



Open Source Used In IoT Unified Industrial Wireless 17.17

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Text Part Number: 78EE117C99-2396409955

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1.6 json-c 0.99.8

1.6.1 Available under license :

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1.7 glibc 2.23

1.7.1 Available under license :

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1.12 xz 5.2.3

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1.13 json-c 0.12

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1.14 jansson 2.10

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1.15 libpcap 1.9.1

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1.16 libxml2 2.7.6

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1.17 readline 8.0

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1.18 libcap-ng 0.7.3

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The following individuals contributed in part to the Network Time Protocol Distribution

Version 4 and are acknowledged as authors of this work.

1. [1]Takao Abe <takao_abe@xurb.jp> Clock driver for JJY receivers
 2. [2]Mark Andrews <mark_andrews@isc.org> Leitch atomic clock controller
 3. [3]Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
 4. [4]Viraj Bais <vbais@mailman1.intel.com> and [5]Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
 5. [6]Michael Barone <michael,barone@lmco.com> GPSVME fixes
 6. [7]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
 7. [8]Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
 8. [9]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
 9. [10]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
 10. [11]Nelson B Bolyard <nelson@bolyard.me> update and complete broadcast and crypto features
- in sntp
11. [12]Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca> IPv6 support
 12. [13]Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)
 13. [14]Steve Clift <clift@ml.csiro.au> OMEGA clock driver
 14. [15]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
 15. [16]Sven Dietrich <sven_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.
 16. [17]John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port
 17. [18]Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port
 18. [19]Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119
 19. [20]John Hay <jhay@icomtek.csir.co.za> IPv6 support and testing
 20. [21]Dave Hart <davehart@davehart.com> General maintenance, Windows port interpolation rewrite
 21. [22]Claas Hilbrecht <neoclock4x@linum.com> NeoClock4X clock driver
 22. [23]Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver
 23. [24]Mike Iglesias <iglesias@uci.edu> DEC Alpha port
 24. [25]Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port
 25. [26]Jeff Johnson <jbj@chatham.usdesign.com> massive prototyping overhaul
 26. [27]Hans Lambermont <Hans.Lambermont@nl.origin-it.com> or [28]<H.Lambermont@chello.nl> ntpswEEP

27. [29]Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)
28. [30]Frank Kardel [31]<kardel (at) ntp (dot) org> PARSE <GENERIC> (driver 14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling
29. [32]Johannes Maximilian Kuehn <kuehn@ntp.org> Rewrote sntp to comply with NTPv4 specification, ntpq saveconfig
30. [33]William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HP-UX modifications
31. [34]Dave Katz <dkatz@cisco.com> RS/6000 AIX port
32. [35]Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver
33. [36]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
34. [37]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
35. [38]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
36. [39]Danny Mayer <mayer@ntp.org> Network I/O, Windows Port, Code Maintenance
37. [40]David L. Mills <mills@udel.edu> Version 4 foundation, precision kernel; clock drivers: 1, 3, 4, 6, 7, 11, 13, 18, 19, 22, 36
38. [41]Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port
39. [42]Jeffrey Mogul <mogul@pa.dec.com> ntptrace utility
40. [43]Tom Moore <tmoore@fievel.daytonoh.ncr.com> i386 svr4 port
41. [44]Kamal A Mostafa <kamal@whence.com> SCO OpenServer port
42. [45]Derek Mulcahy <derek@toybox.demon.co.uk> and [46]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
43. [47]Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance
44. [48]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
45. [49]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
46. [50]Wilfredo Sanchez <wsanchez@apple.com> added support for NetInfo
47. [51]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
48. [52]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
49. [53]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
50. [54]Michael Shields <shields@tembel.org> USNO clock driver
51. [55]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
52. [56]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
53. [57]Kenneth Stone <ken@sdd.hp.com> HP-UX port
54. [58]Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast support
55. [59]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp> TRAK clock driver
56. [60]Brian Utterback <brian.utterback@oracle.com> General codebase, Solaris issues

57. [61]Loganaden Velvindron <loganaden@gmail.com> Sandboxing (libseccomp) support
58. [62]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
59. [63]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD
-

References

1. mailto:%20takao_abe@xurb.jp
2. mailto:%20mark_andrews@isc.org
3. mailto:%20altmeier@atlsoft.de
4. mailto:%20vbais@mailman1.intel.co
5. mailto:%20kirkwood@striderfm.intel.com
6. mailto:%20michael.barone@lmco.com
7. mailto:%20karl@owl.HQ.ileaf.com
8. mailto:%20greg.brackley@bigfoot.com
9. mailto:%20Marc.Brett@westgeo.com
10. mailto:%20Piete.Brooks@cl.cam.ac.uk
11. mailto:%20nelson@bolyard.me
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1.23 pcre 10.35

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THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel

Email local part: ph10

Email domain: cam.ac.uk

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Cambridge, England.

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1.24 libxml 2.3.0

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1.25 libssh2 1.9.0

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1.28 linux-kernel 4.1.52

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Contributors to bttv:

Michael Chu <mmchu@pobox.com>

AverMedia fix and more flexible card recognition

Alan Cox <alan@lxorguk.ukuu.org.uk>

Video4Linux interface and 2.1.x kernel adaptation

Chris Kleitsch

Hardware I2C

Gerd Knorr <kraxel@cs.tu-berlin.de>

Radio card (ITT sound processor)

bigfoot <bigfoot@net-way.net>

Ragnar Hojland Espinosa <ragnar@macula.net>

ConferenceTV card

+ many more (please mail me if you are missing in this list and would like to be mentioned)

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

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

*

* Hacked October, 1997 by Jawaidd 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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- *
- * M. Welsh, 6 July 1996
- *
- *
- */

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Thanks go to the following people for patches and contributions:

Michael Hunold <m.hunold@gmx.de>
for the initial saa7146 driver and its recent overhaul

Christian Theiss
for his work on the initial Linux DVB driver

Marcus Metzler <mocm@metzlerbros.de>
Ralph Metzler <rjkm@metzlerbros.de>
for their continuing work on the DVB driver

Michael Holzt <kju@debian.org>
for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>
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.)

Martin Schaller <martin@smurf.franken.de>
for patching the cable card decoder driver

Klaus Schmidinger <Klaus.Schmidinger@cadsoft.de>
for various fixes regarding tuning, OSD and CI stuff and his work on VDR

Steve Brown <sbrown@cortland.com>
for his AFC kernel thread

Christoph Martin <martin@uni-mainz.de>
for his LIRC infrared handler

Andreas Oberritter
<obi@linuxtv.org>

Dennis Noermann <dennis.noermann@noernet.de>

Felix Domke <tmbinc@elitedvb.net>

Florian Schirmer <jolt@tuxbox.org>

Ronny Strutz <3des@elitedvb.de>

Wolfram Joost <dbox2@frokaschwei.de>

...and all the other dbox2 people

for many bugfixes in the generic DVB Core, frontend drivers and
their work on the dbox2 port of the DVB driver

Oliver Endriss <o.endriss@gmx.de>
for many bugfixes

Andrew de Quincey <adq_dvb@lidskialf.net>
for the tda1004x frontend driver, and various bugfixes

Peter Schildmann <peter.schildmann@web.de>
for the driver for the Technisat SkyStar2 PCI DVB card

Vadim Catana <skystar@moldova.cc>

Roberto Ragusa <r.ragusa@libero.it>

Augusto Cardoso <augusto@carhil.net>

for all the work for the FlexCopII chipset by B2C2, Inc.

Davor Emard <emard@softhome.net>

for his work on the budget drivers, the demux code,
the module unloading problems, ...

Hans-Frieder Vogt <hfvogt@arcor.de>

for his work on calculating and checking the crc's for the

TechnoTrend/Hauppauge DEC driver firmware

Michael Dreher <michael@5dot1.de>
Andreas 'randy' Weinberger
for the support of the Fujitsu-Siemens Activy budget DVB-S

Kenneth Aafly <ke-aa@frisurf.no>
for adding support for Typhoon DVB-S budget card

Ernst Peinlich <e.peinlich@inode.at>
for tuning/DiSEqC support for the DEC 3000-s

Peter Beutner <p.beutner@gmx.net>
for the IR code for the ttusb-dec driver

Wilson Michaels <wilsonmichaels@earthlink.net>
for the lgdt330x frontend driver, and various bugfixes

Michael Krufky <mkrufky@linuxtv.org>
for maintaining v4l/dvb inter-tree dependencies

Taylor Jacob <rtjacob@earthlink.net>
for the nxt2002 frontend driver

Jean-Francois Thibert <jeanfrancois@sagetv.com>
for the nxt2004 frontend driver

Kirk Lapray <kirk.lapray@gmail.com>
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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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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```
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The

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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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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.

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``Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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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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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.

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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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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:

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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.

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@center How to Apply These Terms to Your New Libraries

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

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<signature of Ty Coon>, 1 April 1990

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

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USA

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necessary. Here is a sample; alter the names:

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library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

1.35 lua 5.4.2

1.35.1 Available under license :

No license file was found, but licenses were detected in source scan.

Lua is free software,
more details.

Found in path(s):

* /lua-lua-v5-4-2-0-g9d067ab-tar-gz/lua-lua-9d067ab/manual/manual.of

No license file was found, but licenses were detected in source scan.

#!/usr/bin/env lua5.3

```

-- special marks:
-- \1 - paragraph (empty line)
-- \4 - remove spaces around it
-- \3 - ref (followed by label)

-----

header = [[
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<html>

<head>
<title>Lua 5.4 Reference Manual</title>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
<link rel="stylesheet" href="lua.css">
<link rel="stylesheet" href="manual.css">
</head>

<body bgcolor="#FFFFFF">

<hr>
<h1>
<a href="http://www.lua.org/home.html"></a>
Lua 5.4 Reference Manual
</h1>

by Roberto Ierusalimschy, Luiz Henrique de Figueiredo, Waldemar Celes
<p>
<small>
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</small>
<hr>

<!-- ===== -->
<p>

]]

footer
= "\n\n</body></html>\n\n"

local seefmt = '(see %s)'

if arg[1] == 'port' then
seefmt = '(ver %s)'
header = string.gsub(header, "by (.)\n",
"%1\n<p>Tradu&ccedil;&atilde;o: S&eacute;rgio Queiroz de Medeiros", 1)

```

```

header = string.gsub(header, "Lua (%d+.%d+) Reference Manual",
    "Manual de Refer&ecirc;ncia de Lua %1")
header = string.gsub(header, "All rights reserved",
    "Todos os direitos reservados")
end

```

```

-----

local function compose (f,g)
    assert(f and g)
    return function (s) return g(f(s)) end
end

```

```

local function concat (f, g)
    assert(f and g)
    return function (s) return f(s) .. g(s) end
end

```

```

local Tag = {}

```

```

setmetatable(Tag, {
    __index = function (t, tag)
        local v = function (n, att)
            local e = ""
            if type(att) == "table" then
                for k,v in pairs(att) do e = string.format("%s %s="%s", e, k, v) end
            end
            if n then
                return string.format("<%s%s>%s</%s>", tag, e, n, tag)
            else
                return string.format("<%s%s>", tag, e)
            end
        end
        t[tag] = v
        return v
    end
})

```

```

-----

local labels = {}

```

```

local function anchor (text, label, link, textlink)

```

```

if labels[label] then
    error("label " .. label .. " already defined")
end
labels[label] = {text = textlink, link = link}
return Tag.a(text, {name=link})
end

local function makeref (label)
    assert(not string.find(label, "|"))
    return string.format("\3%s\3", label)
end

local function ref (label)
    local l = labels[label]
    if not l then
        io.stderr:write("label ", label, " undefined\n")
        return "#####"
    else
        return Tag.a(l.text, {href="#"..l.link})
    end
end

```

```

-----
local function nopara (t)
    t = string.gsub(t, "\1", "\n\n")
    t = string.gsub(t, "<p>%s*</p>", "")
    return t
end

```

```

local function fixpara (t)
    t = string.gsub(t, "\1", "\n</p>\n\n<p>\n")
    t = string.gsub(t, "<p>%s*</p>", "")
    return t
end

```

```

local function antipara (t)
    return "</p>\n" .. t .. "<p>"
end

```

```

Tag.pre = compose(Tag.pre, antipara)
Tag.ul = compose(Tag.ul, antipara)

```

```

-----
local Gfoots = 0
local footnotes = {}

local line = Tag.hr(nil)

```

```

local function dischargefoots ()
  if #footnotes == 0 then return "" end
  local fn = table.concat(footnotes)
  footnotes = {}
  return line .. Tag.h3"footnotes:" .. fn .. line
end

```

```

local Glists = 0
local listings = {}

```

```

local function dischargelist ()
  if #listings == 0 then return "" end
  local l = listings
  listings = {}
  return line .. table.concat(l, line..line) .. line
end

```

```

-----
local counters = {
  h1 = {val = 1},
  h2 = {father = "h1", val = 1},
  h3 = {father = "h2", val = 1},
  listing = {father = "h1", val = 1},
}

```

```

local
function inccounter (count)
  counters[count].val = counters[count].val + 1
  for c, v in pairs(counters) do
    if v.father == count then v.val = 1 end
  end
end

```

```

local function getcounter (count)
  local c = counters[count]
  if c.father then
    return getcounter(c.father) .. "." .. c.val
  else
    return c.val .. ""
  end
end

```

```

-----

local function fixed (x)
  return function () return x end

```

end

local function id (x) return x end

local function prepos (x, y)

assert(x and y)

return function (s) return string.format("%s%s%s", x, s, y) end

end

local rw = Tag.b

local function LuaName (name)

return Tag.code(name)

end

local function getparam (s)

local i, e = string.find(s, "^[%s@|]+")

if not i then return nil, s

else return string.sub(s, i, e - 1), string.sub(s, e + 1)

end

end

local function gettitle (h)

local title, p = assert(string.match(h, "<title>(.-)</title>()"))

return title, string.sub(h,

p)

end

local function getparamtitle (what, h, nonum)

local label, title, c, count

label, h = getparam(h)

title, h = gettitle(h)

if not nonum then

count = getcounter(what)

inccounter(what)

c = string.format("%s – ", count)

else

c = ""

end

label = label or count

if label then

```

    title = anchor(title, label, count, "&sect;"..count)
end
title = string.format("%s%s", c, title)
return title, h
end

```

```

local function section (what, nonum)
return function (h)
    local title
    title, h = getparamtitle(what, h, nonum)
    local fn = what == "h1" and dischargefoots() or ""
    h = fixpara(Tag.p(h))
    return "</p>\n" .. Tag[what](title) .. h .. fn ..
        dischargelist() .. "<p>"
end
end

```

```

local function verbatim (s)
s = nopara(s)
s = string.gsub(s, "\n", "\n    ")
s = string.gsub(s, "\n%s*$", "\n")
return Tag.pre(s)
end

```

```

local function verb (s)
return Tag.code(s)
end

```

```

local function lua2link
(e)
return string.find(e, "luaL?_") and e or "pdf-"..e
end

```

```

local verbfixed = verb

```

```

local Tex = {

```

```

ANSI = function (func)
    return "ISO&nbsp;C function " .. Tag.code(func)
end,
At = fixed"@ ",
B = Tag.b,
bigskip = fixed"",

```



```

bignum = id,
C = fixed"",
Ci = prepos("<!-- ", " -->"),
CId = function (func)
    return "C&nbsp;function " .. Tag.code(func)
end,
chapter = section"h1",
Char = compose(verbfixed, prepos("", "")),
Cdots = fixed"&middot;&middot;&middot;",
Close = fixed"}",
col = Tag.td,
defid = function (name)
    local l = lua2link(name)
    local c = Tag.code(name)
    return anchor(c, l, l, c)
end,
def = Tag.em,
description = compose(nopara, Tag.ul),
Em = fixed("\4" .. "&mdash;" .. "\4"),
emph = Tag.em,
emphx = Tag.em, -- emphasis plus index (if there was an index)
En = fixed("&ndash;"),
format = fixed"",
["false"] = fixed(Tag.b"false"),
id = Tag.code,
idx = Tag.code,
index = fixed"",
Lidx = fixed"", -- Tag.code,
ldots
    = fixed"... ",
x = id,
itemize = compose(nopara, Tag.ul),
leq = fixed"&le;",
Lid = function (s)
    return makeref(lua2link(s))
end,
M = Tag.em,
N = function (s) return (string.gsub(s, " ", "&nbsp;")) end,
NE = id, -- tag"foreignphrase",
num = id,
["nil"] = fixed(Tag.b"nil"),
fail = fixed(Tag.b"fail"),
Open = fixed"{",
part = section("h1", true),
Pat = compose(verbfixed, prepos("", "")),
preface = section("h1", true),
psect = section("h2", true),
Q = prepos("", ""),

```

```

refchp = makeref,
refcode = makeref,
refsec = makeref,

pi = fixed"&pi;",
rep = Tag.em, -- compose(prepos("&lt;", "&gt;"), Tag.em),
Rw = rw,
rw = rw,
sb = Tag.sub,
sp = Tag.sup,
St = compose(verbfixed, prepos("", "")),
sect1 = section"h1",
sect2 = section"h2",
sect3 = section"h3",
sect4 = section("h4", true),
simplesect = id,
Tab2 = function (s) return Tag.table(s, {border=1}) end,
row = Tag.tr,
title = Tag.title,
todo = Tag.todo,
["true"] = fixed(Tag.b"true"),
T = verb,

item = function (s)

    local t, p = string.match(s, "^(^[^n|]+)|()")
    if t then
        s = string.sub(s, p)
        s = Tag.b(t..": ") .. s
    end
    return Tag.li(fixpara(s))
end,

verbatim = verbatim,

manual = id,

-- for the manual

link =function (s)
    local l, t = getparam(s)
    assert(l)
    return string.format("%s (%s)", t, makeref(l))
end,

see = function (s) return string.format(seefmt, makeref(s)) end,
See = makeref,

```

```

seeC = function (s)
    return string.format(seefmt, makeref(s))
end,

seeF = function (s)
    return string.format(seefmt, makeref(lua2link(s)))
end,

APIEntry = function (e)
    local h, name
    h, e = string.match(e, "^%s*(.-%s*)(.*)$")
    name = string.match(h, "(luaL?_[%w_]+)%)? +%(") or
        string.match(h, "luaL?_[%w_]+")
    local a = anchor(Tag.code(name), name, name, Tag.code(name))
    local apiicmd, ne = string.match(e, "^(-</span>)(.*)")
    --io.stderr:write(e)
    if not apiicmd then
        return antipara(Tag.hr() .. Tag.h3(a))
    .. Tag.pre(h) .. e
    else
        return antipara(Tag.hr() .. Tag.h3(a)) .. apiicmd .. Tag.pre(h) .. ne
    end
end,

LibEntry = function (e)
    local h, name
    h, e = string.match(e, "^(-)|(.*)$")
    name = string.gsub(h, " (.+", "")
    local l = lua2link(name)
    local a = anchor(Tag.code(h), l, l, Tag.code(name))
    return Tag.hr() .. Tag.h3(a) .. e
end,

Produc = compose(nopara, Tag.pre),
producname = prepos("\t", " ::= "),
Or = fixed" | ",
VerBar = fixed"&#124;", -- vertical bar
OrNL = fixed" | \4",
bnfNter = prepos("", ""),
bnfopt = prepos("[", "]"),
bnfrep = prepos("{", "}"),
bnfter = compose(Tag.b, prepos("&lsquo;", "&rsquo;")),
producbody = function (s)
    s = string.gsub(s, "%s+", " ")
    s = string.gsub(s, "\4", "\n\t")
    return s
end,

```

```

apii = function (s)
  local pop,push,err = string.match(s, "^(-),(-),(.*)$")
  if pop ~= "?" and string.find(pop, "%W") then
    pop = "(" .. pop .. ")"
  end
  if push ~= "?"
and string.find(push, "%W") then
    push = "(" .. push .. ")"
  end
  err = (err == "-") and "&ndash;" or Tag.em(err)
  return Tag.span(
    string.format("[-%s, +%s, %s]", pop, push, err),
    {class="apii"}
  )
end,
}

```

```

local others = prepos("?? ", " ??")

```

```

local function trata (t)
  t = string.gsub(t, "@(%w+)(%b{ })", function (w, f)
    f = trata(string.sub(f, 2, -2))
    if type(Tex[w]) ~= "function" then
      io.stderr:write(w .. "\n")
      return others(f)
    else
      return Tex[w](f, w)
    end
  end)
end)
return t
end

```

```

-----
-----

```

```

-- read whole book

```

```

t = io.read"*a"

```

```

t = string.gsub(t, "[<>&\128-\255]",
{["<"] = "&lt;",
[">"] = "&gt;",
["&"] = "&amp;",
["\170"] = "&ordf;",
["\186"] = "&ordm;",
["\192"] = "&Agrave;",
["\193"] = "&Aacute;"}

```

```

["\194"] = "&Acirc;",
["\195"] = "&Atilde;",
["\199"] = "&Ccedil;",
["\201"] = "&Eacute;",
["\202"] = "&Ecirc;",
["\205"] = "&Iacute;",
["\211"] = "&Oacute;",
["\212"] = "&Ocirc;",
["\218"] = "&Uacute;",
["\224"] = "&agrave;",
["\225"] = "&aacute;",
["\226"] = "&acirc;",
["\227"] = "&atilde;",
["\231"] = "&ccedil;",
["\233"] = "&eacute;",
["\234"] = "&ecirc;",
["\237"] = "&iacute;",
["\243"] = "&oacute;",
["\244"] = "&ocirc;",
["\245"] = "&otilde;",
["\250"] = "&uacute;",
["\252"] = "&uuml;"
})

```

```
t = string.gsub(t, "\n\n+", "\1")
```

```
-- complete macros with no arguments
```

```
t = string.gsub(t, "(@%w+)([^\{ %w])", "%1{%}2")
```

```
t = trata(t)
```

```
-- correct references
```

```
t = string.gsub(t, "\3(-)\3", ref)
```

```
-- remove extra space (??)
```

```
t = string.gsub(t, "%s*\4%s*", "")
```

```
t = nopara(t)
```

```
-- HTML 3.2 does not need </p> (but complains when it is in wrong places :)
```

```
t = string.gsub(t, "</p>", "")
```

```
io.write(header, t, footer)
```

```
Found in path(s):
```

```
*
```

/lua-lua-v5-4-2-0-g9d067ab-tar-gz/lua-lua-9d067ab/manual/2html
No license file was found, but licenses were detected in source scan.

```

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*****/

```

Found in path(s):
* /lua-lua-v5-4-2-0-g9d067ab-tar-gz/lua-lua-9d067ab/lua.h
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```

--[
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Found in path(s):

* /lua-lua-v5-4-2-0-g9d067ab-tar-gz/lua-lua-9d067ab/testes/all.lua

1.36 json-cpp 1.6.2

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1.37 opkg 0.1.8

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=== Contributors ===

The following people have submitted changes which have been applied to the core:

Christopher Hall <hsw@openmoko.com>
EdorFaus <edorfaus@gmail.com>
Graham Gower <graham.gower@gmail.com>
Krzysztof Kotlenga <pocek@users.sf.net>:
Per Hansen <spamhans@yahoo.de>
Mike Westerhof <mwester@dls.net>
Antonio Ospite <ospite@studenti.unina.it>
Koen Kooi <koen@beagleboard.org >
Claudio Mignanti <claudyus84@gmail.com>
Florian Boor <florian.boor@kernelconcepts.de>
Camille Moncelier <moncelier@devlife.org>
Jim Huang <jserv.tw@gmail.com>
John L. Chmielewski <jlcster@gmail.com>

== We don't have your name / email ==

Gilles Doffe

cconroy

chgros

Kosmaty

manitu

pblack88@gmail.com

and anyone else who has sent patches or bug reports. If your name isn't on this list, please forgive us and send an email to a maintainer

The project owners/committers is here: <http://code.google.com/p/opkg/>

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```

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```
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```

```
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1.38 dmalloc 5.5.2

1.38.1 Available under license :

```
#!/usr/bin/perl5 -w
#
# dmalloc_summarize -- summarizes dmalloc log files
#
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#
# $Id: dmalloc_summarize.pl,v 1.1.1.1 2012/09/18
# 09:28:11 mohammr1 Exp $
#
/*
*
* Copyright (c) 1994, Textil Computer Design GmbH, Dresden
*
* Author: J"org Wunsch
*
* Dumb atexit() implementation. It is far from being elegant. It is
* only here to provide a workaround for systems where the existing
* atexit() implementation is known to cause problems due to doing
* own mallocs. The problem arose originally on a Data General
* machine running DG/UX 5.4R*, along with gcc compiling C++ code.
* In order to have global and static variables called their const-
* ructors, a chunk of code has been placed by the compiler that
* ran before invoking main(). This code registered the destructors
* with atexit() at this very early stage, but the existing atexit()
* bypassed the normal memory allocation scheme, and hence caused
* grievous troubles in combination with the dmalloc library.
*
* Known problem for DG/UX: the crt0.o (at least in a COFF environ-
* ment) passes the return value from main() to _real_exit() instead
* of exit().
Hence programs which return from main instead of calling
* exit() do not work as expected. I do not see any good workaround
* for this so far (since crt0.o always happens to reference the
* _real_exit() from the library, even if we would provide our very
* own symbol for it).
*
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1.39 libestr 0.1.11

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Version 2.1, February 1999

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Version 3, 29 June 2007

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1.41 libev 4.22

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1.45 tdb 1.45.5

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1.46 libxml2 2.9.11

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1.47 ncurses 6.3

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1.48 wireless-tools 29

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Dominic Battr <battre@chromium.org>
Doug Kwan <dougkwan@google.com>

```

Dmitriy Vyukov <dvyukov@google.com>
John Millikin <jmillikin@gmail.com>
Mike Nazarewicz <mpn@google.com>
Nico Weber <thakis@chromium.org>
Pawel Hajdan <phajdan.jr@gmail.com>
Rob Pike <r@google.com>
Russ Cox <rsc@swtch.com>
Sanjay Ghemawat <sanjay@google.com>
Stefano Rivera <stefano.rivera@gmail.com>
Srinivasan Venkatachary <vsri@google.com>
Viatcheslav Ostapenko <sl.ostapenko@samsung.com>

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This file contains a list of people who have made large contributions to the public version of Protocol Buffers.

Original Protocol Buffers design and implementation:

Sanjay Ghemawat <sanjay@google.com>

Jeff Dean <jeff@google.com>

Daniel Dulitz <daniel@google.com>

Craig Silverstein

Paul Haahr <haahr@google.com>

Corey Anderson <corin@google.com>

(and many others)

Proto2 C++ and Java primary author:
Kenton Varda <kenton@google.com>

Proto2 Python primary authors:
Will Robinson <robinson@google.com>
Petar Petrov <petar@google.com>

Java Nano primary authors:
Brian Duff <bduff@google.com>
Tom Chao <chaot@google.com>
Max Cai <maxtroy@google.com>
Ulas Kirazci <ulas@google.com>

Large code contributions:
Jason Hsueh <jasonh@google.com>
Joseph Schorr <jschorr@google.com>
Wenbo Zhu <wenboz@google.com>

Large quantity of code reviews:
Scott Bruce <sbruce@google.com>
Frank Yellin
Neal Norwitz <nnorwitz@google.com>
Jeffrey Yasskin <jyasskin@google.com>
Ambrose
Feinstein <ambrose@google.com>

Documentation:
Lisa Carey <lcarey@google.com>

Maven packaging:
Gregory Kick <gak@google.com>

Patch contributors:
Kevin Ko <kevin.s.ko@gmail.com>
* Small patch to handle trailing slashes in --proto_path flag.
Johan Euphrosine <propy@aminche.com>
* Small patch to fix Python CallMethod().
Ulrich Kunitz <kune@deine-taler.de>
* Small optimizations to Python serialization.
Leandro Lucarella <llucax@gmail.com>
* VI syntax highlighting tweaks.
* Fix compiler to not make output executable.
Dilip Joseph <dilip.antony.joseph@gmail.com>
* Heuristic detection of sub-messages when printing unknown fields in text format.
Brian Atkinson <nairb774@gmail.com>
* Added @Override annotation to generated Java code where appropriate.

Vincent Choinire <Choiniere.Vincent@hydro.qc.ca>

- * Tru64 support.

Monty Taylor <monty.taylor@gmail.com>

- * Solaris 10 + Sun Studio fixes.

Alek Storm <alek.storm@gmail.com>

- * Slicing support for repeated scalar fields for the Python API.

Oleg Smolsky <oleg.smolsky@gmail.com>

- * MS Visual Studio error format option.
- * Detect unordered_map in stl_hash.m4.

Brian Olson <brianolson@google.com>

- * gzip/zlib I/O support.

Michael Poole <mdpoole@troilus.org>

- * Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).
- * Added generation of field number constants.

Wink Saville <wink@google.com>

- * Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>

- * Small patch improving performance of in Python serialization.

Alexandre Vassalotti <alexandre@peadrop.com>

- * Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

Scott Stafford <scott.stafford@gmail.com>

- * Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

Alexander Melnikov <alm@sibmail.ru>

- * HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>

- * Detect whether zlib is new enough in configure script.
- * Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>

- * Optimize Java serialization code when writing a small message to a stream.
- * Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.
- * Clean up some Java warnings.
- * Fix bug with permanent callbacks that delete themselves when run.

Michael Kucharski <m.kucharski@gmail.com>

- * Added CodedInputStream.getTotalBytesRead().

Kacper Kowalik <xarthisius.kk@gmail.com>

- * Fixed m4/acx_pthread.m4 problem for some Linux distributions.

William Orr <will@worrbase.com>

- * Fixed detection of sched_yield on Solaris.
- * Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

- * Fixed minor IBM xLC compiler build issues
- * Added atomicops for AIX (POWER)

Nipunn Koorapati <nipunn1313@gmail.com>

- * Provide a type alias field ValueType

on EnumTypeWrapper

* Match service argument names to abstract interface

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Any executables

containing that work also fall under Section 6,

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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.

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.

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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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) 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.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote

it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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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.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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.

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.)

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 compile 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:

- a) 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.)

b) 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.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) 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 source code 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.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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b) Give prominent notice with the combined

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that part of it is a work based on the Library, and explaining
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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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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

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.

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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.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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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.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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.

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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.

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.)

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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a) Accompany

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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.)

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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(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.)

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.

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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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1.60 libsepol 2.8

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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 distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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inline

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1.65 ubus 2015-05-25

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```

Found in path(s):

```
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/examples/count.h
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/examples/client.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd_id.h
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusmsg.h
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd_id.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd_obj.h
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd_obj.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/examples/count.c
*
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/ubus_common.h
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/cli.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd_event.c
```

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```

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```

Found in path(s):

```

* /ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus-sub.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus-obj.c
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```

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Found in path(s):

```

* /ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus.h

```

```
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd_proto.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus-io.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/examples/server.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus-req.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd.h
*
/ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus-internal.h
```

1.66 iproute 5.1.0-1-openwrt

1.66.1 Available under license :

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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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1.67 yajl 2.1.0

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```

Found in path(s):

```

* /dcm-spice-yajl-2-1-0-0-g88d7964-tar-gz/dcm-spice-yajl-64437c8/include/yajl/yajl_tree.h
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```

```

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```

Found in path(s):

```

* /dcm-spice-yajl-2-1-0-0-g88d7964-tar-gz/dcm-spice-yajl-64437c8/include/yajl/yajl_parse.h
* /dcm-spice-yajl-2-1-0-0-g88d7964-tar-gz/dcm-spice-yajl-64437c8/include/yajl/yajl_common.h
*
/dcm-spice-yajl-2-1-0-0-g88d7964-tar-gz/dcm-spice-yajl-64437c8/include/yajl/yajl_gen.h

```

1.68 ntpclient 2010-365

1.68.1 Available under license :

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ntpclient is an NTP (RFC-1305, RFC-4330) client for unix-alike computers. Its functionality is a small subset of xntpd, but IMHO performs better (or at least has the potential to function better) within that limited scope. Since it is much smaller than xntpd, it is also more relevant for embedded computers.

ntpclient is Copyright 1997, 1999, 2000, 2003, 2006, 2007 Larry Doolittle, and may be freely copied and modified according to the terms of the GNU General Public License, version 2. If you want to distribute ntpclient under other terms, contact me. I might agree to some other arrangement, if you talk to me *_before_* you start violating GPL terms.

ntpclient home page: <http://doolittle.icarus.com/ntpclient/>

Joachim Nilsson created a fork of ntpclient that he maintains at <http://vmlinux.org/jocke/ntpclient.shtml>. We don't have the same maintainance and build system sensibilities; some people may prefer his.

In

particular, he has converted his ntpclient to daemon and syslog.

The basic functionality of the two versions should be identical.

To build on Linux, type "make". Solaris and other Unix users will probably need to adjust the Makefile slightly. It's not complex. For changing the system clock frequency, only the Linux adjtimex(2) interface is implemented at this time. Non-Linux systems can only use ntpclient to measure time differences and set the system clock, by way of the POSIX 1003.1-2001 standard routines clock_gettime() and clock_settime(). Also see "Bugs", below.

There are a few compile-time configurations possible, which require editing the Makefile. Either do or don't define

ENABLE_DEBUG

ENABLE_REPLAY

USE_OBSOLETE_GETTIMEOFDAY

PRECISION_SIOCGSTAMP

Try it first without changing the default: that will give you a full-featured ntpclient, that uses modern POSIX time functions, and works reasonably with any Linux kernel. There are comments in ntpclient.c that you should

read before experimenting with PRECISION_SIOCGSTAMP.

Some older but otherwise (almost) serviceable Linux systems (e.g., Red Hat EL-3.0 and Ubuntu 4.10) have a totally broken POSIX clock_settime() implementation. If you get "clock_settime: Invalid argument" when you run ntpclient -s, rebuild with -DUSE_OBSOLETE_GETTIMEOFDAY. Linux systems that are even older won't even compile without that switch set.

Usage: ntpclient [options]

options:

- c count stop after count time measurements (default 0 means go forever)
- d print diagnostics (feature can be disabled at compile time)
- g goodness causes ntpclient to stop after getting a result more accurate than goodness (microseconds, default 0 means go forever)
- h hostname (mandatory) NTP server, against which to measure system time

- i interval check time every interval seconds (default 600)
- l attempt to lock local clock to server using adjtimex(2)
- p port local NTP client UDP port (default 0 means "any available")
- q min_delay minimum packet delay for transaction (default 800 microseconds)
- r replay analysis code based on stdin
- s simple clock set (implies -c 1)
- t trust network and server, no RFC-4330 recommended cross-checks

Mortal users can use this program for monitoring, but not clock setting (with the -s or -l switches). The -l switch is designed to be robust in any network environment, but has seen the most extensive testing in a low latency (less than 2 ms) Ethernet environment. Users in other environments should study ntpclient's behavior, and be prepared to adjust internal tuning parameters. A long description of how and why to use ntpclient is in the HOWTO file. ntpclient always sends packets to the server's UDP port 123.

One commonly needed tuning parameter for lock mode is min_delay, the shortest possible round-trip transaction time. This can be set with the command line -q switch. The historical default of 800 microseconds was good for local Ethernet hardware a few years ago. If it is set too high, you will get a lot of "inconsistent" lines in the log file when time locking (-l switch). The only true future-proof value is 0, but that will cause the local time to wander more than it should. I use 200 on my workstation.

The test.dat file has 200 lines of sample output. Its first few lines, with the output column headers that are shown when the -d option is chosen, are:

```

day second elapsed stall skew dispersion freq
36765 00180.386 1398.0 40.3 953773.9 793.5 -1240000
36765 00780.382 1358.0 41.3 954329.0 915.5 -1240000
36765 01380.381 1439.0 56.0 954871.3 915.5 -1240000

```

day, second: time of measurement, UTC, relative to NTP epoch (Jan 1, 1900)

elapsed: total time from query to response (microseconds)

stall: time the server reports that it sat on the request (microseconds)

skew: difference between local time and server time (microseconds)

dispersion: reported by server, see RFC-1305 (microseconds)

freq: local clock frequency adjustment (Linux only, ppm*65536)

A relatively new feature is a series of sanity checks on UDP packets received, generally as recommended by RFC-4330. If it fails one of these tests, the line described above is replaced by
 36765 01380.381 rejected packet
 or, if ENABLE_DEBUG was selected at compile time, one of

```
36765 01380.381 rejected packet: LI==3
36765 01380.381 rejected packet: VN<3
36765 01380.381 rejected packet: MODE!=3
36765 01380.381 rejected packet: ORG!=sent
36765 01380.381 rejected packet: XMT==0
36765 01380.381 rejected packet: abs(DELAY)>65536
36765 01380.381 rejected packet: abs(DISP)>65536
36765 01380.381 rejected packet: STRATUM==0
```

To see the actual values of the rejected packet, start ntpclient with the -d option; this will give a human-readable printout of every packet received, including the rejected ones. To skip these checks, use the -t switch.

test.dat

is suitable for piping into ntpclient -r. I have over 200000 samples (lines) archived for study, that I don't include here. They are generally spaced 10 minutes apart, representing over three years of data logging (from a variety of machines, and not continuous, unfortunately).

As a special, added bonus, I also include my adjtimex(1) program. See its man page and the HOWTO file for more information.

envelope is a perl script that I have used for my lock studies. It's kind of a hack and not worth documenting here.

Changes since the widely distributed ntpclient_2000_345 version:

- new -g option (has had limited testing)
- changed max frequency adjustment from 91 ppm to 150 ppm
- fixed "inconsistent" bug in phaselock.c triggered by large freq errors
- new files: HOWTO, adjtimex.c, adjtimex.1, rate.awk, log2date.pl
- minor source code cleanups
- source is now as 64-bit clean as practical; tested on Alpha
- optional patches provided by Andy Warner, see andyw.patch
- optional patches provided by Linksys, see linksys.patch
- removed unreasonable 15020 day offset in date column (xntpd has this offset, which turns days-since-1900-epoch into Modified Julian Day)

Changes since the widely distributed ntpclient_2003_194 version:

- default build is now -std=c99, but c89 still works too
- switch default compile from gettimeofday() to POSIX clock_gettime()
- more sanity checking on the NTP reply packet, reference RFC-4330
- fractional second printing in debug output changed to traditional decimal
- new -f switch to set initial frequency
- works to specify both -s and -l, will jump-set first and then phase lock
- bug fix for select() error handling, thanks to Walter Harms
- new man page, contributed by Walter Harms
- most subroutines are now flagged static to the compiler
- structural changes to the code, such as the new ntpclient.h file

-- dropped (mostly) obsolete patches from Linksys and Andy Warner

Changes since ntpclient_2006_318:

- adjustable min_delay parameter, used to be hard-coded 800 microseconds
- remove useless listen() call, thanks to Alexander Indenbaum
- fix length passed to recvfrom(), thanks to Alexander Indenbaum
- tidy up 32-bit integer declarations, prodding from Brian McAllister
- added rate2.awk, contributed by Lou Sortman
- provide easy way to override 15 second MIN_INTERVAL at compile time
- relax MIN_INTERVAL enforcement for one-shot use, thanks to Mihai Buha

Changes since ntpclient_2007_365:

- fixed type of sa_xmit_len, thanks vapiet
- dropped underscores in spelling of adjtimex(2), might make uClibc happier
- include netdb.h and always define _BSD_SOURCE to get prototype for herror
- minor formatting to align with Nilsson's fork
- add -fno-strict-aliasing as needed by traditional network coding style

Bugs:

- Doesn't understand the LI (Leap second Indicator) field of an NTP packet
- Doesn't interact with adjtimex(2) status value
- Can't query multiple servers
- IPv4 only
- Requires Linux-style select() semantics, where timeout value is modified
- Always returns success (0)

Adherence to RFC-4330 chapter 10, Best practices:

1. enforced, unless someone tinkers with the source code
2. no backoff, but no retry either; this isn't TCP
3. not in scope for the upstream source
4. not in scope for the upstream source
5. not in scope for the upstream source
6. supported
7. not supported
8. not supported (scary opportunity to DOS the _client_)

- Larry Doolittle <larry@doolittle.boa.org>

Found in path(s):

* /ntpclient-2010-bcm32-tar/ntpclient-2010/README

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Package: ntpclient

Version: 2010_365-1

Depends: libc, librt, libpthread, libosc, librt

Source: package/network/utils/ntpclient

License: GPL-2.0

Section: net

Maintainer: Ted Hess <thess@kitschensync.net>

Architecture: ax-bcm32

Installed-Size: 12960

Description: NTP client for setting system time from NTP servers.

Found in path(s):

* /ntpclient-2010-bcm32-tar/ntpclient-2010/ipkg-ax-bcm32/ntpclient/CONTROL/control

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/*

* adjtimex_1.c - read, and possibly modify, the Linux kernel `timex' variables.

*

* Originally written: October 1997

* Last hack: May 2003

* Copyright 1997, 2000, 2003 Larry Doolittle <larry@doolittle.boa.org>

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*

* This adjtimex(1) is very similar in intent to adjtimex(8) by Steven

* Dick <ssd@nevets.oau.org>

and Jim Van Zandt <jrv@vanzandt.mv.com>

* (see http://metalab.unc.edu/pub/Linux/system/admin/time/adjtimex*).

* That version predates this one, and is _much_ bigger and more

* featureful. My independently written version was very similar to

* Steven's from the start, because they both follow the kernel timex

* structure. I further tweaked this version to be equivalent to Steven's

* where possible, but I don't like getopt_long, so the actual usage

* syntax is incompatible.

*

* Amazingly enough, my Red Hat 5.2 sys/timex (and sub-includes)

* don't actually give a prototype for adjtimex(2), so building

* this code (with -Wall) gives a warning. Later versions of

* glibc fix this issue.

*

* This program is too simple for a Makefile, just build with:

* gcc -Wall -O adjtimex_1.c -o adjtimex

*/

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/*

* phaselock.c - Phase locking for NTP client

*

* Copyright (C) 2000, 2007 Larry Doolittle <larry@doolittle.boa.org>

* Last hack: 30 December, 2007

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*

* Possible future improvements:

* - Subtract configurable amount from errorbar

* - Build in general run-time access to tune parameters

* - Sculpt code so it's legible, this version is out of control

* - Write documentation :-(

*/

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/*

* ntpclient.c - NTP client

*

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- * GNU General Public License for more details.
- *
- * Possible future improvements:
- * - Write more documentation :-(
- * - Support leap second processing
- * - Support IPv6
- * - Support multiple
- (interleaved) servers
- *
- * Compile with -DPRECISION_SIOCGSTAMP if your machine really has it.
- * There are patches floating around to add this to Linux, but
- * usually you only get an answer to the nearest jiffy.
- * Hint for Linux hacker wannabes: look at the usage of get_fast_time()
- * in net/core/dev.c, and its definition in kernel/time.c .
- *
- * If the compile gives you any flak, check below in the section
- * labelled "XXX fixme - non-automatic build configuration".
- */

Found in path(s):

- * /ntpclient-2010-bcm32-tar/ntpclient-2010/ntpclient.c

1.69 libnettle6 3.5.1

1.69.1 Available under license :

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The End

1.74 cyrus-sasl 2.1.28

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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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Phone: 03-3512-3655, Fax: 03-3512-3656

Email: sales@happysize.co.jp

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1.85 memcached 1.5.7

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A list is generated from git here: <http://memcached.org/about>

Major authors:

Brad Fitzpatrick <brad@danga.com> -- maintainer, original implementations

Anatoly Vorobey <mellon@pobox.com> -- lots of the modern server code

Steven Grimm <sgrimm@facebook.com> -- iov writing (less CPU), UDP mode, non-2.0 slab mantissas, multithread, ...

Other Contributors

Evan Martin <evan@danga.com>

Nathan Neulinger <nneul@umr.edu>

Eric Hodel <drbrain@segment7.net>

Michael Johnson <ahze@ahze.net>

Paul Querna <chip@corelands.com>

Jamie McCarthy <jamie@mccarthy.vg>

Philip Neustrom

<philipn@gmail.com>

Andrew O'Brien <andrew@oriel.com.au>

Josh Rotenberg <joshrotenberg@gmail.com>

Robin H. Johnson <robbat2@gentoo.org>

Tim Yardley <liquid@haveheart.com>

Paolo Borelli <paolo.borelli@gmail.com>

Eli Bingham <eli@pandora.com>

Jean-Francois Bustarret <jfbustarret@wat.tv>

Paul G <paul-lists@perforge.com>

Paul Lindner <lindner@inuus.com>

Dormando <dormando@rydia.net>

Dustin Sallings <dustin@spy.net>

Chris Goffinet <goffinet@yahoo-inc.com>

Tomash Brechko <tomash.brechko@gmail.com>

Brian Aker <brian@tangent.org>

Trond Norbye <trond.norbye@sun.com>
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1.86 util-linux 2.30.2

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```
#!/usr/bin/env bash
```

```
# MIT licenses will each have a unique MD5 sum since they contain a unique copyright.
```

```
# This script will read the license file into memory, strip out the copyright, and then
```

```
# generate an MD5 that is not unique and can be matched against a known MIT MD5 sum.
```

```
set -e
```

```
calculate_md5_sum() {
```

```
    local FILE="$1"
```

```
    # Read the contents of the file into a variable
```

```
    local raw_license_text=$(<"$FILE")
```

```
    # Convert to lowercase
```

```
    local lowercase_license_text="{raw_license_text,,}"
```

```
    # Remove anything before the beginning of the license
```

```
    local stripped_license_text=$(awk '/permission is hereby granted/{p=1} p' <<< "$lowercase_license_text")
```

```
    # Replace line breaks (Windows or Linux) with a single space
```

```
    local replaced_linebreaks=$(tr '\r\n' ' ' <<< "$stripped_license_text")
```

```
    # Replace multiple spaces with a single space
```

```
    local normalized_license_text=$(tr -s ' ' <<< "$replaced_linebreaks")
```

```
    # Strip away any non-printable, non-whitespace characters
```

```
    local clean_unprintable_license_text=$(tr
```

```
-cd '[:print:][:space:]' <<< "$normalized_license_text")
```

```
    # Remove punctuation and special characters
```

```
    local clean_license_text=$(echo "$clean_unprintable_license_text" | sed 's/[^a-zA-Z ]//g')
```

```
    # Calculate the MD5 sum of the cleaned license text
```

```
    local MD5SUM=$(echo -n "$clean_license_text" | md5sum | awk '{print $1}')
```

```
    # Output the MD5 sum
```

```
    echo "$MD5SUM"
```

```
}
```

```
# Check if the FILE argument is provided
```

```
if [ -z "$1" ]; then
```



```
echo "Please provide a FILE as an argument."
```

```
exit 1
```

```
fi
```

```
# Invoke the function with the provided FILE argument
```

```
calculate_md5_sum "$1"
```

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```
WEV @@ WEV[B "1
```

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```
x ?"U@,5 @mISmIN<GimCN7g1u|E
```

```
43mI,5WEV @@ WEV @mImImIAmImImI0mImImI*mImI
```

```
A0mImImI...
```

```
lost+found...
```

```
;9GimCN7g
```

```

!"#$%&'()*+,-
./0123456789;,<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~

!"#$%&'()*+,-
./0123456789;,<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~

!"#$%&'()*+,-
./0123456789;,<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~WEV @@
WEV[B "1
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1.87 pcre 8.44

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Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

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Cambridge, England.

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1.88 libjitterentropy 3.4.1

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1.89 libevent 2.1.5-beta

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*
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```

```

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*

```

*
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* rarpd.c RARP daemon.
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=head1 NAME

docbook2man-spec - convert DocBook RefEntries to Unix manpages

=head1 SYNOPSIS

The SGMLSpM package from CPAN. This contains the sgmlspl script which is used to grok this file. Use it like this:

nsgmls some-docbook-document.sgml | sgmlspl docbook2man-spec.pl

=head1 DESCRIPTION

This is a sgmlspl spec file that produces Unix-style manpages from RefEntry markup.

See the accompanying RefEntry man page for 'plain new' documentation. :)

=head1 LIMITATIONS

Trying docbook2man on non-DocBook or non-conformant SGML results in undefined behavior. :-)

This program is a slow, dodgy Perl script.

This program does not come close to supporting all the possible markup in DocBook, and will produce wrong output in some cases with supported markup.

=head1 TODO

Add new element handling and fix existing handling. Be robust. Produce cleanest, readable man output as possible (unlike some other converters). Follow Linux man(7) convention. If this results in added logic in this script, that's okay. The code should still be reasonably organized.

Make it faster. If Perl sucks port it to another language.

=head1 COPYRIGHT

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=cut

\$Id: docbook2man-spec.pl,v 1.1 2000/07/21 20:22:30 rosalia Exp \$

```

use SGMLS; # Use the SGMLS package.
use SGMLS::Output; # Use stack-based output.
use SGMLS::Refs;

#####
# SGMLSPL script produced automatically by
# the script sgmlspl.pl
#
# Document Type: any, but processes only RefEntries
# Edited by: me :)
#####

$write_manpages = 0;
$blank_xrefs = 0;

sgml('start', sub {
    push_output('nul');
    $raw_cdata = 1; # Makes it a bit faster.

    # Links file
    open(LINKSFILE, ">manpage.links");

    $Refs = new SGMLS::Refs("manpage.refs");
});
sgml('end', sub {
    close(LINKSFILE);
    if($blank_xrefs) {
        print STDERR "Warning: output contains unresolved XRefs\n";
    }
});

#####
#
# Output helpers
#
#####

# Our own version of sgml() and output() to allow simple string output
# to play well with roff's stupid whitespace rules.

sub man_sgml
{
    if(ref($_[1]) eq 'CODE') {
        return &sgml;
    }
}

```



```

my $s = $_[1];

$s =~ s/\\\\\\g;
$s =~ s/'\\'/g;

# \n at the beginning means start at beginning of line
if($s
 =~ s/^\\n/) {
    $sub = 'sub { output "\n" unless $newline_last++; ';
    if($s eq ") {
        sgml($_[0], eval('sub { output "\n" unless $newline_last++; }'));
    } elsif($s =~ /\n$/) {
        sgml($_[0], eval("sub { output '\\n\\n' unless \$newline_last++; output '$s'; }"));
    } else {
        sgml($_[0], eval("sub { output '\\n\\n' unless \$newline_last; output '$s'; \$newline_last = 0; }"));
    }
} else {
    if($s =~ /\n$/) {
        sgml($_[0], eval("sub { output '$s'; \$newline_last = 1; }"));
    } else {
        sgml($_[0], eval("sub { output '$s'; \$newline_last = 0; }"));
    }
}
}

sub man_output
{
    $_ = shift;
    if(s/^\\n/) {
        output "\n" unless $newline_last++;
    }
    return if $_ eq ";

    output $_;

    if(@_) {
        output @_;
        $newline_last = (pop(@_) =~ /\n$/);
    } else {
        $newline_last = ($_ =~ /\n$/)
    }
}

# Fold lines into one, quote some characters
sub fold_string
{
    $_ = shift;

```

```

s/^\\\\\\\\/g;
s/'\\\\\\\\&'"/g;

# Change tabs to spaces
tr/^t\\n/ /;

# Trim whitespace from beginning and end.
s/^ +//;
s/
+$/;

return $_;
}

sub save_cdata()
{
    $raw_cdata++;
    push_output('string');
}

sub bold_on()
{
    # If the last font is also bold, don't change anything.
    # Basically this is to just get more readable man output.
    if($fontstack[$#fontstack] ne 'bold') {
        if(!$raw_cdata) {
            output '\fB';
            $newline_last = 0;
        }
    }
    push(@fontstack, 'bold');
}

sub italic_on()
{
    # If the last font is also italic, don't change anything.
    if($fontstack[$#fontstack] ne 'italic') {
        if(!$raw_cdata) {
            output '\fI';
            $newline_last = 0;
        }
    }
    push(@fontstack, 'italic');
}

sub font_off()
{

```

```
my $thisfont = pop(@fontstack);
my $lastfont = $fontstack[$#fontstack];
```

```
# Only output font change if it is different
if($thisfont ne $lastfont) {
  if($raw_cdata) { return; }
  elsif($lastfont eq 'bold') { output '\fB'; }
  elsif($lastfont eq 'italic') { output '\fI'; }
  else { output '\fR'; }

  $newline_last = 0;
}
}
```

```
#####
#
#
Manpage management
#
#####
```

```
sgml('<REFENTRY>', sub {
# This will be overwritten at end of REFMETA, when we know the name of the page.
pop_output();
```

```
$write_manpages = 1; # Currently writing manpage.
```

```
$nocollapse_whitespace = 0; # Current whitespace collapse counter.
```

```
$newline_last = 1; # At beginning of line?
```

```
# Just a bit of warning, you will see this variable manipulated
# manually a lot. It makes the code harder to follow but it
# saves you from having to worry about collapsing at the end of
# parse, stopping at verbatims, etc.
```

```
$raw_cdata = 0; # Instructs certain output functions to
# leave CDATA alone, so we can assign
# it to a string and process it, etc.
```

```
@fontstack = (); # Fonts being activated.
```

```
$manpage_title = ""; # Needed for indexing.
```

```
$manpage_sect = "";
```

```
@manpage_names = ();
```

```
$manpage_misc = "";
```

```

$list_nestlevel = 0; # Indent certain nested
content.
});
sgml('</REFENTRY>', sub {
  if(!$newline_last) {
    output "\n";
  }

  $write_manpages = 0;
  $raw_cdata = 1;
  push_output('nul');
});

sgml('</REFMETA>', sub {
  push_output('file', "$manpage_title.$manpage_sect");

  output <<_END_BANNER;
  .\\ " This manpage has been automatically generated by docbook2man
  .\\ " from a DocBook document. This tool can be found at:
  .\\ " <http://shell.ipoline.com/~elmert/comp/docbook2X/>
  .\\ " Please send any bug reports, improvements, comments, patches,
  .\\ " etc. to Steve Cheng <steve@ggi-project.org>.
  _END_BANNER

  my $manpage_date = `date "+%d %B %Y"`;

  output '.TH '";

  # If the title is not mixed-case, convention says to
  # uppercase the whole title. (The canonical title is
  # lowercase.)
  if($manpage_title =~ /[A-Z]/) {
    output fold_string($manpage_title);
  } else {
    output uc(fold_string($manpage_title));
  }

  output '" "', fold_string($manpage_sect),
  '" "', fold_string(`date "+%d %B %Y"`),
  '" "', $manpage_misc,
  '" "',
  $manpage_manual,
  "\\n";

  $newline_last = 1;

  # References to this RefEntry.

```

```

my $id = $_[0]->parent->attribute('ID')->value;
if($id ne "") {
    # The 'package name' part of the section should
    # not be used when citing it.
    my ($sectnum) = ($manpage_sect =~ /([0-9]*)/);

    if($_[0]->parent->attribute('XREFLABEL')->value eq "") {
        $Refs->put("refentry:$id", "$manpage_title($sectnum)");
    } else {
        $Refs->put("refentry:$id",
            $_[0]->parent->attribute('XREFLABEL')->value .
            "($sectnum)");
    }
}
});

```

```

sgml('<REFENTRYTITLE>', sub {
    if($_[0]->in('REFMETA')) {
        save_cdata();
    } else {
        # Manpage citations are in bold.
        bold_on();
    }
});
sgml('</REFENTRYTITLE>', sub {
    if($_[0]->in('REFMETA')) {
        $raw_cdata--;
        $manpage_title = pop_output();
    }
    else { font_off(); }
});

```

```

sgml('<MANVOLNUM>', sub {
    if($_[0]->in('REFMETA')) {
        save_cdata();
    } else {
        # Manpage citations use ().
        output '(';
    }
});
sgml('</MANVOLNUM>', sub {
    if($_[0]->in('REFMETA')) {
        $raw_cdata--;
        $manpage_sect
        = pop_output();
    }
    else { output ')' }
});

```

```

sgml('<REFMISCINFO>', \&save_cdata);
sgml('</REFMISCINFO>', sub {
    $raw_cdata--;
    $manpage_misc = fold_string(pop_output());
});

# NAME section
man_sgml('<REFNAMEDIV>', "\n.SH NAME\n");

sgml('<REFNAME>', \&save_cdata);
sgml('</REFNAME>', sub {
    $raw_cdata--;
    push(@manpage_names, pop_output());
});

sgml('<REFPURPOSE>', \&save_cdata);
sgml('</REFPURPOSE>', sub {
    $raw_cdata--;
    my $manpage_purpose = fold_string(pop_output());

    for(my $i = 0; $i < $#manpage_names; $i++) {
        output fold_string($manpage_names[$i]), ', ';
    }

    output fold_string($manpage_names[$#manpage_names]);
    output " \\\- $manpage_purpose\n";

    $newline_last = 1;

    foreach(@manpage_names) {
        # Don't link to itself
        if($_ ne $manpage_title) {
            print LINKSFILE "$manpage_title.$manpage_sect $_.$manpage_sect\n";
        }
    }
});

man_sgml('<REFCLASS>', "\n.sp\n");

#RefDescriptor

#####

```

```

#
#
SYNOPSIS section and synopses
#
#####

man_sgml('<REFSYNOPSISDIV>', "\n.SH SYNOPSIS\n");
man_sgml('</REFSYNOPSISDIV>', "\n");

## FIXME! Must be made into block elements!!
#sgml('<FUNCSYNOPSIS>', \&bold_on);
#sgml('</FUNCSYNOPSIS>', \&font_off);
#sgml('<CMDSYNOPSIS>', \&bold_on);
#sgml('</CMDSYNOPSIS>', \&font_off);

man_sgml('<FUNCSYNOPSIS>', sub {
    man_output("\n.sp\n");
    bold_on();
});
man_sgml('</FUNCSYNOPSIS>', sub {
    font_off();
    man_output("\n");
});

man_sgml('<CMDSYNOPSIS>', "\n\n");
man_sgml('</CMDSYNOPSIS>', "\n\n");

man_sgml('<FUNCPROTOTYPE>', "\n.sp\n");

# Arguments to functions. This is C convention.
man_sgml('<PARAMDEF>', '(');
man_sgml('</PARAMDEF>', '); \n');
man_sgml('<VOID>', "(void); \n");

sub arg_start
{
    # my $choice = $_[0]->attribute('CHOICE')->value;

    # The content model for CmdSynopsis doesn't include #PCDATA,
    # so we won't see any of the whitespace in the source file,
    #
    so we have to add it after each component.
    output ' ';

    if($_[0]->attribute('CHOICE')->value =~ /opt/i) {
        output '[';
    }
}

```

```

}
bold_on();
}
sub arg_end
{
font_off();
if($_[0]->attribute('REP')->value =~ /^Repeat/i) {
italic_on();
output ' ...';
font_off();
}
if($_[0]->attribute('CHOICE')->value =~ /opt/i) {
output ' ]';
}
}

sgml('<ARG>', \&arg_start);
sgml('</ARG>', \&arg_end);
sgml('<GROUP>', \&arg_start);
sgml('</GROUP>', \&arg_end);

sgml('<OPTION>', \&bold_on);
sgml('</OPTION>', \&font_off);

# FIXME: This is one _blank_ line.
man_sgml('<SBR>', "\n\n");

#####
#
# General sections
#
#####

# The name of the section is handled by TITLE. This just sets
# up the roff markup.
man_sgml('<REFSECT1>', "\n.SH ");
man_sgml('<REFSECT2>', "\n.SS ");
man_sgml('<REFSECT3>', "\n.SS ");

#####
#
#
Titles, metadata.
#
#####

```



```

sgml('<TITLE>', sub {
  if($_[0]->in('REFERENCE') or $_[0]->in('BOOK')) {
    $write_manpages = 1;
  }
  save_cdata();
});
sgml('</TITLE>', sub {
  my $title = fold_string(pop_output());
  $raw_cdata--;

  if($_[0]->in('REFERENCE') or $_[0]->in('BOOK')) {
    # We use TITLE of enclosing Reference or Book as manual name
    $manpage_manual = $title;
    $write_manpages = 0;
  }
  elsif(exists $_[0]->parent->ext->{'title'}) {
    # By far the easiest case. Just fold the string as
    # above, and then set the parent element's variable.
    $_[0]->parent->ext->{'title'} = $title;
  }
  else {
    # If the parent element's handlers are lazy,
    # output the folded string for them :)
    # We assume they want uppercase and a newline.
    output "", uc($title), "\\n";
    $newline_last = 1;
  }
});

sgml('<ATtribution>', sub { push_output('string') });
sgml('</ATtribution>', sub { $_[0]->parent->ext->{'attribution'}
  = pop_output(); });

# IGNORE.
sgml('<DOCINFO>', sub { push_output('nul'); });
sgml('</DOCINFO>', sub { pop_output(); });
sgml('<REFSECT1INFO>', sub { push_output('nul'); });
sgml('</REFSECT1INFO>', sub { pop_output(); });
sgml('<REFSECT2INFO>', sub { push_output('nul'); });
sgml('</REFSECT2INFO>', sub { pop_output(); });
sgml('<REFSECT3INFO>', sub { push_output('nul'); });
sgml('</REFSECT3INFO>', sub { pop_output(); });

sgml('<INDEXTERM>', sub { push_output('nul'); });
sgml('</INDEXTERM>', sub { pop_output(); });

```

```
#####
#
# Set bold on enclosed content
#
#####

sgml('<APPLICATION>', \&bold_on); sgml('</APPLICATION>', \&font_off);

sgml('<CLASSNAME>', \&bold_on); sgml('</CLASSNAME>', \&font_off);
sgml('<STRUCTNAME>', \&bold_on); sgml('</STRUCTNAME>', \&font_off);
sgml('<STRUCTFIELD>', \&bold_on); sgml('</STRUCTFIELD>', \&font_off);
sgml('<SYMBOL>',
\&bold_on); sgml('</SYMBOL>', \&font_off);
sgml('<TYPE>', \&bold_on); sgml('</TYPE>', \&font_off);

sgml('<ENVAR>', \&bold_on); sgml('</ENVAR>', \&font_off);

sgml('<FUNCTION>', \&bold_on); sgml('</FUNCTION>', \&font_off);

sgml('<EMPHASIS>', \&bold_on); sgml('</EMPHASIS>', \&font_off);

sgml('<ERRORNAME>', \&bold_on); sgml('</ERRORNAME>', \&font_off);
# ERRORTYPE

sgml('<COMMAND>', \&bold_on); sgml('</COMMAND>', \&font_off);

sgml('<GUIBUTTON>', \&bold_on); sgml('</GUIBUTTON>', \&font_off);
sgml('<GUIICON>', \&bold_on); sgml('</GUIICON>', \&font_off);
# GUILABEL
# GUIMENU
# GUIMENUITEM
# GUISUBMENU
# MENUCHOICE
# MOUSEBUTTON

sgml('<ACCEL>', \&bold_on); sgml('</ACCEL>', \&font_off);
sgml('<KEYCAP>', \&bold_on); sgml('</KEYCAP>', \&font_off);
sgml('<KEYSYM>', \&bold_on); sgml('</KEYSYM>', \&font_off);
# KEYCODE
# KEYCOMBO
# SHORTCUT

sgml('<USERINPUT>', \&bold_on); sgml('</USERINPUT>', \&font_off);

sgml('<INTERFACEDEFINITION>', \&bold_on);
sgml('</INTERFACEDEFINITION>', \&font_off);

#
```

May need to look at the CLASS
sgml('<SYSTEMITEM>', \&bold_on);
sgml('</SYSTEMITEM>', \&font_off);

```
#####  
#  
# Set italic on enclosed content  
#  
#####
```

sgml('<FIRSTTERM>', \&italic_on); sgml('</FIRSTTERM>', \&font_off);

sgml('<FILENAME>', \&italic_on); sgml('</FILENAME>', \&font_off);
sgml('<PARAMETER>', \&italic_on); sgml('</PARAMETER>', \&font_off);
sgml('<PROPERTY>', \&italic_on); sgml('</PROPERTY>', \&font_off);

```
sgml('<REPLACEABLE>', sub {  
    italic_on();  
    if($_[0]->in('TOKEN')) {  
        # When tokenizing, follow more 'intuitive' convention  
        output "<";  
    }  
});  
sgml('</REPLACEABLE>', sub {  
    if($_[0]->in('TOKEN')) {  
        output ">";  
    }  
    font_off();  
});
```

sgml('<CITETITLE>', \&italic_on); sgml('</CITETITLE>', \&font_off);
sgml('<FOREIGNPHRASE>', \&italic_on); sgml('</FOREIGNPHRASE>', \&font_off);

sgml('<LINEANNOTATION>', \&italic_on); sgml('</LINEANNOTATION>',
\&font_off);

```
#####  
#  
# Other 'inline' elements
```

```

#
#####

man_sgml('<EMAIL>', '<');
man_sgml('</EMAIL>', '>');
man_sgml('<OPTIONAL>', '[');
man_sgml('</OPTIONAL>', ']');

man_sgml('</TRADEMARK>', "\\u\\s-2TM\\s+2\\d");

man_sgml('<COMMENT>', "[Comment: ");
man_sgml('</COMMENT>', "]");

man_sgml('<QUOTE>', "`");
man_sgml('</QUOTE>', "`");

#man_sgml('<LITERAL>', '"');
#man_sgml('</LITERAL>', '"');

# No special presentation:

# AUTHOR
# AUTHORINITIALS

# ABBREV
# ACTION
# ACRONYM
# ALT
# CITATION
# PHRASE
# QUOTE
# WORDASWORD

# COMPUTEROUTPUT
# MARKUP
# PROMPT
# RETURNVALUE
# SGMLTAG
# TOKEN

# DATABASE
# HARDWARE
# INTERFACE
# MEDIALABEL

# There doesn't seem to be a good way to represent LITERAL in -man

```

```
#####
#
# Paragraph and paragraph-like elements
#
#####

sub
para_start {
output "\n" unless $newline_last++;

# In lists, etc., don't start paragraph with .PP since
# the indentation will be gone.

if($_[0]->parent->ext->{'nobreak'}==1) {
# Usually this is the FIRST element of
# a hanging tag, so we MUST not do a full
# paragraph break.
$_[0]->parent->ext->{'nobreak'} = 2;
} elsif($_[0]->parent->ext->{'nobreak'}==2) {
# Usually these are the NEXT elements of
# a hanging tag. If we break using a blank
# line, we're okay.
output "\n";
} else {
# Normal case. (For indented blocks too, at least
# -man isn't so braindead in this area.)
output ".PP\n";
}
}

# Actually applies to a few other block elements as well
sub para_end {
output "\n" unless $newline_last++;
}

sgml('<PARA>', \&para_start);
sgml('</PARA>', \&para_end);
sgml('<SIMPARA>', \&para_start);
sgml('</SIMPARA>', \&para_end);

# Nothing special, except maybe FIXME set nobreak.
sgml('<INFORMALEXAMPLE>',
\&para_start);
sgml('</INFORMALEXAMPLE>', \&para_end);
```

```
#####
#
# Blocks using SS sections
#
#####

# FIXME: We need to consider the effects of SS
# in a hanging tag :(

# Complete with the optional-title dilemma (again).
sgml('<ABSTRACT>', sub {
    $_[0]->ext->{'title'} = 'ABSTRACT';
    output "\n" unless $newline_last++;
    push_output('string');
});
sgml('</ABSTRACT>', sub {
    my $content = pop_output();

    # As ABSTRACT is never on the same level as RefSect1,
    # this leaves us with only .SS in terms of -man macros.
    output ".SS \"", uc($_[0]->ext->{'title'}), "\"\n";

    output $content;
    output "\n" unless $newline_last++;
});

# Ah, I needed a break. Example always has a title.
man_sgml('<EXAMPLE>', "\n.SS ");
sgml('</EXAMPLE>', \&para_end);

# Same with sidebar.
man_sgml('<SIDEBAR>', "\n.SS ");
sgml('</SIDEBAR>', \&para_end);

# NO title.
man_sgml('<HIGHLIGHTS>',
    "\n.SS HIGHLIGHTS\n");
sgml('</HIGHLIGHTS>', \&para_end);

#####
#
# Indented 'Block' elements
#
#####
```

```

sub indent_block_start
{
    output "\n" unless $newline_last++;
    output ".sp\n.RS\n";
}
sub indent_block_end
{
    output "\n" unless $newline_last++;
    output ".RE\n";
}

# This element is almost like an admonition (below),
# only the default title is blank :)

sgml('<BLOCKQUOTE>', sub {
    $_[0]->ext->{'title'} = "";
    output "\n" unless $newline_last++;
    push_output('string');
});
sgml('</BLOCKQUOTE>', sub {
    my $content = pop_output();

    indent_block_start();

    if($_[0]->ext->{'title'}) {
        output ".B \"", $_[0]->ext->{'title'}, ":\n";
    }

    output $content;

    if($_[0]->ext->{'attribution'}) {
        output "\n" unless $newline_last++;
        # One place where roff's space-sensitivity makes sense :)
        output "\n        -- ";
        output
        $_[0]->ext->{'attribution'} . "\n";
    }

    indent_block_end();
});

# Set off admonitions from the rest of the text by indenting.
# FIXME: Need to check if this works inside paragraphs, not enclosing them.
sub admonition_end {
    my $content = pop_output();

    indent_block_start();

```

```

# When the admonition is only one paragraph,
# it looks nicer if the title was inline.
my $num_para;
while ($content =~ /\.\.PP/gm) { $num_para++ }
if($num_para==1) {
    $content =~ s/\.\.PP\n//;
}

output ".B \"\" . $_[0]->ext->{'title'} . \"\n\";
output $content;

indent_block_end();
}

sgml('<NOTE>', sub {
    # We can't see right now whether or not there is a TITLE
    # element, so we have to save the output now and add it back
    # at the end of this admonition.
    $_[0]->ext->{'title'} = 'Note';

    # Although admonition_end's indent_block_start will do this,
    # we need to synchronize the output_now_
    output "\n" unless $newline_last++;

    push_output('string');
});
sgml('</NOTE>', \&admonition_end);

#
Same as above.
sgml('<WARNING>', sub {
    $_[0]->ext->{'title'} = 'Warning';
    output "\n" unless $newline_last++;
    push_output('string');
});
sgml('</WARNING>', \&admonition_end);

sgml('<TIP>', sub {
    $_[0]->ext->{'title'} = 'Tip';
    output "\n" unless $newline_last++;
    push_output('string');
});
sgml('</TIP>', \&admonition_end);
sgml('<CAUTION>', sub {
    $_[0]->ext->{'title'} = 'Caution';
    output "\n" unless $newline_last++;
    push_output('string');
});

```



```
});
sgml('</CAUTION>', \&admonition_end);

sgml('<IMPORTANT>', sub {
  $_[0]->ext->{'title'} = 'Important';
  output "\n" unless $newline_last++;
  push_output('string');
});
sgml('</IMPORTANT>', \&admonition_end);
```

```
#####
#
# Verbatim displays.
#
#####

sub verbatim_start {
  output "\n" unless $newline_last++;

  if($_[0]->parent->ext->{'nobreak'}==1) {
    # Usually this is the FIRST element of
    #
    a hanging tag, so we MUST not do a full
    # paragraph break.
    $_[0]->parent->ext->{'nobreak'} = 2;
  } else {
    output "\n";
  }

  output(".nf\n") unless $nocollapse_whitespace++;
}

sub verbatim_end {
  output "\n" unless $newline_last++;
  output(".fi\n") unless --$nocollapse_whitespace;
}
```

```
sgml('<PROGRAMLISTING>', \&verbatim_start);
sgml('</PROGRAMLISTING>', \&verbatim_end);
```

```
sgml('<SCREEN>', \&verbatim_start);
sgml('</SCREEN>', \&verbatim_end);
```

```
sgml('<LITERALLAYOUT>', \&verbatim_start);
sgml('</LITERALLAYOUT>', \&verbatim_end);
```

```
#sgml('<SYNOPSIS>', sub {
# if($_[0]->attribute('FORMAT')->value =~ /linespecific/i) {
#   &verbatim_start;
# } else {
#   roffcmd("");
# }
#});
#
#sgml('</SYNOPSIS>', sub {
# if($_[0]->attribute('FORMAT')->value =~ /linespecific/i) {
#   &verbatim_end;
# }
# else {
#   roffcmd("");# not sure about this.
# }
#});
sgml('<SYNOPSIS>', \&verbatim_start);
sgml('</SYNOPSIS>', \&verbatim_end);
```

```
#####
#
#
Lists
#
#####
```

```
# Indent nested lists.
sub indent_list_start {
  if($list_nestlevel++) {
    output "\n" unless $newline_last++;
    output ".RS\n";
  }
}
```

```

}
}
sub indent_list_end {
  if(--$list_nestlevel) {
    output "\n" unless $newline_last++;
    output ".RE\n";
  }
}

sgml('<VARIABLELIST>', \&indent_list_start);
sgml('</VARIABLELIST>', \&indent_list_end);
sgml('<ITEMIZEDLIST>', \&indent_list_start);
sgml('</ITEMIZEDLIST>', \&indent_list_end);
sgml('<ORDEREDLIST>', sub {
  indent_list_start();
  $_[0]->ext->{'count'} = 1;
});
sgml('</ORDEREDLIST>', \&indent_list_end);

# Output content on one line, bolded.
sgml('<TERM>', sub {
  output "\n" unless $newline_last++;
  output ".TP\n";
  bold_on();
  push_output('string');
});
sgml('</TERM>', sub {
  my $term = pop_output();
  $term =~ tr/\n/ /;
  output $term;
  font_off();
  output "\n";
  $newline_last = 1;
});

sgml('<LISTITEM>', sub {
  # A bulleted list.
  if($_[0]->in('ITEMIZEDLIST'))
  {
    output "\n" unless $newline_last++;
    output ".TP 0.2i\n\\(bu\n";
  }

  # Need numbers.
  # Assume Arabic numeration for now.
  elsif($_[0]->in('ORDEREDLIST')) {
    output "\n" unless $newline_last++;
    output ".TP ", $_[0]->parent->ext->{'count'}++, ". \n";
  }
}

```

```

}

$_[0]->ext->{'nobreak'} = 1;
});

sgml('<SIMPLELIST>', sub {
    $_[0]->ext->{'first_member'} = 1;
});

sgml('<MEMBER>', sub {
    my $parent = $_[0]->parent;

    if($parent->attribute('TYPE')->value =~ /Inline/i) {
        if($parent->ext->{'first_member'}) {
            # If this is the first member don't put any commas
            $parent->ext->{'first_member'} = 0;
        } else {
            output ", ";
        }
    } elsif($parent->attribute('TYPE')->value =~ /Vert/i) {
        output "\n" unless $newline_last++;
        output "\n";
    }
});

#####
#
# Stuff we don't know how to handle (yet)
#
#####

# Address blocks:

# Credit stuff:
#
ACKNO
# ADDRESS
# AFFILIATION
# ARTPAGENUMS
# ATTRIBUTION
# AUTHORBLURB
# AUTHORGROUP
# OTHERCREDIT
# HONORIFIC

```

```
# Areas:
# AREA
# AREASET
# AREASPEC
```

```
#####
#
# Linkage, cross references
#
#####
```

```
# Print the URL
sgml('</ULINK>', sub {
# output ' <URL:', $_[0]->attribute('URL')->value, '>';
$newline_last = 0;
});
```

```
# If cross reference target is a RefEntry,
# output CiteRefEntry-style references.
sgml('<XREF>', sub {
my $id = $_[0]->attribute('LINKEND')->value;
my $manref = $Refs->get("refentry:$id");
```

```
if($manref) {
my ($title, $sect) = ($manref =~ /(.*)(\(.*\))/);
bold_on();
output $title;
font_off();
output $sect;
} else {
$blank_xrefs++ if $write_manpages;
output "[XRef to $id]";
}
```

```
$newline_last = 0;
});
```

```
# Anchor
```

```
#####
```



```

}
}

$newline_last = 0;

output $_[0];
});

# When in whitespace-collapsing mode, we disallow consecutive newlines.

sgml('re', sub
{
if($nocollapse_whitespace || !$newline_last) {
output "\n";
}

$newline_last = 1;
});

sgml('sdata',sub { die "Unknown SDATA: " . $_[0]; });
sgml('pi',sub { die "Unknown processing instruction: " . $_[0]; });
sgml('entity',sub { die "Unknown external entity: " . $_[0]->name; });
sgml('start_subdoc',sub { die "Unknown subdoc entity: " . $_[0]->name; });
sgml('end_subdoc',"");
sgml('conforming',"");

1;

Found in path(s):
* /iputils-s20101006-tar-gz/iputils-s20101006/doc/docbook2man-spec.pl
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* @(#)tftp.h 8.1 (Berkeley) 6/2/93

*/

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* tracepath.c

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*

* Authors: Alexey Kuznetsov, <kuznet@ms2.inr.ac.ru>

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- */
- /*
- * P I N G . C
- *
- * Using the InterNet Control Message Protocol (ICMP) "ECHO" facility,
- * measure round-trip-delays and packet loss across network paths.
- *
- * Author -
- * Mike Muuss
- * U. S. Army Ballistic Research Laboratory
- * December, 1983
- *
- * Status -
- * Public Domain. Distribution Unlimited.
- * Bugs -
- * More statistics could always be gathered.
- * This program has to run SUID to ROOT to access the ICMP socket.
- */

Found in path(s):

- * /iputils-s20101006-tar-gz/iputils-s20101006/ping.c

* /iputils-s20101006-tar-gz/iputils-s20101006/ping6.c

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Found in path(s):

* /iputils-s20101006-tar-gz/iputils-s20101006/doc/clockdiff.sgml

* /iputils-s20101006-tar-gz/iputils-s20101006/doc/tracepath.sgml

* /iputils-s20101006-tar-gz/iputils-s20101006/doc/arping.sgml

* /iputils-s20101006-tar-gz/iputils-s20101006/doc/rarpd.sgml

* /iputils-s20101006-tar-gz/iputils-s20101006/doc/traceroute6.sgml

* /iputils-s20101006-tar-gz/iputils-s20101006/doc/pg3.sgml

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Found in path(s):

* /iputils-s20101006-tar-gz/iputils-s20101006/tftpd.c
* /iputils-s20101006-tar-gz/iputils-s20101006/tftpsubs.c

1.91 tftp-hpa 5.2

1.91.1 Available under license :

No license file was found, but licenses were detected in source scan.

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* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

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*/

Found

in path(s):

* /tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftpd/tftpd.c

No license file was found, but licenses were detected in source scan.

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* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

* SUCH DAMAGE.

*/

Found in path(s):

* /tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/common/tftpsubs.c

*

/tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/tftp/main.c

* /tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/tftp/tftp.c

No license file was found, but licenses were detected in source scan.

```

/* ----- */
*
* Copyright 2001-2006 H. Peter Anvin - All Rights Reserved
*
* This program is free software available under the same license
* as the "OpenBSD" operating system, distributed at
* http://www.openbsd.org/.
*
* ----- */

```

Found in path(s):

```

* /tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftpd/recvfrom.h
* /tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftpd/recvfrom.c

```

No license file was found, but licenses were detected in source scan.

Summary: The client for the Trivial File Transfer Protocol (TFTP).

Name: tftp

Version: 5.2

Release: 1

License: BSD

Group: Applications/Internet

Source0: <http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.gz>

BuildRequires: tcp_wrappers-devel

BuildRoot: %{_tmppath}/%{name}-root

%description

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp package provides the user interface for TFTP, which allows users to transfer files to and from a remote machine. This program and TFTP provide very little security, and should not be enabled unless it is expressly needed.

%package server

Group: System Environment/Daemons

Summary: The server for the Trivial File Transfer Protocol (TFTP).

Requires: xinetd

%description server

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp-server package provides the server for TFTP, which allows users to transfer files to and from a remote machine. TFTP provides very little security, and should not be enabled unless it is expressly needed. The TFTP server is run from `/etc/xinetd.d/tftp`, and is disabled by default on Red Hat Linux systems.

%prep

%setup -q -n tftp-hpa-%{version}

```

%build

%configure
make %{?_smp_mflags}

%install
rm -rf ${RPM_BUILD_ROOT}
mkdir -p ${RPM_BUILD_ROOT}%{_bindir}
mkdir -p ${RPM_BUILD_ROOT}%{_mandir}/man{1,8}
mkdir -p ${RPM_BUILD_ROOT}%{_sbindir}

make INSTALLROOT=${RPM_BUILD_ROOT} \
    SBINDIR=%{_sbindir} MANDIR=%{_mandir} \
    install
install -m755 -d ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/ ${RPM_BUILD_ROOT}/tftpboot
install -m644 tftp-xinetd ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/tftp

%post server
/sbin/service xinetd reload > /dev/null 2>&1 || :

%postun server
if [ $1 = 0 ]; then
    /sbin/service xinetd reload > /dev/null 2>&1 || :
fi

%clean
rm -rf ${RPM_BUILD_ROOT}

%files
%defattr(-,root,root)
%{_bindir}/tftp
%{_mandir}/man1/*

%files
server
%defattr(-,root,root)
%config(noreplace) %{_sysconfdir}/xinetd.d/tftp
%dir /tftpboot
%{_sbindir}/in.tftpd
%{_mandir}/man8/*

%changelog
* Tue Sep 14 2004 H. Peter Anvin <hpa@zytor.com>
- removed completely broken "Malta" patch.
- integrated into build machinery so rpm -ta works.

* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>

```

- rebuilt
- * Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>
 - rebuilt
- * Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>
 - 0.33
 - Add /tftpboot directory (#88204)
- * Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>
 - rebuilt
- * Sun Feb 23 2003 Tim Powers <timp@redhat.com>
 - add BuildPreReq on tcp_wrappers
- * Wed Jan 22 2003 Tim Powers <timp@redhat.com>
 - rebuilt
- * Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1
 - Update to 0.32
- * Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1
 - Fix #55789
 - Update to 0.30
- * Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>
 - Try applying HJ's patch from #65476
- * Fri Jun 21 2002 Tim Powers <timp@redhat.com>
 - automated rebuild
- * Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>
 - Update to 0.29
- * Thu May 23 2002 Tim Powers <timp@redhat.com>
 - automated rebuild
- * Wed Jan 09 2002 Tim Powers <timp@redhat.com>
 - automated rebuild
- * Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15
 - Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562
 - Update to tftp-hpa-0.28 (bug #56131)
 - Remove include/arpa/tftp.h to fix #57259
 - Add resource limits in tftp-xinetd (#56722)
- * Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>

- Bump release + rebuild.

- * Tue Jun 12 2001 Helge Deller <hdeller@redhat.de> (0.17-13)

- updated tftp-hpa source to tftp-hpa-0.17
- tweaked specfile with different defines for tftp-netkit and tftp-hpa version
- use hpa's tftpd.8 man page instead of the netkits one

- * Mon May 07 2001 Helge Deller <hdeller@redhat.de>

- rebuilt in 7.1.x

- * Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>

- fix tftp client's put problems (#29529)
- update
- to tftp-hpa-0.16

- * Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>

- don't let configure to guess compiler, it can pick up egcs

- * Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>

- changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)
- fixed hpa-tftpd to handle files greater than 32MB (#23725)
- added "-l" flag to hpa-tftpd for file-logging (#26467)
- added description for "-l" to the man-page

- * Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>

- updated tftp client to 0.17 stable (#19640),
- drop dependency on xinetd for tftp client (#25051),

- * Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>

- xinetd shouldn't wait on tftp (which forks) (#23923).

- * Sat Jan 6 2001 Jeff Johnson <jbj@redhat.com>

- fix to permit tftp put's (#18128).
- startup as root with chroot to /tftpboot with early reversion to nobody is preferable to starting as nobody w/o ability to chroot.
- %%post is needed by server, not client. Add %%postun for erasure as well.

- * Wed Aug 23 2000

- Nalin Dahyabhai <nalin@redhat.com>

- default to being disabled

- * Thu Aug 17 2000 Jeff Johnson <jbj@redhat.com>

- correct group.

- * Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>

- change user from root to nobody

- * Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>

- update to tftp-hpa-0.14 (#14003).
 - add server_args (#14003).
 - remove -D_BSD_SOURCE (#14003).
- * Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>
- cook up an xinetd config file for tftpd
- * Wed Jul 12 2000 Prospector <bugzilla@redhat.com>
- automatic rebuild
- * Sun Jun 18 2000 Jeff Johnson <jbj@redhat.com>
- FHS packaging.
 - update to 0.17.
- * Fri May 5 2000 Matt Wilson <msw@redhat.com>
- use _BSD_SOURCE for hpa's tftpd so we get BSD signal semantics.
- * Fri Feb 11 2000 Bill Nottingham <notting@redhat.com>
- fix description
- * Wed Feb 9 2000 Jeff Johnson <jbj@redhat.com>
- compress man pages (again).
- * Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>
- man pages are compressed
 - fix description and summary
- * Tue
- Jan 4 2000 Bill Nottingham <notting@redhat.com>
- split client and server
- * Tue Dec 21 1999 Jeff Johnson <jbj@redhat.com>
- update to 0.16.
- * Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>
- update to 0.15.
- * Wed Apr 7 1999 Jeff Johnson <jbj@redhat.com>
- tftpd should truncate file when overwriting (#412)
- * Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>
- auto rebuild in the new build environment (release 22)
- * Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>
- compile for 6.0.
- * Fri Aug 7 1998 Jeff Johnson <jbj@redhat.com>
- build root

* Mon Apr 27 1998 Prospector System <bugs@redhat.com>

- translations modified for de, fr, tr

* Mon Sep 22 1997 Erik Troan <ewt@redhat.com>

- added check for getpwnam() failure

* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>

- initial build

Found in path(s):

* /tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/tftp.spec

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```
/* -*- c -*- ----- *
```

```
/*
```

```
/* Copyright 2001-2006 H. Peter Anvin - All Rights Reserved
```

```
/*
```

```
/* This program is free software available under the same license
```

```
/* as the "OpenBSD" operating system, distributed at
```

```
/* http://www.openbsd.org/.
```

```
/*
```

```
/* ----- */
```

Found in path(s):

* /tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/config.h

No license file was found, but licenses were detected in source scan.

Summary: The client for the Trivial File Transfer Protocol (TFTP).

Name: tftp

Version: @@VERSION@@

Release: 1

License: BSD

Group: Applications/Internet

Source0: <http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.gz>

BuildRequires: tcp_wrappers-devel

BuildRoot: %{_tmppath}/%{name}-root

%description

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp package provides the user interface for TFTP, which allows users to transfer files to and from a remote machine. This program and TFTP provide very little security, and should not be enabled unless it is expressly needed.

%package server

Group: System Environment/Daemons

Summary: The server for the Trivial File Transfer Protocol (TFTP).

Requires: xinetd

%description server

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp-server package provides the server for TFTP, which allows users to transfer files to and from a remote machine. TFTP provides very little security, and should not be enabled unless it is expressly needed. The TFTP server is run from /etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems.

%prep

%setup -q -n tftp-hpa-%{version}

%build

%configure

make %{?_smp_mflags}

%install

rm -rf \${RPM_BUILD_ROOT}

mkdir -p \${RPM_BUILD_ROOT}%{_bindir}

mkdir -p \${RPM_BUILD_ROOT}%{_mandir}/man{1,8}

mkdir -p \${RPM_BUILD_ROOT}%{_sbindir}

make INSTALLROOT=\${RPM_BUILD_ROOT} \

SBINDIR=%{_sbindir} MANDIR=%{_mandir} \

install

install -m755 -d \${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/ \${RPM_BUILD_ROOT}/tftpboot

install -m644 tftp-xinetd \${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/tftp

%post server

/sbin/service xinetd reload > /dev/null 2>&1 || :

%postun server

if [\$1 = 0]; then

/sbin/service xinetd reload > /dev/null 2>&1 || :

fi

%clean

rm -rf \${RPM_BUILD_ROOT}

%files

%defattr(-,root,root)

%{_bindir}/tftp

%{_mandir}/man1/*

%files

```

server
%defattr(-,root,root)
%config(noreplace) %{_sysconfdir}/xinetd.d/tftp
%dir /tftpboot
%{_sbindir}/in.tftpd
%{_mandir}/man8/*

%changelog
* Tue Sep 14 2004 H. Peter Anvin <hpa@zytor.com>
- removed completely broken "Malta" patch.
- integrated into build machinery so rpm -ta works.

* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>
- 0.33
- Add /tftpboot directory (#88204)

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 - automated rebuild
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 - Remove include/arpa/tftp.h to fix #57259
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 - tweaked specfile with different defines for tftp-netkit and tftp-hpa version
 - use hpa's tftpd.8 man page instead of the netkits one
- * Mon May 07 2001 Helge Deller <hdeller@redhat.de>
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- * Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>
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 -
 - update to tftp-hpa-0.16
- * Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>
 - don't let configure to guess compiler, it can pick up egcs
- * Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
 - changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)
 - fixed hpa-tftpd to handle files greater than 32MB (#23725)
 - added "-l" flag to hpa-tftpd for file-logging (#26467)
 - added description for "-l" to the man-page
- * Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
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 - drop dependency on xinetd for tftp client (#25051),
- * Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>
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 - fix to permit tftp put's (#18128).
 - startup as root with chroot to /tftpboot with early reversion to nobody is preferable to starting as nobody w/o ability to chroot.

- %%post is needed by server, not client. Add %%postun for erasure as well.

* Wed Aug

23 2000 Nalin Dahyabhai <nalin@redhat.com>

- default to being disabled

* Thu Aug 17 2000 Jeff Johnson <jbj@redhat.com>

- correct group.

* Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>

- change user from root to nobody

* Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>

- update to tftp-hpa-0.14 (#14003).

- add server_args (#14003).

- remove -D_BSD_SOURCE (#14003).

* Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>

- cook up an xinetd config file for tftpd

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- automatic rebuild

* Sun Jun 18 2000 Jeff Johnson <jbj@redhat.com>

- FHS packaging.

- update to 0.17.

* Fri May 5 2000 Matt Wilson <msw@redhat.com>

- use _BSD_SOURCE for hpa's tftpd so we get BSD signal semantics.

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- compress man pages (again).

* Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>

- man pages are compressed

- fix description and summary

*

Tue Jan 4 2000 Bill Nottingham <notting@redhat.com>

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* Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>

- update to 0.15.

* Wed Apr 7 1999 Jeff Johnson <jbj@redhat.com>

- tftpd should truncate file when overwriting (#412)

* Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>

- auto rebuild in the new build environment (release 22)

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- compile for 6.0.

* Fri Aug 7 1998 Jeff Johnson <jbj@redhat.com>

- build root

* Mon Apr 27 1998 Prospector System <bugs@redhat.com>

- translations modified for de, fr, tr

* Mon Sep 22 1997 Erik Troan <ewt@redhat.com>

- added check for getpwnam() failure

* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>

- initial build

Found in path(s):

* /tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/tftp.spec.in

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```
/* ----- *
```

```
/*
```

```
/* Copyright 2001 H. Peter Anvin - All Rights Reserved
```

```
/*
```

```
/* This program is free software available under the same license
```

```
/* as the "OpenBSD" operating system, distributed at
```

```
/* http://www.openbsd.org/.
```

```
/*
```

```
/* ----- */
```

Found in path(s):

* /tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/tftpd/tftpd.h

No license file was found, but licenses were detected in source scan.

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.\" documentation and/or other materials provided with the distribution.
.\" 3. Neither the name of the University nor the names of its contributors
.\" without specific prior written permission.

Found in path(s):

* /tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/tftpd/tftpd.8.in

No license file was found, but licenses were detected in source scan.

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* /tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/tftp/tftp.1.in

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Found in path(s):

* /tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/MCONFIG.in

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```
* /tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/tftp/extern.h
* /tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/common/tftpsubs.h
```

1.92 pciutils 3.4.0

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1.93 openssh 9.6p1

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```
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*
* Optimised ANSI C code for the Rijndael cipher (now AES)
*
```

* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image: $(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
`echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM)
-rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

```

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Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes

-

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Gadi Oxman, August 1995

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Theodore Ts'o
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This is the Debian GNU/Linux prepackaged version of the EXT2 file
system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were
written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from <http://sourceforge.net/projects/e2fsprogs>

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>,
from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>,
from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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1.100 pkix ssh 14.4.2

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* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

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Version 3.1, 31 March 2009

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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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Directory native/fdlibm

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David Megginson,
sax@megginson.com
1998-05-11

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* m4/ax_func_which_gethostbyname_r.m4

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```
@c Local Variables:
@c ispell-local-dict: "ispell-dict"
@c End:
```

```
@c man end
```

1.103 net-snmp 5.9.4.pre2

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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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- *
- * M. Welsh, 6 July 1996
- *
- *
- * /

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1.105 libubus 2015-05-25

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* /ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/libubus.h
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* /ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/libubus-internal.h
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* /ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/examples/count.h
* /ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/ubusd_obj.c
*
/ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/ubusd_event.c
* /ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/ubusmsg.h
* /ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/examples/count.c
* /ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/ubus_common.h
* /ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/cli.c
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