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Version 3.0, 18 August 2009

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1.2 automake 1.11.1 :1.2.el6

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1.3 binutils 2.21.1.1a

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1.4 booteny 0.0.1

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-- 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 h3JErlI07056

for sille@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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Version 2, June 1991

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1.5 bridge-utils 1.4

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1.10 gawk 4.0.0 :r1

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Version 2, June 1991

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1.11 gcc 4.5.3

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Version 3.1, 31 March 2009

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1.13 isatap 0.9.6

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1.14 kernel 2.6.36.4

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1.15 libghthash 0.5.5

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1.16 libtool 2.2.10

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1.18 m4 1.4.16

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1.19 mDNSResponder 107.6

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1.20 Minihttpd 1.19

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/* mini httpd - small HTTP server

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1.21 mpc 0.9

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- 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 <i glesias @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
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- 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

References

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

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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

Deli and Team of the inter-

 $Delivered\hbox{-} To: mps@bridge.intra$

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: (qmail 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

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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 accommodate 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

1.31 wide-dhcpv6 2.0080615E7

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

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1.32 winpcap 4.0.2

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1.33 wpa-supplicant 1.1 :1

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1.34 xz 5.0.3

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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Version 2.1, February 1999

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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1.35 zlib 1.2.1.1

1.35.1 Available under license:

/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.1.1, January 9th, 2004

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1.36 zlib 1.2.5

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