```
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!

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Debian Sources

All Debian source are belong to us - Anonymous 11

Browse through the source code of the Debian operating system. Read more...

Browse by prefix

02346789abcdefghj k | lib- lib3 liba libb libc libd libe libf libg libh libi libj libk libl libm libn libo libp libg libr libs libt libu libv libw libx liby libz mnopgr



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.

hosted by

In a nutshell

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

File: cowsay

debian / sources / cowsay / 3.03+dfsgl-4 / cowsay

```
file content (199 lines) | stat: -rwxr-xr-x 4,421 bytes
                                                                                                        parent folder | download | duplicates (4)
                                                                                                                               package info (click to toggle)
       #!/usr/bin/perl
    2
        ## Cowsay 3.03
        ## This file is part of cowsay. (c) 1999-2000 Tony Monroe.
    6
    8
        use Text::Tabs qw(expand);
        use Text::Wrap qw(wrap fill $columns);
        use File::Basename;
   11
   12
        use Getopt::Std;
        use Cwd;
   13
   14
   15
        if (${^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";
        $progname = basename($0);
    23
    24
        $eyes = "oo";
    25
        $tongue = " ";
        $cowpath = $ENV{'COWPATH'} || '/usr/share/cowsay/cows';
   26
    27
        @message = ();
        $thoughts = "";
    28
    29
        ## Yeah, this is rude, I know. But hopefully it gets around a nasty
    30
    31
        ## little version dependency.
    32
        $Text::Wrap::initial_tab = 8;
        $Text::Wrap::subsequent tab = 8;
        $Text::Wrap::tabstop = 8:
```

SLOC (source lines of code)

package info (clicktotoggle) linux 4.7~rc4-1~exp1

• links: <u>PTS</u>, <u>VCS</u>

area: main

• in suites: experimental

size: 780,296 kB
ctags: 2,956,190

• <u>SLOC</u>: 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	scripts/mkcompile_h 10	make mkcompile_h accept an alternate timestamp string

timestamp.patch (download)

1 file changed, 7 insertions(+), 3deletions(-)

Date: Tue, 12 May 2015 19:29:22 +0100

Package: linux / 4.7~rc4-1~exp1

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

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

/autoconf/config.sub nsprpub/build /autoconf/config.guess nsprpub/build

/autoconf/config.sub

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
<u>*</u>	1998-2010, Mozilla Project	MPL-2.0	
debian/*	2005-2014, Mike Hommey <glandium@debian.org></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	1992-2008, Free Software Foundation Inc.	GPL-2 or GPL-3	

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License: BSD-2-clause (Unfold License)

Restrictions: we need machine-parsable data

- 3.0 (quilt)
- debian/copyright

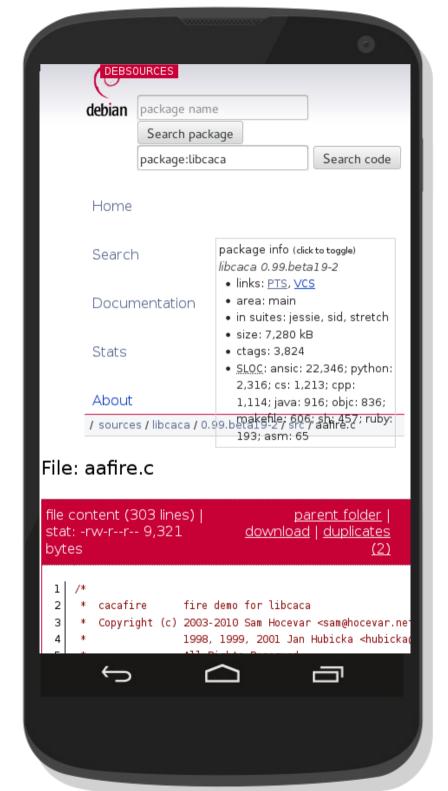
Go mobile

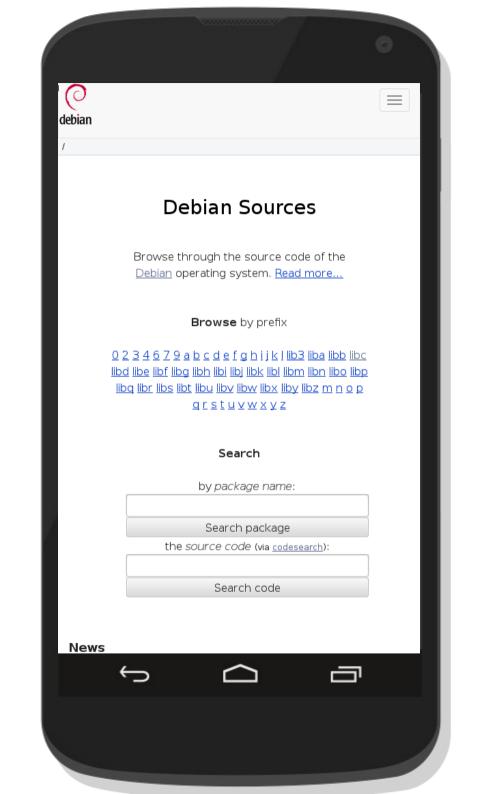


Source code in your **pocket** (raise your hands if you're bored while commuting!)

Fancier design (lynx-compatible, no worries)

New features incoming!





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?

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