

# VIM configuration

## Make VI default editor

In order to make vi the standard global default editor to edit crontab for example use this command for debian:

```
update-alternatives --config editor
```

and select vim.basic

or

change the symlink to the default editor manually:

```
rm /etc/alternatives/editor  
ln -s /usr/bin/vi /etc/alternatives/editor
```

or

In order to make vi the global default editor in debian to edit crontab for example, either

```
vi /etc/bash.bashrc
```

and add this line at the end of the file:

```
export VISUAL=vi
```

To make this change only for an individual user (whereby ~ is the home directory of the current user or change it to the home directory of the user this should be changed for):

```
vi ~/.bashrc
```

and add this line at the end of the file:

```
export VISUAL=vi
```

## Debian 9 VIM Mouse issues

In Debian 9, vi/vim has mouse support enabled by default. While this makes it easy to go to a different area of the file via mouse clicks, it causes copy&paste to fail and/or to behave weirdly.

To revert to the old behaviour, a local .vimrc file needs to be created. It can be empty (just containing a double quote sign which is a comment). When this file exists, the default config with mouse support (/usr/share/vim/vim80/defaults.vim) is not being loaded. Editing the defaults.vim file directly is discouraged as this will be overwritten by updates.

```
vi ~/.vimrc
```

add something to it. In the very least one double quoted line as a comment:

```
"placeholder as /usr/share/vim/vim80/defaults.vim is loaded if no ~/.vimrc exists
```

## Debian vim colour syntax highlighting

By default Debian installs vim-tiny which does not support syntax highlighting. To install all required modules for console use

```
apt-get install vim
```

then edit /etc/vim/vimrc

```
vi /etc/vim/vimrc
```

and enable syntax, dark backgrounds and remembering the previous cursor position by removing the double-quotes in front of the relevant lines like this:

```
" Vim5 and later versions support syntax highlighting. Uncommenting the next
" line enables syntax highlighting by default.
syntax on

" If using a dark background within the editing area and syntax highlighting
" turn on this option as well
set background=dark
```

## Good default configuration

Add the configuration to your local .vimrc file in your home directory for various sensible and convenient settings:

```
vi ~/.vimrc
```

```
"placeholder as /usr/share/vim/vim80/defaults.vim is loaded if no ~/.vimrc exists
syntax on
set tabstop=4          " The width of a TAB is set to 4.
                       " Still it is a \t. It is just that
                       " Vim will interpret it to be having
                       " a width of 4.

set shiftwidth=4      " Indents will have a width of 4
```

```
set softtabstop=4    " Sets the number of columns for a TAB

set expandtab        " Expand TABs to spaces

set nocompatible    " Fix telnet issues where cursor keys add A B etc

set mouse-=a        " Disable automatic visual mode when selecting with
mouse

" Only do this part when compiled with support for autocommands.
if has("autocmd")

    " Enable file type detection.
    " Use the default filetype settings, so that mail gets 'tw' set to 72,
    " 'cindent' is on in C files, etc.
    " Also load indent files, to automatically do language-dependent
indenting.
    " Revert with ":filetype off".
    filetype plugin indent on

    " Put these in an autocmd group, so that you can revert them with:
    " ":augroup vimStartup | au! | augroup END"
    augroup vimStartup
        au!

        " When editing a file, always jump to the last known cursor position.
        " Don't do it when the position is invalid or when inside an event
handler
        " (happens when dropping a file on gvim).
        autocmd BufReadPost *
            \ if line("\") >= 1 && line("\") <= line("$") |
            \   exe "normal! g`\" |
            \ endif

        augroup END

endif " has("autocmd")
```

## More info

[VIM Cheat Sheet](#)

From:

<http://wuff.dyndns.org/> - **Wulf's Various Things**

Permanent link:

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Last update: **2023/05/29 11:53**



