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<one line to give the program's name and a brief idea of what it does.>  
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```

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```
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```

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Version 3.0, 18 August 2009

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
```

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## 1.3 binutils 2.21.1.1a

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## 1.4 bootenv 0.0.1

### 1.4.1 Available under license :

The bootenv utility is placed under the GPL by means of the e-mail exchange between myself and the original author shown below.

-- John W. Linville  
LVL7 Systems, Inc.  
04/22/2003

-----  
From - Tue Apr 22 15:12:58 2003  
X-Mozilla-Status: 0001  
X-Mozilla-Status2: 00000000  
Received: from nobody.lpr.e-technik.tu-muenchen.de ([129.187.151.1]) by lvl7ser4.lvl7.com with SMTP (Microsoft Exchange Internet Mail Service Version 5.5.2650.21) id 20WHF7CF; Sat, 19 Apr 2003 10:57:27 -0400  
Received: from metrowerks.com (ernie.lpr.e-technik.tu-muenchen.de [129.187.151.192]) by nobody.lpr.e-technik.tu-muenchen.de (8.11.6/8.11.6) with ESMTP id h3JErII07056 for <linville@lvl7.com>; Sat, 19 Apr 2003 16:53:47 +0200  
Message-ID: <3EA162E8.9030201@metrowerks.com>  
Date: Sat, 19 Apr 2003 16:53:28 +0200  
From: Bernhard Kuhn <bkuhn@metrowerks.com>  
X-Accept-Language: en-us, en  
MIME-Version: 1.0  
To: "John W. Linville" <linville@lvl7.com>  
Subject: Re: bootenv binary  
References: <3EA0785D.7050603@lvl7.com>  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

John W. Linville wrote:  
> Is the bootenv binary covered by the GPL?

Yes, i will add a license file by time :-)

-----  
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```

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```
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```

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## 1.6 buildroot 2012.02

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```

```
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One common dilemma is that [GPL](<https://www.gnu.org/licenses/gpl.html>) licensed code is not allowed to be linked with code licensed under the [Original BSD license](<https://spdx.org/licenses/BSD-4-Clause.html>) (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an [exception](<https://www.gnu.org/licenses/gpl-faq.html#GPLIncompatibleLibs>). This particular problem was addressed when the [Modified BSD license](<https://opensource.org/licenses/BSD-3-Clause>) was created, which does not have the announcement clause that collides with GPL.

#### ## libcurl

Uses an [MIT style license](<https://curl.haxx.se/docs/copyright.html>) that is very liberal.

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#### ## GnuTLS

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## ## WolfSSL

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## ## mbedTLS

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## ## BoringSSL

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## ## libressl

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## ## c-ares

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

## ## zlib

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

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## Heimdal

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## OpenLDAP

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

## libssh2

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

## 1.10 dnscrypt-proxy 1.9.5

### 1.10.1 Available under license :

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====

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The externally maintained libraries used by dnscrypt-proxy are:

- libsodium (<https://github.com/jedisct1/libsodium>). 2-clause BSD license. Based on NaCl (<http://nacl.cr.yp.to>), public domain. See `src/libsodium/{COPYING,AUTHORS}`.

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====

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## 1.11 gawk 4.0.0 :r1

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Version 3, 29 June 2007

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## 1.12 gcc 4.5.3

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#### GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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Version 3, 29 June 2007

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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

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## 1.13 gmp 5.0.2 :r0

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## 1.14 isatap 0.9.6

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## 1.17 libghthash 0.5.5

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scriptversion=2011-11-20.07; # UTC

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# This script is compatible with the BSD install script, but was written
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```

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## 1.23 Minihttpd 1.19

### 1.23.1 Available under license :

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## 1.24 mpc 0.9

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16. [17]Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119
17. [18]John Hay <jhay@icomtek.csir.co.za> IPv6 support and testing
18. [19]Dave Hart <davehart@davehart.com> General maintenance, Windows port interpolation rewrite.
19. [20]Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver
20. [21]Mike Iglesias <iglesias@uci.edu> DEC Alpha port
21. [22]Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port
22. [23]Jeff Johnson <jbj@chatham.usdesign.com> massive prototyping overhaul
23. [24]Hans Lambermont <Hans.Lambermont@nl.origin-it.com> or [25]<H.Lambermont@chello.nl> ntpswEEP
24. [26]Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)
25. [27]Frank Kardel [28]<kardel (at) ntp (dot) org> PARSE <GENERIC>

- driver (>14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling
26. [29]William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications
  27. [30]Dave Katz <dkatz@cisco.com> RS/6000 AIX port
  28. [31]Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver
  29. [32]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
  30. [33]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
  31. [34]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
  32. [35]Danny Mayer <mayer@ntp.org>Network I/O, Windows Port, Code Maintenance
  33. [36]David L. Mills <mills@udel.edu> Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers: Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics; audio clock drivers: CHU, WWV/H, IRIG
  34. [37]Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port
  35. [38]Jeffrey Mogul <mogul@pa.dec.com> ntptrace utility
  36. [39]Tom Moore <tmoore@fievel.daytonoh.ncr.com> i386 svr4 port
  37. [40]Kamal A Mostafa <kamal@whence.com> SCO OpenServer port
  38. [41]Derek Mulcahy <derek@toybox.demon.co.uk> and [42]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
  39. [43]Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance
  40. [44]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
  41. [45]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
  42. [46]Wilfredo Snchez <wsanchez@apple.com> added support for NetInfo
  43. [47]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
  44. [48]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
  45. [49]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
  46. [50]Michael Shields <shields@tembel.org> USNO clock driver
  47. [51]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
  48. [52]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
  49. [53]Kenneth Stone <ken@sdd.hp.com> HP-UX port
  50. [54]Ajit Thyagarajan <ajit@ee.udel.edu>IP multicast/anycast support
  51. [55]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp>TRAK clock driver
  52. [56]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
  53. [57]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

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## References

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## 1.32 python 2.7.15

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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2.1	2.0+1.6.1	2001	PSF	no
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2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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#### Mersenne Twister

-----

The `:mod:`_random`` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
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## Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and `:func:`getnameinfo``, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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MD5 message digest algorithm

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

- 2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.
- 1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
- 1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.
- 1999-05-03 lpd Original version.

Asynchronous socket services

-----

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Execution tracing

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UUencode and UUdecode functions

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

#### XML Remote Procedure Calls

-----

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Select kqueue

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strtod and dtoa

-----

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expat

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no

2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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```
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```

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# 1.35 tweetnacl 20140427

# 1.36 tweetnacl.js 1.0.0

# 1.37 uClibc 0.9.32.1

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Ty Coon, President of Vice

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```
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```

\*/

From gsf@research.att.com Wed Mar 1 20:30:54 2006

Return-Path: <gsf@research.att.com>

X-Original-To: mps@bridge.intra

Delivered-To: mps@bridge.intra

Received: from localhost (localhost [127.0.0.1])

by localhost (Postfix) with ESMTP id B8C814E4F

for <mps@bridge.intra>; Wed, 1 Mar 2006 20:30:53 +0100 (CET)

Received: from mail.bridge.intra ([127.0.0.1])

by localhost (lnx.bridge.intra [127.0.0.1]) (amavisd-new, port 10024)

with LMTP id 05987-03 for <mps@bridge.intra>;

Wed, 1 Mar 2006 20:30:42 +0100 (CET)

Received: from pop.gmx.net (localhost [127.0.0.1])

by mail.bridge.intra (Postfix) with ESMTP id C8C73794D

for <mps@bridge.intra>; Wed, 1 Mar 2006 20:30:38 +0100 (CET)

X-Flags: 0000

Delivered-To: GMX delivery to ps.m@gmx.net

Received: (gmail invoked by alias); 01 Mar 2006 19:23:46 -0000

Received: from mail-red.research.att.com (EHLO mail-white.research.att.com) [192.20.225.110]

by mx0.gmx.net (mx085) with SMTP; 01 Mar 2006 20:23:46 +0100

Received: from raptor.research.att.com (raptor.research.att.com [135.207.23.32])

by mail-blue.research.att.com (Postfix) with ESMTP id B7929147CBB

for <ps.m@gmx.net>; Wed, 1 Mar 2006 14:23:45 -0500 (EST)

Received: (from gsf@localhost)

by raptor.research.att.com (SGI-8.9.3p2/8.8.7) id OAA86112

for ps.m@gmx.net; Wed, 1 Mar 2006 14:23:45 -0500 (EST)

Date: Wed, 1 Mar 2006 14:23:45 -0500 (EST)

From: Glenn Fowler <gsf@research.att.com>

Message-Id: <200603011923.OAA86112@raptor.research.att.com>

Organization: AT&T Research

X-Mailer: mailx (AT&T/BSD) 9.9 2005-04-21

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

References: <Pine.LNX.4.44.0603012011250.6386-100000@lnx.bridge.intra>

To: mps@bridge.intra

Subject: Re: testregex licensing question

X-GMX-Antivirus: -1 (not scanned, may not use virus scanner)

X-GMX-Antispam: 0 (Mail was not recognized as spam)

X-GMX-UID: IJF3ZO9DeSEkJ2TcbHQhaXN1IGRvb0Ca

X-Virus-Scanned: by amavisd-new at localhost

Status: RO

X-Status:

X-Keywords:

X-UID: 44736

you may include it directly

retain the testregex.c header comment

it uses a very free license to maximize distribution  
you can copy that .c comment to any test data files you use  
using # comment style to be complete

let me know how it works with your libc  
also pass on any new tests you cook up

On Wed, 1 Mar 2006 20:15:02 +0100 (CET) Peter S. Mazinger wrote:

> Hello Glenn!

> I would want to add testregex.c and the related \*.dat files to the uClibc  
> testsuite. uClibc is licensed under LGPL v2.1. I haven't found any  
> licensing related info on testregex.

> Is it allowed to use the code there, or should I accomodate the testsuite  
> to download the needed files from the original site each time it is ran?

> Thanks, Peter

> --

> Peter S. Mazinger <ps dot m at gmx dot net>

ID: 0xA5F059F2

> Key fingerprint = 92A4 31E1 56BC 3D5A 2D08 BB6E C389 975E A5F0 59F2

## 1.38 wide-dhcpv6 2.0080615E7

### 1.38.1 Available under license :

\$KAME: COPYRIGHT,v 1.2 2004/07/29 19:02:18 jinmei Exp \$

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## 1.39 winpcap 4.0.2

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## 1.40 wpa-supPLICANT 1.1 :1

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## 1.42 zlib 1.2.1.1

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