

Bryce Baxter

9/14/25

CYSE 270

Working with Vi Editor

Steps 1-2

```
File Edit View Terminal Tabs Help
(student@kali.example.com)-[~]
$ cp /usr/share/doc/zstd/copyright ~/
(student@kali.example.com)-[~]
$ ls -l ~
total 72
drwxr-xr-x 2 student student 4096 Aug 28 19:55 Desktop
drwxr-xr-x 2 student student 4096 Aug 28 19:55 Documents
drwxr-xr-x 2 student student 4096 Aug 28 19:55 Downloads
drwxr-xr-x 2 student student 4096 Aug 28 19:55 Music
drwxr-xr-x 2 student student 4096 Aug 28 19:55 Pictures
drwxr-xr-x 2 student student 4096 Aug 28 19:55 Public
drwxr-xr-x 2 student student 4096 Aug 28 19:55 Templates
drwxr-xr-x 2 student student 4096 Aug 28 19:55 Videos
-rw-rw-r-- 1 student student 10240 Sep  9 15:26 archive.tar
-rw-r--r-- 1 student student 5332 Sep 14 15:07 copyright
-rw-rw-r-- 1 student student  0 Sep 14 15:03 copyright.txt
drwxrwxr-x 2 student student 4096 Sep  5 00:12 data
-rw-rw-r-- 1 student student 29 Sep  2 16:01 demo.txt.gz
-rw-rw-r-- 1 student student  3 Sep 11 15:47 filename.txt
-rw-rw-r-- 1 student student  0 Sep 11 15:12 filename.txt
-rw-rw-r-- 1 student student 12 Sep  9 15:07 input.txt
drwxrwxr-x 7 student student 4096 Sep  4 15:45 practice_folder
```

Step 3

```
File Edit View Terminal Tabs Help
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          01294121 Przemyslaw Skibinski
          Martin Liska
          SUSE
          Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
        see: https://github.com/facebook/zstd/pull/801

Files: zlibWrapper/examples/*.c

15,13-20 Top
```

Step 4

```
File Edit View Terminal Tabs Help
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          01294121 Przemyslaw Skibinski
          Martin Liska
          SUSE
          Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
        see: https://github.com/facebook/zstd/pull/801

Files: zlibWrapper/examples/*.c
-- INSERT --
```

15,14-21 Top

Step 5 <esc>

File Edit View Terminal Tabs Help

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: Zstd

Source: <https://github.com/facebook/zstd>

Files-Excluded: build/VS2008
build/VS2010
build/VS_scripts
programs/windres/*
.buckversion
.buckconfig
.circleci/*
.cirrus.yml

Files: *

Copyright: Yann Collet
01294121 Przemysław Skibinski
Martin Liska
SUSE
Meta Platforms, Inc. and affiliates

License: BSD-3-clause or GPL-2

Comment: Starting from 1.3.1 zstd's patent claim is removed
see: <https://github.com/facebook/zstd/pull/801>

Files: zlibWrapper/examples/*.c

15,13-20

Top

Step 6 <In command mode click o+enter>

```
File Edit View Terminal Tabs Help
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          01294121 Przemysław Skibinski
          Martin Liska
          SUSE
          Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
        see: https://github.com/facebook/zstd/pull/801

Files: zlibWrapper/examples/*.c

15,13-20 Top
```

Step 7 <esc>

```
File Edit View Terminal Tabs Help
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          01294121 Przemyslaw Skibinski

          Martin Liska
          SUSE
          Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
see: https://github.com/facebook/zstd/pull/801

17,0-1 Top
```

Step 8 <I ****XXXX**** ****XXXX**** ****XXXX**** ****XXXX**** ****XXXX****<esc>

```
File Edit View Terminal Tabs Help
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
           01294121 Przemyslaw Skibinski
****XXXX**** ****XXXX**** ****XXXX**** ****XXXX**** ****XXXX****
           Martin Liska
           SUSE
           Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
        see: https://github.com/facebook/zstd/pull/801

16,64 Top
```

Step 9 <gg>

```
File Edit View Terminal Tabs Help
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
           01294121 Przemyslaw Skibinski
*****
           Martin Liska
           SUSE
           Meta Platforms, Inc. and affiliates
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Comment: Starting from 1.3.1 zstd's patent claim is removed
        see: https://github.com/facebook/zstd/pull/801

1,1 Top
```

Step 10 <3>


```
File Edit View Terminal Tabs Help
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          01294121 Przemyslaw Skibinski
****XXXXX**** ****XXXXX**** ****XXXXX**** ****XXXXX**** ****XXXXX****
          Martin Liska
          SUSE
          Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
        see: https://github.com/facebook/zstd/pull/801

Files: zlibWrapper/examples/*.c

19,26-33 1%
```

Step 11 <4w>

```
File Edit View Terminal Tabs Help
Files-Excluded: build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
           01294121 Przemyslaw Skibinski
           Martin Liska
           SUSE
           Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
        see: https://github.com/facebook/zstd/pull/801

Files: zlibWrapper/examples/*.c
Copyright: 1995-2006, 2011 Jean-loup Gailly
License: zlib

2 fewer lines; before #2 15:23:10 16,12-19 3%
```

Step 12 </example>

File Edit View Terminal Tabs Help

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2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Files: lib/dictBuilder/divsufsort.*

Copyright: 2003-2008, Yuta Mori

License: Expat

Files: examples/*

Copyright: 2016-present, Yann Collet, Facebook, Inc.

License: BSD-3-clause or GPL-2

Files: debian/*

Copyright:

2015-2016 Kevin Murray <spam@kdmurray.id.au>

2022-2024 Peter Pentchev <roam@debian.org>

License: Expat

License: Expat

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?example

Step 13

```
File Edit View Terminal Tabs Help
    build/VS_scripts
    programs/windres/*
    .buckversion
    .buckconfig
    .circleci/*
    .cirrus.yml

Files: *
Copyright: Yann Collet
          01294121 Przemyslaw Skibinski
          Martin Liska
          SUSE
          Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
see: https://github.com/facebook/zstd/pull/801

Files: zlibWrapper/examples/*.c
Copyright: 1995-2006, 2011 Jean-loup Gailly
License: zlib

Files: zlibWrapper/gz*.c
Copyright: (C) 2004, 2005, 2010, 2011, 2012, 2013 Mark Adler
/example
```

Step 14 <Ctrl+W>

```
File Edit View Terminal Tabs Help
    programs/windres/*
    .buckversion
    .buckconfig
    .circleci/*
    .cirrus.yml

Files: *
Copyright: Yann Collet
          Przemysław Skibinski
          Martin Liska
          SUSE
          Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
        see: https://github.com/facebook/zstd/pull/801

Files: zlibWrapper/*.*
Copyright: 1995-2006, 2011 Jean-loup Gailly
License: zlib

Files: zlibWrapper/gz*.c
Copyright: (C) 2004, 2005, 2010, 2011, 2012, 2013 Mark Adler
License: zlib

23,19 6%
```

Step 15 <1d>

```
File Edit View Terminal Tabs Help
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml
Copyright: Yann Collet
          Przemyslaw Skibinski
          Martin Liska
          SUSE
          Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
        see: https://github.com/facebook/zstd/pull/801

Files: zlibWrapper/*.c
Copyright: 1995-2006, 2011 Jean-loup Gailly
License: zlib

12,1 Top
```

Step 16 <Ctrl+End>

File Edit View Terminal Tabs Help

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119,61

Bot

Step 17 <cp+p>


```
File Edit View Terminal Tabs Help
Format: HTTPs://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: HTTPs://github.com/facebook/zstd
Files-Excluded: build/VS2008
                 build/VS2010
                 build/VS_scripts
                 programs/windres/*
                 .buckversion
                 .buckconfig
                 .circleci/*
                 .cirrus.yml

Files: *
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           Przemyslaw Skibinski
           Martin Liska
           SUSE
           Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
        see: HTTPs://github.com/facebook/zstd/pull/801

Files: zlibWrapper/*.c
```

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Step 19 <:wq>

```
File Edit View Terminal Tabs Help
(student@kali.example.com)-[~]
$ vi copyright

(student@kali.example.com)-[~]
$
```

Step 20 <mv old_filename.txt new_filename.txt

```
File Edit View Terminal Tabs Help
└─(student@kali.example.com)-[~]
└─$ vi copyright

└─(student@kali.example.com)-[~]
└─$ ls
Desktop    Music    Templates  copyright  demo.txt.gz  input.txt
Documents  Pictures Videos    copyright.txt filename.txt  practice_folder
Downloads  Public   archive.tar data        filename.txt

└─(student@kali.example.com)-[~]
└─$ mv copyright.txt copyright_cyse270.txt

└─(student@kali.example.com)-[~]
└─$ ls
Desktop    Pictures  archive.tar  demo.txt.gz  practice_folder
Documents  Public    copyright    filename.txt
Downloads  Templates copyright_cyse270.txt filename.txt
Music      Videos   data        input.txt

└─(student@kali.example.com)-[~]
└─$
```