Resets the configuration (colors and tab spaces)

All the Options menu items write the new values into the config file (`~/.mino.conf`).

### (4) Help Menu (opened by pressing ALT+H):

- View README: Displays the README file installed with the package
- Quick Referece: Shows a quick reference for mino functions



About Mino: Shows About dialog box

## 4 Using keyboard shortcuts

Moving around with Shortcut Keys:

- ALT+F: Open File menu
- ALT+E: Open Edit menu
- ALT+H: Open Help menu
- ALT+O: Open Options menu

(1) File menu shortcuts:

- CTRL+O: Open file
- CTRL+S: Save file
- CTRL+P: Print file (currently under development)
- CTRL+Q: Exit program

(2) Edit menu shortcuts:

- CTRL+X: Cut selection
- CTRL+C: Copy selection
- CTRL+V: Paste selection
- CTRL+F: Find
- CTRL+R: Find & Replace
- CTRL+A: Select All
- CTRL+D: Delete Line
- CTRL+Z: Undo
- CTRL+Y: Redo
- CTRL+E: Toggle select mode (under X)

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