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```

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AUTOCONF CONFIGURE SCRIPT EXCEPTION
Version 3.0, 18 August 2009

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1.2 automake 1.11.1 :1.2.el6

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```
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```

```
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1.3 binutils 2.21.1.1a

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1.4 bootenv 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 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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1.5 bridge-utils 1.4

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1.9 crosstool-ng 1.13.4

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1.10 dropbear-0.51 0.51

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loginrec.c

loginrec.h

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1.11 fakeroot 1.20

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1.12 gawk 4.0.0 :r1

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1.13 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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1.14 gmp 5.0.2 :r0

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```
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Version 3, 29 June 2007

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1.18 libtool 2.2.10

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```

```
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1.19 libxml2 2.6.8

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/*

* hash.c: chained hash tables

*

* Reference: Your favorite introductory book on algorithms

*

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*

* Author: breese@users.sourceforge.net

*/

/*

* list.c: lists handling implementation

*

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*/

```

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1.20 m4 1.4.16

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Version 3, 29 June 2007

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1.21 Minihttpd 1.19

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 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
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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
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 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@pfc.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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1.29 pstack 1.2

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```
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```

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```
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```

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1.32 uClibc 0.9.32.1

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<signature of Ty Coon>, 1 April 1990

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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: (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

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

1.33 Winpcap 4.0.2

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1.35 xz 5.0.3

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1.36 zlib 1.2.5

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1.37 zlib 1.2.1.1

1.37.1 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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