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# Open Source Used In UCS VIC Adapter Firmware - 2nd & 3rd Gen 1

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Julian Seward, Cambridge, UK. jseward@bzip.org bzip2/libbzip2 version 1.0.4 of 20 December 2006 --- A note on GPL versions

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## 1.6 screen 4.2.1

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# 1.7 util-linux 2.22.2

# **1.7.1 Available under license :**

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<signature of Ty Coon>, 1 April 1990 Ty Coon, President of Vice

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# 1.8 tftp-hpa 5.2

# 1.8.1 Available under license :

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\*/

# 1.9 gzip 1.5

# 1.9.1 Available under license :

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

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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. © # # 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{}©)';
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 \mbox{smargin} = 72;
my $tab_width = 8;
my $this_year = $ENV{UPDATE_COPYRIGHT_YEAR};
if (!this_year \parallel this_year !~ m/^{d{4}})
{
 my ($sec, $min, $hour, $mday, $month, $year) = localtime (time ());
 tis_year = year + 1900;
}
# Unless the file consistently uses "\r\n" as the EOL, use "\n" instead.
my eol = /(?:^{[^{r}]})n/? "n" : "r,";
my $leading;
my $prefix;
my $ws_re;
my $stmt_re;
while (/(^|n)(.\{0,\$prefix_max\})\$copyright_re/g)
{
 $leading = "$1$2";
 prefix = $2;
 if (\text{sprefix} = /(\langle s^* \rangle) \rangle (\langle s^* \rangle))
   {
    prefix = < s, /, ;;
    my $prefix_ws = $prefix;
    prefix_ws = s/(*//; # Only whitespace.
    if (/(G(?:[^*\langle n]))/(n]) \times ?(n\prefix_ws/)
     {
      $prefix = $prefix_ws;
     }
   }
  sws_re = '[ tr/f]'; # \s without \n
 sws_re =
   "(?:$ws_re*(?:$ws_re|\\n" . quotemeta($prefix) . ")$ws_re*)";
 my $holder_re = $holder;
 holder_re = ~ s/(s/sws_re/g;
 my $stmt_remainder_re =
```

```
"(?:$ws_re$circle_c_re)?"
   . "sws_re(?:(?:\d\d)?\d)?\d(?:,sws_re?))"
   . "((?:\d\d)?\d)\sws_re\bolder_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/sws_re//g;
    # Put spaces after commas.
    $stmt =~ s/, ?/, /g;
    # Convert 2-digit to 4-digit years.
    stmt = s/(\langle b \rangle d \rangle)/19
    # Make the use of intervals consistent.
    if (!$ENV{UPDATE_COPYRIGHT_USE_INTERVALS})
     {
      stmt = \frac{s}{(d{4})-(d{4})/join(', ', $1..$2)/eg;}
     }
    else
     {
      $stmt =~
        s/
         (d{4})
         (?:
```

```
(, |-)
          ((??{
           if (\$2 \text{ 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 ((\$tmt = \ 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:
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Julian Seward, jseward@bzip.org bzip2/libbzip2 version 1.0.6 of 6 September 2010

## 1.14 netkit-rsh 0.17

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(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.)

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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# 1.18 elfutils 0.8.12

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For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries. 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, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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(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.)

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#### @enumerate a

### @item

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#### @item

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# @item

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# @item

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.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

# @enumerate a

#### @item

Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable ``work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

#### @item

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#### @item

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# @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

#### @item

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Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work. @end enumerate

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@end enumerate

# @iftex

@heading END OF TERMS AND CONDITIONS
@end iftex
@ifinfo
@center END OF TERMS AND CONDITIONS
@end ifinfo

# @page@appendixsubsec How to Apply These Terms to Your New Libraries

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@var{signature of Ty Coon}, 1 April 1990Ty Coon, President of Vice@end smallexample

That's all there is to it! (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.

# 1.20 lsof 4.85 r1

# 1.20.1 Available under license :

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# 1.22 ncurses 5.9

## 1.22.1 Available under license :

Upstream source http://invisible-island.net/ncurses/ncurses-examples.html

Current neurses maintainer: Thomas Dickey </ doi:not/like/island.net>

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Files: install-sh

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# 1.23 tcllib 1.13

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# 1.24 uclibc 0.9.33.2

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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
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# 1.25 zlib 1.2.7

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/\* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.7, May 2nd, 2012

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# 1.27 libgcc 4.7.3

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Jan 21, 2002

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#### @item

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#### @item

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#### @item

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#### @item

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

## HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

# Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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Version 2, June 1991

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# ^L

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That's all there is to it! GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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# 1.28 iptables 1.4.18

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