



Debsources on mobile

(all the source code on your phone!)

<https://sources.debian.net>

Matthieu Caneill, **DebConf16** @ Cape Town
<matt@brokenwa.re>

Outline

- (short) Introduction to Debsources
- New stable features: patch tracker, copyright tracker
- Incoming: Debsources on mobile!

Debian Sources

All Debian source are belong to us — Anonymous 

Browse through the source code of the [Debian](#) operating system. [Read more...](#)

Browse by prefix

0 2 3 4 6 7 8 9 a b c d e f g h i j
 k l lib- lib3 liba libb libc libd libe
 libf libg libh libi libj libk libl libm
 libn libo libp libq libr libs libt libu
 libv libw libx liby libz m n o p q r
 s t u v w x y z

Search

by package name:

scrot -sl

the source code (via [codesearch](#)):

News

- 22 Dec 2015: due to debmirror bug [#808216](#) updates have been skipped for the past ~10 days. Things are back to normal now.
- 29 Apr 2015: Debian 6.0 "Squeeze" have been unavailable for a few days for reindexing, resulting in temporary low peaks in [stats](#).
- 05 Dec 2014: lowered garbage collection delay to 1 week.
- 17 Sep 2014: [Debian Squeeze \(6.0\) LTS](#) is now supported: its packages are indexed and the release appears in [stats](#).
- 30 Apr 2014: due to exuberant-ctags bug [#742605](#), [chromium](#) has been ignored for the last month. It is now back. Due to the package size, peaks in [stats](#) ensue.
- 09 Mar 2014: completed injection of [archive.debian.org](#) releases. Peaks in cumulative [stats](#) ensue.

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In a nutshell

- View the *source code* of any package
- *Search* the source code (via codesearch.d.n)
- Enjoy interesting *statistics*

File: cowsay

file content (199 lines) | stat: -rwxr-xr-x 4,421 bytes

[parent folder](#) | [download](#) | [duplicates \(4\)](#)

[package info \(click to toggle\)](#)

```

1  #!/usr/bin/perl
2
3  ##
4  ## Cowsay 3.03
5  ##
6  ## This file is part of cowsay. (c) 1999-2000 Tony Monroe.
7  ##
8
9  use Text::Tabs qw(expand);
10 use Text::Wrap qw(wrap fill $columns);
11 use File::Basename;
12 use Getopt::Std;
13 use Cwd;
14
15 if ($^{^UTF8LOCALE}) {
16     binmode STDIN, ':utf8';
17     binmode STDOUT, ':utf8';
18     require Encode;
19     eval { $_ = Encode::decode_utf8($_,1) } for @ARGV;
20 }
21
22 $version = "3.03";
23 $progname = basename($0);
24 $eyes = "oo";
25 $tongue = " ";
26 $cowpath = $ENV{'COWPATH'} || '/usr/share/cowsay/cows';
27 @message = ();
28 $thoughts = "";
29
30 ## Yeah, this is rude, I know. But hopefully it gets around a nasty
31 ## little version dependency.
32
33 $Text::Wrap::initial_tab = 8;
34 $Text::Wrap::subsequent_tab = 8;
35 $Text::Wrap::tabstop = 8;

```

SLOC (source lines of code)

package info (click to toggle)

linux 4.7~rc4-1~exp1

- links: [PTS](#), [VCS](#)
- area: main
- in suites: experimental
- size: 780,296 kB
- ctags: 2,956,190
- SLOC: ansic: 14,086,652;
asm: 282,271; xml: 50,377;
makefile: 35,070; perl:
24,526; sh: 14,556; python:
11,038; cpp: 5,358; yacc:
4,327; lex: 2,414; awk:
1,130; pascal: 231; lisp: 218

| suite | SLOC (millions) |
|---------|-----------------|
| squeeze | 463 |
| wheezy | 682 |
| jessie | 825 |
| stretch | 874 |
| sid | 1168 |

Last year at Debconf, we announced
a **patch tracker**, and a **copyright tracker**

... it **works!**

All credits go to Orestis Ioannou

<https://sources.debian.net/patches/>

Package: linux / 4.7~rc4-1~exp1

Metadata

| Package | Version | Patches format |
|---------|----------------|----------------|
| linux | 4.7~rc4-1~exp1 | 3.0 (quilt) |

Patch series

[view the series file](#)

| Patch | File delta | Description |
|---|--|--|
| debian/version.patch (download) | Makefile 15 14 + 1 - 0 ! arch/ia64/kernel/process.c 5 3 + 2 - 0 ! arch/powerpc/kernel/process.c 6 4 + 2 - 0 ! arch/x86/um/sysrq_64.c 6 4 + 2 - 0 ! kernel/printk/printk.c 6 4 + 2 - 0 ! 5 files changed, 29 insertions(+), 9 deletions(-) | include package version along with kernel release in stack traces Date: Tue, 24 Jul 2012 03:13:10 +0100 |
| debian/uname version timestamp.patch (download) | scripts/mkcompile_h 10 7 + 3 - 0 ! 1 file changed, 7 insertions(+), 3 deletions(-) | make mkcompile_h accept an alternate timestamp string Date: Tue, 12 May 2015 19:29:22 +0100 |

Package: linux / 4.7~rc4-1~exp1

```
1 | From: Ben Hutchings <ben@decadent.org.uk>
2 | Subject: Include package version along with kernel release in stack traces
3 | Date: Tue, 24 Jul 2012 03:13:10 +0100
4 | Forwarded: not-needed
5 |
6 | For distribution binary packages we assume
7 | $DISTRIBUTION_OFFICIAL_BUILD, $DISTRIBUTOR and $DISTRIBUTION_VERSION
8 | are set.
9 |
10 | --- a/Makefile
11 | +++ b/Makefile
12 | @@ -1019,7 +1019,7 @@ endif
13 |     prepare2: prepare3 outputmakefile asm-generic
14 |
15 |     prepare1: prepare2 $(version_h) include/generated/utsrelease.h \
16 | -         include/config/auto.conf
17 | +         include/config/auto.conf include/generated/package.h
18 |         $(cmd_crmodverdir)
19 |         $(Q)test -e include/generated/autoksyms.h || \
20 |             touch include/generated/autoksyms.h
21 | @@ -1068,6 +1068,16 @@ define filechk_version.h
22 |     echo '#define KERNEL_VERSION(a,b,c) (((a) << 16) + ((b) << 8) + (c));'
23 | endif
24 |
25 | +ifneq ($(DISTRIBUTION_OFFICIAL_BUILD),)
26 | +define filechk_package.h
27 | +     echo '#define LINUX_PACKAGE_ID \' $(DISTRIBUTOR) $(DISTRIBUTION_VERSION)\''
28 | +endif
29 | +else
30 | +define filechk_package.h
31 | +     echo '#define LINUX_PACKAGE_ID \''\''
32 | +endif
33 | +endif
34 | +
```

<https://sources.debian.net/copyright/>

Package: firefox / 48.0~b1-1

Header

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

Upstream-Name: Firefox

Source: <http://ftp.mozilla.org/pub/mozilla.org/firefox/>

Disclaimer: The original upstream tarball is modified from upstream by removing a set of sourceless binary, non-free, and VCS-related files. You can find a repack.py script in the debian directory doing this cleanup using filtering data present in a source.filter file in the same directory. If this file is incomplete, which I'm pretty sure is the case, because it's difficult not to forget anything in this huge amount of data, please file a bug or contact me. Some licensing terms are not included verbatim in this file on purpose, for terms that are available in a file in subdirectories that are not used to build the binary packages.

Files

| Files | Copyright | License | Comment |
|---|---|---|---------|
| * | 1998-2010, Mozilla Project | MPL-2.0 | ---- |
| debian/* | 2005-2014, Mike Hommey < glandium@debian.org > | MPL-2.0 | ---- |
| build/autoconf/codeset.m4 build/autoconf/config.guess build/autoconf/config.sub js/src/build /autoconf/config.guess js/src/build /autoconf/config.sub nsprpub/build /autoconf/config.guess nsprpub/build /autoconf/config.sub | 1992-2008, Free Software Foundation Inc. | GPL-2 or GPL-3 | ---- |

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Restrictions: we need **machine-parsable** data

- 3.0 (quilt)
- debian/copyright

Go mobile



Source code in your **pocket** (raise your hands if you're bored while commuting!)

Fancier **design** (lynx-compatible, no worries)

New **features** incoming!

debian

Search package

Search code

Home

Search

Documentation

Stats

About

package info (click to toggle)

libcaca 0.99.beta19-2

- links: [PTS](#), [VCS](#)
- area: main
- in suites: jessie, sid, stretch
- size: 7,280 kB
- ctags: 3,824
- SLOC: ansic: 22,346; python: 2,316; cs: 1,213; cpp: 1,114; java: 916; objc: 836; makefile: 606; sh: 457; ruby: 193; asm: 65

/ sources / libcaca / 0.99.beta19-2 / src / aafire.c

File: aafire.c

file content (303 lines) |

[parent folder](#) |

stat: -rw-r--r-- 9,321

[download](#) | [duplicates](#)

bytes

(2)

```

1 /*
2  * cacafire    fire demo for libcaca
3  * Copyright (c) 2003-2010 Sam Hocevar <sam@hocevar.net>
4  *             1998, 1999, 2001 Jan Hubicka <hubicka@redhat.com>
5  *
6  * This program is free software; you can redistribute it and/or
7  * modify it under the terms of the GNU General Public License
8  * as published by the Free Software Foundation; either version 2
9  * of the License, or (at your option) any later version.
10 *
11 * This program is distributed in the hope that it will be useful,
12 * but WITHOUT ANY WARRANTY; without even the implied warranty of
13 * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
14 * GNU General Public License for more details.
15 *
16 * You should have received a copy of the GNU General Public License
17 * along with this program; if not, write to the Free Software
18 * Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA
19 * 02110-1301, USA.
20 */

```



Debian Sources

Browse through the source code of the [Debian](#) operating system. [Read more...](#)

Browse by prefix

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[q](#) [r](#) [s](#) [t](#) [u](#) [v](#) [w](#) [x](#) [y](#) [z](#)

Search

by *package name*:

Search package

the *source code* (via [codesearch](#)):

Search code

News



In-browser edition of files

Works with Firefox/Chromium plugins (credits go to Raphael Geissert)

We want it **native** in Debsources

For **desktop** and **mobile**

Current status

Work in progress

GsoC student (Aaron Delaney)

Help and patches always **welcome!**

Thank you! Questions?

Matthieu Caneill, **DebConf16** @ Cape Town
<mat t@brokenwa .re>