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(This file is under construction.) -*- text -*-

If you've contributed to gas and your name isn't listed here, it is not meant as a slight. I just don't know about it. Email me, nickc@redhat.com and I'll correct the situation.

This file will eventually be deleted: The general info will go into the documentation, and info on specific files will go into an AUTHORS file, as requested by the FSF.

+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions.

Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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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.

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If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the

application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
@end enumerate

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@enumerate a

@item

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@item

Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

@end enumerate

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@enumerate a

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@end enumerate

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@appendixsubsec How to Apply These Terms to Your New Libraries

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@smallexample

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@end smallexample

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@smallexample

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@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

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Version 3, 29 June 2007

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1.2 busybox-1.21 1.21

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Julian Seward, Cambridge, UK.

jseward@bzip.org

bzip2/libbzip2 version 1.0.4 of 20 December 2006

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Julian Seward, Cambridge, UK.

jseward@acm.org

bzip2/libbzip2 version 1.0.2 of 30 December 2001

/*

minibz2

libbz2.dll test program.

by Yoshioka Tsuneo (tsuneo@rr.iij4u.or.jp)

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usage: minibz2 [-d] [-{1,2,..9}] [[srcfilename] destfilename]

*/

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```
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```

```
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the Free Software Foundation, either version 3 of the License, or  
(at your option) any later version.
```

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```
eval '(exit $?0)' && eval 'exec perl -wS -0777 -pi "$0" ${1+"$@"}'  
& eval 'exec perl -wS -0777 -pi "$0" $argv:q'  
if 0;
```

```
# Update an FSF copyright year list to include the current year.
```

```
my $VERSION = '2012-02-05.21:39'; # UTC
```

```
# Copyright (C) 2009-2012 Free Software Foundation, Inc.
```

```
#
```

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#
```

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```

```
#
```

```
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```

```
# Written by Jim Meyering and Joel E. Denny
```

```
# The arguments to this script should be names of files that contain  
# copyright statements to be updated. The copyright holder's name  
# defaults to "Free Software Foundation, Inc." but may be changed to  
# any other name by using the "UPDATE_COPYRIGHT HOLDER" environment
```

```

# variable.
#
# For example, you might wish to use the update-copyright target rule
# in maint.mk from gnulib's maintainer-makefile module.
#
# Iff a copyright statement is recognized in a file and the final
# year is not the current year, then the statement is updated for the
# new year and it is reformatted to:
#
# 1. Fit within 72 columns.
# 2. Convert 2-digit years to 4-digit years by prepending "19".
# 3. Expand copyright year intervals. (See "Environment variables"
#    below.)
#
# A warning is printed for every file for which no copyright
# statement is recognized.
#
# Each file's copyright statement must be formatted correctly in
# order to be recognized. For example, each of these is fine:
#
# Copyright @copyright{ } 1990-2005, 2007-2009 Free Software
# Foundation, Inc.
#
# # Copyright (C) 1990-2005, 2007-2009 Free Software
# # Foundation, Inc.
#
# /*
#  * Copyright &copy; 90,2005,2007-2009
#  * Free Software Foundation, Inc.
#  */
#
# However, the following format is not recognized because the line
# prefix changes after the first line:
#
# ## Copyright (C) 1990-2005, 2007-2009 Free Software
# # Foundation, Inc.
#
# However, any correctly formatted copyright statement following
# a non-matching copyright statements would be recognized.
#
# The exact conditions that a file's copyright statement must meet
# to be recognized are:
#
# 1. It is the first copyright statement that meets all of the
#    following conditions. Subsequent copyright statements are
#    ignored.
# 2. Its format is "Copyright (C)", then a list of copyright years,
#    and then the name of the copyright holder.

```



```

# 3. The "(C)" takes one of the following forms or is omitted
#   entirely:
#
#   A. (C)
#   B. (c)
#   C. @copyright{ }
#   D. &copy;
#
# 4. The "Copyright" appears at the beginning of a line, except that it
#   may be prefixed by any sequence (e.g., a comment) of no more than
#   5 characters -- including white space.
# 5. Iff such a prefix is present, the same prefix appears at the
#   beginning of each remaining line within the FSF copyright
#   statement. There is one exception in order to support C-style
#   comments: if the first line's prefix contains nothing but
#   whitespace surrounding a "/*", then the prefix for all subsequent
#   lines is the same as the first line's prefix except with each of
#   "/" and possibly "*" replaced by a " ". The replacement of "*"
#   by " " is consistent throughout all subsequent lines.
# 6. Blank lines, even if preceded by the prefix, do not appear
#   within the FSF copyright statement.
# 7. Each copyright year is 2 or 4 digits, and years are separated by
#   commas or dashes. Whitespace may appear after commas.
#
# Environment variables:
#
# 1. If UPDATE_COPYRIGHT_FORCE=1, a recognized FSF copyright statement
#   is reformatted even if it does not need updating for the new
#   year. If unset or set to 0, only updated FSF copyright
#   statements are reformatted.
# 2. If UPDATE_COPYRIGHT_USE_INTERVALS=1, every series of consecutive
#   copyright years (such as 90, 1991, 1992-2007, 2008) in a
#   reformatted FSF copyright statement is collapsed to a single
#   interval (such as 1990-2008). If unset or set to 0, all existing
#   copyright year intervals in a reformatted FSF copyright statement
#   are expanded instead.
#   If UPDATE_COPYRIGHT_USE_INTERVALS=2, convert a sequence with gaps
#   to the minimal containing range. For example, convert
#   2000, 2004-2007, 2009 to 2000-2009.
# 3. For testing purposes, you can set the assumed current year in
#   UPDATE_COPYRIGHT_YEAR.
# 4. The default maximum line length for a copyright line is 72.
#   Set UPDATE_COPYRIGHT_MAX_LINE_LENGTH to use a different length.
# 5. Set UPDATE_COPYRIGHT HOLDER if the copyright holder is other
#   than "Free Software Foundation, Inc.".

use strict;
use warnings;

```

```

my $copyright_re = 'Copyright';
my $circle_c_re = '(?:\([cC]\)|@copyright{ }|&copy;);';
my $holder = $ENV{UPDATE_COPYRIGHT_HOLDER};
$holder ||= 'Free Software Foundation, Inc.';
my $prefix_max = 5;
my $margin = $ENV{UPDATE_COPYRIGHT_MAX_LINE_LENGTH};
!$margin || $margin !~ m/^\d+$/
and $margin = 72;

my $tab_width = 8;

my $this_year = $ENV{UPDATE_COPYRIGHT_YEAR};
if (!$this_year || $this_year !~ m/^\d{4}$/)
{
    my ($sec, $min, $hour, $mday, $month, $year) = localtime (time ());
    $this_year = $year + 1900;
}

# Unless the file consistently uses "\r\n" as the EOL, use "\n" instead.
my $eol = /(?:^[^r])\n/ ? "\n" : "\r\n";

my $leading;
my $prefix;
my $ws_re;
my $stmt_re;
while (/^(^\\n){0,$prefix_max}$copyright_re/g)
{
    $leading = "$1$2";
    $prefix = $2;
    if ($prefix =~ /^(s*\v)\*(s*)$/)
    {
        {
            $prefix =~ s/, ,;
            my $prefix_ws = $prefix;
            $prefix_ws =~ s/^\s*/; # Only whitespace.
            if (/G(?:[^\n]|\\n)*\*?*\n$prefix_ws/)
            {
                {
                    $prefix = $prefix_ws;
                }
            }
        }
    }
    $ws_re = '[\t\r\f]'; # \s without \n
    $ws_re =
        "(?:$ws_re*(?:$ws_re\\n" . quotemeta($prefix) . ")$ws_re*)";
    my $holder_re = $holder;
    $holder_re =~ s/s/$ws_re/g;
    my $stmt_remainder_re =
        "(?:$ws_re$circle_c_re)?"
        . "$ws_re(?:\d\d)?\d\d(?:,$ws_re?-)*"

```

```

. "((?:\\d\\d)?\\d\\d)$ws_re$holder_re";
if (/^G$stmt_remainder_re/)
{
$stmt_re =
    quotemeta($leading) . "($copyright_re$stmt_remainder_re)";
    last;
}
}
if (defined $stmt_re)
{
/$stmt_re/ or die; # Should never die.
my $stmt = $1;
my $final_year_orig = $2;

# Handle two-digit year numbers like "98" and "99".
my $final_year = $final_year_orig;
$final_year <= 99
and $final_year += 1900;

if ($final_year != $this_year)
{
# Update the year.
$stmt =~ s/$final_year_orig/$final_year, $this_year/;
}
if ($final_year != $this_year || $ENV{'UPDATE_COPYRIGHT_FORCE'})
{
# Normalize all whitespace including newline-prefix sequences.
$stmt =~ s/$ws_re/ /g;

# Put spaces after commas.
$stmt =~ s/, ?, /g;

# Convert 2-digit to 4-digit years.
$stmt =~ s/(\\b\\d\\d\\b)/19$1/g;

# Make the use of intervals consistent.
if (!$ENV{'UPDATE_COPYRIGHT_USE_INTERVALS'})
{
$stmt =~ s/(\\d{4})-(\\d{4})/join(' ', $1..$2)/eg;
}
else
{
$stmt =~
s/
(\\d{4})
(?:
(,\\|-)
((?){

```

```

        if ($2 eq '-') { \d{4}'; }
        elsif (!$3)    { $1 + 1; }
        else          { $3 + 1; }
    )))
)+
/$1-$3/gx;

# When it's 2, emit a single range encompassing all year numbers.
$ENV{UPDATE_COPYRIGHT_USE_INTERVALS} == 2
and $stmt =~ s/\b(\d{4})\b.*\b(\d{4})\b/$1-$2/;
}

# Format within margin.
my $stmt_wrapped;
my $text_margin = $margin - length($prefix);
if ($prefix =~ /^(t+)/)
{
    $text_margin -= length($1) * ($tab_width - 1);
}
while (length $stmt)
{
    if (($stmt =~ s/^(.{1,$text_margin})(?: |$)//)
        || ($stmt =~ s/^(|[S]+)(?: |$)//))
    {
        my $line = $1;
        $stmt_wrapped .= $stmt_wrapped ? "$eol$prefix" : $leading;
        $stmt_wrapped .= $line;
    }
    else
    {
        # Should be unreachable, but we don't want an infinite
        # loop if it can be reached.
        die;
    }
}

# Replace the old copyright statement.
s/$stmt_re/$stmt_wrapped/;
}
}
else
{
    print STDERR "$ARGV: warning: copyright statement not found\n";
}

# Local variables:
# mode: perl
# indent-tabs-mode: nil

```

```
# eval: (add-hook 'write-file-hooks 'time-stamp)
# time-stamp-start: "my $VERSION = "
# time-stamp-format: "%:y-%02m-%02d.%02H:%02M"
# time-stamp-time-zone: "UTC"
# time-stamp-end: "; # UTC"
# End:
```

1.10 i2c-tools 3.1.0 :(2011-12-04)

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Version 2, June 1991

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1.14 libpcap 1.3.0

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1.15 libpcap/ndsu-portions 1.3.0

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- *
- * @(#) \$Header: /tcpdump/master/libpcap/sunatmpos.h,v 1.1 2002-07-11 09:06:47 guy Exp \$ (LBL)
- */

1.16 linux 3.4.30

1.16.1 Available under license :

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for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login
procedure and CyberLogin is no longer used.)

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for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

*

* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

* <http://www.hypermall.com/>

* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY

* interrupts us (except possibly for removal/insertion of the cable?)

* 10/4/97 - began heavy inline documentation of the code. Corrected typos

* and spelling mistakes.

* 10/5/97 - added code to handle PHY interrupts, disable PHY on

* loss of link, and correctly re-enable PHY when link is

* re-established. (put back CFG_PHYIE)

*

* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

*

* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

*

* Linux driver for the IDT77201 NICStAR PCI ATM controller.

* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

* see `init_nicstar()` for PHY initialization to change this. This driver

* expects the Linux ATM stack to support scatter-gather lists

* (`skb->atm.iovcnt != 0`) for Rx skb's passed to `vcc->push`.

*

* Implementing minimal-copy of received data:

* IDT always receives data into a small buffer, then large buffers

* as needed. This means that data must always be copied to create

* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)

* Fix is simple: make large buffers large enough to hold entire

* SDU, and leave `<small_buffer_data>` bytes empty at the start. Then

* copy small buffer contents to head of large buffer.

* Trick is to avoid fragmenting Linux, due to need for a lot of large

* buffers. This is done by 2 things:

* 1) `skb->destructor / skb->atm.recycle_buffer`

* combined, allow `nicstar_free_rx_skb` to be called to

* recycle large data buffers

* 2) `skb_clone` of received buffers

* See `nicstar_free_rx_skb` and `linearize_buffer` for implementation

* details.

*

*

*

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- * Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
- *
- * M. Welsh, 6 July 1996
- *
- *
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1.17 Isof 4.85 :r1

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```
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1.22 pciutils 3.2.0

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1.23 tar 1.26

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1.24 tcl 8.4.19

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1.25 u-boot 1.3.0

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1.26 uClibc 0.9.33.2

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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]
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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: lJF3ZO9DeSEkJ2TcbHQhaXN1IGRvb0Ca
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

/*

* regex(3) test harness

*

* build: cc -o testregex testregex.c

* help: testregex --man

* note: REG_* features are detected by #ifdef; if REG_* are enums

* then supply #define REG_foo REG_foo for each enum REG_foo

*

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* AT&T Labs Research

*

* PLEASE: publish your tests so everyone can benefit

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1.27 util-linux 2.22.2

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1.28 xinetd 2.3.15

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3.4 busybox 1.23.2

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```
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=====

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Julian Seward, Cambridge, UK.
jseward@bzip.org
bzip2/libbzip2 version 1.0.4 of 20 December 2006
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3.7 curl 7.56.1

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=====

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3.8 dkjson 2.5 :2.5

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3.9 ethtool 6

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3.10 expat 2.2.1

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3.11 fcgi 2.4.1

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3.12 fuse 2.9.0

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3.14 GCC Compiler ,GCC C++ run-time library and GCC STL - libs 3.2.1

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3.15 glibc 2.23

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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```
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#~ "\n"
#~ "License GPLv3+: GNU GPL version 3 or later <http://gnu.org/licenses/gpl.html>.\n"
#~ "This is free software: you are free to change and redistribute it.\n"
#~ "There is NO WARRANTY, to the extent permitted by law.\n"
#~ "\n"
#~ msgstr ""
#~ "\n"
```

```
#~ "&#12521;&#12452;&#12475;&#12531;&#12473; GPLv3+: GNU GPL version 3 or later
<http://gnu.org/licenses/gpl.html>.\n"
#~ "This is free software: you are free to change and redistribute it.\n"
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3.24 httpfs2 0.1.4

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```
/*
 * (c) 2006 hmb marionraven at users.sourceforge.net
 * This 'beam me up, Scotty'-branch of httpfs tries to achieve,
 * that the mount-point-folder behaves as before.
 * But how can you access the original folder after the mount?
 * Answer comes from FuseCompress:
 *   Open the folder before the mount,
 *   keep it open all the time,
 *   make a chdir to it
 *   and always use a relative path.
 * It suffices not to chdir in main() and it's unnecessary to
 * do it in every function. httpfs_init is the right place.
 */
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Authors:

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3.26 iptables 1.4.19.1

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3.28 libdaemon 0.13

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3.30 libmxml 2.6

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3.32 libpng 1.6.12

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3.33 libssh2 1.6.0

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```
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3.36 libxml2 2.6.30

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3.37 linux kernel 3.14.35 3.14.35

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```
/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
* combined, allow nicstar_free_rx_skb to be called to
* recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
*
*
```

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- * along with this program; if not, write to the Free Software
- * Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
- *
- * M. Welsh, 6 July 1996
- *
- *
- */

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3.38 luajit 2.0.4 :r0

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3.39 mtd 1.5.2

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3.42 nginx 1.13.1

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3.43 NTP 4.2.8p10

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3.46 OpenSSL 1.0.2m

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3.47 OpenSSL patch to 0.9.8 branch to add RFC5649 (key wrap with pad) 1.0

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/* Written by Dr Stephen N Henson (steve@openssl.org) for the OpenSSL
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3.55 runit 2.1.1

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3.56 Strace 4.5.18

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3.58 tcpdump 3.8.3 :3.0.0.0501961

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3.59 traceroute6 1.4.2.1

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/* \$KAME: traceroute6.c,v 1.29 2000/06/12 16:29:18 itojun Exp \$ */

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3.60 U-Boot 1.1.4

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3.61 xpath.lua NA

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3.62 Zlib 1.2.3

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ZLIB DATA COMPRESSION LIBRARY

zlib 1.2.3 is a general purpose data compression library. All the code is thread safe. The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format). These documents are also available in other formats from <ftp://ftp.uu.net/graphics/png/documents/zlib/zdoc-index.html>

All functions of the compression library are documented in the file `zlib.h` (volunteer to write man pages welcome, contact zlib@gzip.org). A usage example of the library is given in the file `example.c` which also tests that the library is working correctly. Another example is given in the file `minigzip.c`. The compression library itself is composed of all source files except `example.c` and `minigzip.c`.

To compile all files and run the test program, follow the instructions given at the top of `Makefile`. In short "make test; make install" should work for most machines. For Unix: `./configure; make test; make install`. For MSDOS, use one of the special makefiles such as `Makefile.msc`. For VMS, use `make_vms.com`.

Questions about zlib should be sent to [<zlib@gzip.org>](mailto:zlib@gzip.org), or to Gilles Vollant [<info@winimage.com>](mailto:info@winimage.com) for the Windows DLL version. The zlib home page is <http://www.zlib.org> or <http://www.gzip.org/zlib/> Before reporting a problem, please check this site to verify that you have the latest version of zlib; otherwise get the latest version and check whether the problem still exists or not.

PLEASE read the zlib FAQ http://www.gzip.org/zlib/zlib_faq.html before asking for help.

Mark Nelson [<markn@ieee.org>](mailto:markn@ieee.org) wrote an article about zlib for the Jan. 1997 issue of Dr. Dobb's Journal; a copy of the article is available in

<http://dogma.net/markn/articles/zlibtool/zlibtool.htm>

The changes made in version 1.2.3 are documented in the file ChangeLog.

Unsupported third party contributions are provided in directory "contrib".

A Java implementation of zlib is available in the Java Development Kit
<http://java.sun.com/j2se/1.4.2/docs/api/java/util/zip/package-summary.html>
See the zlib home page <http://www.zlib.org> for details.

A Perl interface to zlib written by Paul Marquess <pmqs@cpan.org> is in the CPAN (Comprehensive Perl Archive Network) sites
<http://www.cpan.org/modules/by-module/Compress/>

A Python interface to zlib written by A.M. Kuchling <amk@amk.ca> is available in Python 1.5 and later versions, see
<http://www.python.org/doc/lib/module-zlib.html>

A zlib binding for TCL written by Andreas Kupries <a.kupries@westend.com> is available at http://www.oche.de/~akupries/soft/trf/trf_zip.html

An experimental package to read and write files in .zip format, written on top of zlib by Gilles Vollant <info@winimage.com>, is available in the contrib/minizip directory of zlib.

Notes for some targets:

- For Windows DLL versions, please see [win32/DLL_FAQ.txt](#)
- For 64-bit Irix, deflate.c must be compiled without any optimization. With -O, one libpng test fails. The test works in 32 bit mode (with the -n32 compiler flag). The compiler bug has been reported to SGI.
- zlib doesn't work with gcc 2.6.3 on a DEC 3000/300LX under OSF/1 2.1 it works when compiled with cc.
- On Digital Unix 4.0D (formely OSF/1) on AlphaServer, the cc option -std1 is necessary to get gzprintf working correctly. This is done by configure.
- zlib doesn't work on HP-UX 9.05 with some versions of /bin/cc. It works with other compilers. Use "make test" to check your compiler.
- gzdopen is not supported on RISCOS, BEOS and by some Mac compilers.
- For PalmOs, see <http://palmzlib.sourceforge.net/>
- When building a shared, i.e. dynamic library on Mac OS X, the library must be

installed before testing (do "make install" before "make test"), since the library location is specified in the library.

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by L. Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

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