



Open Source Used In IoT Unified Industrial Wireless 17.14

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1.1.1 Available under license :

```
# /*
# * SHA-512
# * Implementation derived from LibTomCrypt (Tom St Denis)
# *
# * LibTomCrypt is a library that provides various cryptographic
# * algorithms in a highly modular and flexible manner.
# *
# * The library is free for all purposes without any express
# * guarantee it works.
# *
# * Tom St Denis, tomstdenis@gmail.com, http://libtomcrypt.org
# */
```

1.2 csrp 1.0

1.2.1 Available under license :

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1.3 libtommath 0.42.0

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LibTomMath is hereby released into the Public Domain.

-- Tom St Denis

1.4 libvirt 1.2.15

1.4.1 Available under license :

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Version 2.1, February 1999

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1.6 enum34 1.1.6

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1.7 zlib 1.2.3

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```
/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.11, January 15th, 2017
```

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1.8 rsync 3.1.3

1.9 bzip2 1.0.8

1.10 ebttables 2.0.10

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1.11 json-c 0.99.8

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1.12 glibc 2.23

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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.

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.

@item

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

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directing the user to the copy of
this License. Also, you must do one
of these things:

@enumerate a

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

@item

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.

@item

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.

@item

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.

@item

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

@end enumerate

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

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@enumerate a

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

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@subheading END OF TERMS AND CONDITIONS

@page

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@smallexample

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Ty Coon, President of Vice
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1.15 popt 1.16

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1.17 wpa-supPLICANT 2.9

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1.23 libffi 3.0.13

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1.24 dosfs-tools 4.1

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1.26 libcap-ng 0.7.3

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39. [42]Jeffrey Mogul <mogul@pa.dec.com> ntptrace utility
40. [43]Tom Moore <tmoore@fieval.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
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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 Snchez <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
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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
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1.31 pcre 10.35

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THE BASIC LIBRARY FUNCTIONS

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1.32 libxml 2.3.0

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```

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```
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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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Linus Torvalds

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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
```

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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 \$Revision: 1.1 \$ \$Date: 1999/08/20 11:00:11 \$

*

* 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
- *
- *
- */

Contributors to bttv:

Michael Chu <mmchu@pobox.com>
 AverMedia fix and more flexible card recognition

Alan Cox <alan@redhat.com>
 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
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Because

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ConferenceTV card

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

/* 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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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.

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for his work on the initial Linux DVB driver

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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.)

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

(If you think you should be in this list, but you are not, drop
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1.38 tcpdump 4.9.3

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1.39 netbsd-resolv 2.23

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Description: Don't warn for _BSD_SOURCE || _SVID_SOURCE, drop post-vivid

Author: Adam Conrad <adconrad@ubuntu.com>

```
--- glibc-2.21.orig/include/features.h
+++ glibc-2.21/include/features.h
@@ -145,7 +145,10 @@
     transitioned to use the new macro. */
 #if (defined _BSD_SOURCE || defined _SVID_SOURCE) \
```

```
&& !defined _DEFAULT_SOURCE
+/* Don't #warn about _BSD_SOURCE || _SVID_SOURCE, as it breaks -Werror
+ and we don't have time to check/fix everything before vivid release
# warning "_BSD_SOURCE and _SVID_SOURCE are deprecated, use _DEFAULT_SOURCE"
+*/
# undef _DEFAULT_SOURCE
# define _DEFAULT_SOURCE 1
#endif
```

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1.42 libconfig 1.4.9

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Upstream-Name: ls-config
Source: <https://github.com/lucas-net-pl/ls-config>

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@c

@c %**start of header

@c All text is ignored before the setfilename.

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1.43 libnl3 3.2.21

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

1.44 lua 5.4.2

1.44.1 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):

* /opt/cola/permits/1117084974_1608110407.29/0/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",
```

```

"% l\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 &ndash; ", 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"&middledot;&middledot;&middledot;",
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 apiCmd, ne = string.match(e, "^(.-</span>)(.*)")
    --io.stderr:write(e)
    if not apiCmd then
        return antipara(Tag.hr() .. Tag.h3(a)
            .. Tag.pre(h) .. e
        )
    else
        return antipara(Tag.hr() .. Tag.h3(a) .. apiCmd .. 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)
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):
```

```
*
```

/opt/cola/permits/1117084974_1608110407.29/0/lua-lua-v5-4-2-0-g9d067ab-tar-gz/lua-lua-9d067ab/manual/2html

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Found in path(s):

* /opt/cola/permits/1117084974_1608110407.29/0/lua-lua-v5-4-2-0-g9d067ab-tar-gz/lua-lua-9d067ab/testes/all.lua

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Found in path(s):

* /opt/cola/permits/1117084974_1608110407.29/0/lua-lua-v5-4-2-0-g9d067ab-tar-gz/lua-lua-9d067ab/lua.h

1.45 json-cpp 1.6.2

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1.46 websocket-client 0.47.0

1.46.1 Available under license :

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1.47 opkg 0.1.8

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1.48 dmalloc 5.5.2

1.48.1 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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1.49 libestr 0.1.11

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1.56 mtd-utils 1.5.1

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1.57 backports-functools-lru-cache 1.5

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1.58 pyserial 2.7

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1.59 pycurl 7.43.0

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Version 2.1, February 1999

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify  
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the Free Software Foundation; either version  
2 of the License, or  
(at your option) any later version.
```

```
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MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the  
GNU General Public License for more details.
```

```
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along with this program; if not, write to the Free Software  
Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
```

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```
Gnomovision version 69, Copyright (C) 19yy name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
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```

The hypothetical commands

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`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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

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.

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The "Library", below, refers to any such software library or work which has been

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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.

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

1.62 tdb 1.42.12

1.62.1 Available under license :

```
#!/usr/bin/env python3
# Some simple tests for the Python bindings for TDB
# Note that this tests the interface of the Python bindings
# It does not test tdb itself.
#
# Copyright (C) 2007-2008 Jelmer Vernooij <jelmer@samba.org>
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1.64 ncurses 6.3

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-- \$Id: COPYING,v 1.10 2021/01/01 09:54:30 tom Exp \$
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1.65 cheroot 6.4.0

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1.66 safeclib 4.1.9

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1.67 wireless-tools 29

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Ty Coon, President of Vice
@end smallexample
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1.71 wsgiref 0.1.2

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Found in path(s):

* /opt/cola/permits/1403963770_1661913703.6112542/0/wsgiref-0-1-2-2-zip/wsgiref-0.1.2/wsgiref/validate.py

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Metadata-Version: 1.0

Name: wsgiref

Version: 0.1.2

Summary: WSGI (PEP 333) Reference Library

Home-page: <http://cheeseshop.python.org/pypi/wsgiref>

Author: Phillip J. Eby

Author-email: web-sig@python.org

License: PSF or ZPL

Description: This is a standalone release of the ``wsgiref`` library to be included in Python 2.5. For the standalone version's documentation, see:

HTML

http://peak.telecommunity.com/wsgiref_docs/

PDF

<http://peak.telecommunity.com/wsgiref.pdf>

Platform: UNKNOWN

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* /opt/cola/permits/1403963770_1661913703.6112542/0/wsgiref-0-1-2-2-zip/wsgiref-0.1.2/wsgiref.egg-info/PKG-INFO

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1.72 zlib 1.2.13

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1.73 pkix-ssh 13.5

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* @version 3.0 (December 2000)

*

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*

* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

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

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Ty Coon, President of Vice
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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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* Heuristic detection of sub-messages when printing unknown fields in text format.

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* Added generation of field number constants.

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* Fixed initialization ordering problem in logging code.

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- * Small patch improving performance of in Python serialization.

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

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

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- * HPUX support.

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- * 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.

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- * Added CodedInputStream.getTotalBytesRead().

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

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

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

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- * Provide a type alias field ValueType on EnumTypeWrapper
- * Match service argument names to abstract interface

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1.81 libfastjson 0.99.8

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1.82 libsemanage-common 2.8

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Any

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*/

Found in path(s):

* /opt/cola/permits/1723834055_1687183247.6822069/0/dcm-spice-yajl-2-1-0-0-g88d7964-tar-gz/dcm-spice-yajl-64437c8/include/yajl/yajl_tree.h

1.91 libvirt-python 1.2.15

1.91.1 Available under license :

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Version 2.1, February 1999

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* /opt/cola/permits/1755469605_1693800248.843109/0/netbsd-resolv-tar/resolv/gai_notify.c

* /opt/cola/permits/1755469605_1693800248.843109/0/netbsd-resolv-tar/resolv/gai_misc.h

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*

/opt/cola/permits/1755469605_1693800248.843109/0/netbsd-resolv-tar/resolv/ns_netint.c

* /opt/cola/permits/1755469605_1693800248.843109/0/netbsd-resolv-tar/resolv/ns_parse.c

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/* Tests for res_query in libresolv

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/* BZ #17977 _res_hconf_reorder_addrs test.

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*

*/opt/cola/permits/1755469605_1693800248.843109/0/netbsd-resolv-tar/resolv/res_data.c

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<<http://www.gnu.org/licenses/>>. */

/* Copyright (c) 1993 Carlos Leandro and Rui Salgueiro

* Dep.

Matematica Universidade de Coimbra, Portugal, Europe

*

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1.93 ntpclient 2010-365

1.93.1 Available under license :

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```
/*
 * ntpclient.c - NTP client
 *
 * Copyright (C) 1997, 1999, 2000, 2003, 2006, 2007, 2010 Larry Doolittle <larry@doolittle.boa.org>
 *
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 *
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 * but WITHOUT ANY WARRANTY; without even the implied warranty of
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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):

```
* /opt/cola/permits/1755469597_1693800303.0886743/0/ntpclient-2010-bcm32-tar/ntpclient-2010/ntpclient.c
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```
* 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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* reference.
```

```
*
```

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```

```
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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
```

```
*/
```

Found in path(s):

* /opt/cola/permits/1755469597_1693800303.0886743/0/ntpclient-2010-bcm32-tar/ntpclient-2010/adjtimex.c

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Found in path(s):

* /opt/cola/permits/1755469597_1693800303.0886743/0/ntpclient-2010-bcm32-tar/ntpclient-2010/ntpclient.1

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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 :-(

*/

Found in path(s):

* /opt/cola/permits/1755469597_1693800303.0886743/0/ntpclient-2010-bcm32-tar/ntpclient-2010/phaselock.c

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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.

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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 sill 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 vapier
- 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):

* /opt/cola/permits/1755469597_1693800303.0886743/0/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):

* /opt/cola/permits/1755469597_1693800303.0886743/0/ntpclient-2010-bcm32-tar/ntpclient-2010/ipkg-ax-bcm32/ntpclient/CONTROL/control

1.94 libnettle6 3.5.1

1.94.1 Available under license :

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Version 2, June 1991

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```
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1.97 cyrus-sasl 2.1.28

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1.102 curl 7.88.1

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1.103 net-snmp 5.9.1

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Python was created in the early 1990s by Guido van Rossum at Stichting
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 as a successor of a language called ABC. Guido remains Python's
 principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
 National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>)
 in Reston, Virginia where he released several versions of the
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In May 2000, Guido and the Python core development team moved to
 BeOpen.com to form the BeOpen PythonLabs team. In October of the same
 year, the PythonLabs team moved to Digital Creations, which became
 Zope Corporation. In 2001, the Python Software Foundation (PSF, see
<https://www.python.org/psf/>) was formed, a non-profit organization
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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now		

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1.106 e2fsprogs 1.42.12

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were written by Theodore Ts'o <tytso@mit.edu> and Remy Card
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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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```

```
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Ty Coon, President of Vice
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```

DAMAGE.
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# 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) $(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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Theodore Ts'o
23-June-2007

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

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1.107 busybox 1.32.1

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1.111 memcached 1.5.7

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1.112 util-linux 2.30.2

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it  
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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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1.113 pcre 8.44

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1.114 libjitterentropy 3.4.1

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```

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1.116 iputils 20101006

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 */
```

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```
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* @(#)tftp.h 8.1 (Berkeley) 6/2/93
*/

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s20101006/doc/clockdiff.sgml
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s20101006/doc/tracepath.sgml
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s20101006/doc/traceroute6.sgml
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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.

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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\' unless \\\$newline_last++; output '$s'; }"));
    } else {
        sgml($_[0], eval("sub { output '\\\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($_->in('REFERENCE') or $_->in('BOOK')) {
    # We use TITLE of enclosing Reference or Book as manual name
    $manpage_manual = $title;
    $write_manpages = 0;
  }
  elsif(exists $_->parent->ext->{'title'}) {
    # By far the easiest case. Just fold the string as
    # above, and then set the parent element's variable.
    $_->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 { $_->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
# CONTRIBUTION
# 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
```

```
#####
```

```
#
# Other handlers
```

```

#
#####

man_sgml('[lt
    ]', '<');
man_sgml('[gt ]', '>');
man_sgml('[amp ]', '&');

#
# Default handlers (uncomment these if needed). Right now, these are set
# up to gag on any unrecognised elements, sdata, processing-instructions,
# or entities.
#
# sgml('start_element',sub { die "Unknown element: " . $_[0]->name; });
# sgml('end_element',"");

# This is for weeding out and escaping certain characters.
# This looks like it's inefficient since it's done on every line, but
# in reality, SGMLSpm and sgmlspl parsing ESIS takes _much_ longer.

sgml('cdata', sub
{
    if(!$write_manpages) { return; }
    elsif($raw_cdata) { output $_[0]; return; }

# Escape backslashes
$_[0] =~ s/\\|\/|/g;

# In non-'pre'-type elements:
if(!$nocollapse_whitespace) {
    # Change tabs to spaces
    $_[0] =~ tr/t/ /;

# Do not allow indents at beginning of line
# groff chokes on that.
if($newline_last) {
    $_[0] =~ s/^ +//;

# If the
line is all blank, don't do anything.
if($_[0] eq "") { return; }

$_[0] =~ s/^\.\|&\/;

# Argh... roff doesn't like ' either...
$_[0] =~ s/^\|&\/;
}
}

```

```

$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):

```

* /opt/cola/permits/1826454257_1697752738.11816/0/iputils-s20101006-tar-gz/iputils-
s20101006/doc/docbook2man-spec.pl

```

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

```

/*

```

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- * Mike Muuss.
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* SUCH DAMAGE.

*/

/*

* 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):

* /opt/cola/permits/1826454257_1697752738.11816/0/iputils-s20101006-tar-gz/iputils-s20101006/ping.c

* /opt/cola/permits/1826454257_1697752738.11816/0/iputils-s20101006-tar-gz/iputils-s20101006/ping6.c

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

/*

* tracepath.c

*

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* modify it under the terms of the GNU General Public License

* as published by the Free Software Foundation; either version
* 2 of the License, or (at your option) any later version.
*
* Authors: Alexey Kuznetsov, <kuznet@ms2.inr.ac.ru>
*/

Found in path(s):

* /opt/cola/permits/1826454257_1697752738.11816/0/iputils-s20101006-tar-gz/iputils-s20101006/tracepath.c
No license file was found, but licenses were detected in source scan.

/*

* tracepath6.c

*

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* modify it under the terms of the GNU General Public License
* as published by the Free Software Foundation; either version
* 2 of the License, or (at your option) any later version.
*
* Authors: Alexey Kuznetsov, <kuznet@ms2.inr.ac.ru>
*/

Found in path(s):

* /opt/cola/permits/1826454257_1697752738.11816/0/iputils-s20101006-tar-gz/iputils-s20101006/tracepath6.c
No license file was found, but licenses were detected in source scan.

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Found in path(s):

* /opt/cola/permits/1826454257_1697752738.11816/0/iputils-s20101006-tar-gz/iputils-s20101006/doc/tftpd.sgml
No license file was found, but licenses were detected in source scan.

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Found in path(s):

* /opt/cola/permits/1826454257_1697752738.11816/0/iputils-s20101006-tar-gz/iputils-s20101006/doc/ping.shtml

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

/* pg3.c: Packet Generator for packet performance testing.

*

* Copyright 2001 by Robert Olsson <robert.olsson@its.uu.se>

*

Uppsala University, Sweden

*

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* it under the terms of the GNU General Public License as published by

* the Free Software Foundation; either version 2 of the License, or

* (at your option) any later version.

*

*

*

*/

Found in path(s):

* /opt/cola/permits/1826454257_1697752738.11816/0/iputils-s20101006-tar-gz/iputils-s20101006/Modules/pg3.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
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*/

Found in path(s):

* /opt/cola/permits/1826454257_1697752738.11816/0/iputils-s20101006-tar-gz/iputils-s20101006/tftpd.c
*
/opt/cola/permits/1826454257_1697752738.11816/0/iputils-s20101006-tar-gz/iputils-s20101006/tftpsubs.c
No license file was found, but licenses were detected in source scan.

/*
* arping.c
*
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* modify it under the terms of the GNU General Public License
* as published by the Free Software Foundation; either version
* 2 of the License, or (at your option) any later version.
*
* Authors: Alexey Kuznetsov, <kuznet@ms2.inr.ac.ru>
*/

Found in path(s):

* /opt/cola/permits/1826454257_1697752738.11816/0/iputils-s20101006-tar-gz/iputils-s20101006/arping.c

1.117 tftp-hpa 5.2

1.117.1 Available under license :

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Found in path(s):

```
* /opt/cola/permits/1833546142_1698379726.218706/0/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.

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):

```
* /opt/cola/permits/1833546142_1698379726.218706/0/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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```

Found in path(s):

```
* /opt/cola/permits/1833546142_1698379726.218706/0/tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/tftp/tftp.1.in
```

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

```
/* *_- 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):

```
* /opt/cola/permits/1833546142_1698379726.218706/0/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.

```
/* ----- *
*
* Copyright 2001-2007 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):

* /opt/cola/permits/1833546142_1698379726.218706/0/tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/tftpd/remap.h

* /opt/cola/permits/1833546142_1698379726.218706/0/tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/tftpd/remap.c

* /opt/cola/permits/1833546142_1698379726.218706/0/tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/tftpd/misc.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: @@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)

- * 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):

* /opt/cola/permits/1833546142_1698379726.218706/0/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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* /opt/cola/permits/1833546142_1698379726.218706/0/tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/tftpd/recvfrom.c

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*

/opt/cola/permits/1833546142_1698379726.218706/0/tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/common/tftpsubs.h

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- *
- /opt/cola/permits/1833546142_1698379726.218706/0/tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/tftp/main.c
- * /opt/cola/permits/1833546142_1698379726.218706/0/tftp-hpa-5-2-r0-tar-bz2/tftp-hpa-5.2-r0/tftp-hpa-5.2/tftp-hpa-5.2/tftp/tftp.c

1.118 php 7.4.29

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1.120 netbsd-resolv 2.23

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Description: Don't warn for _BSD_SOURCE || _SVID_SOURCE, drop post-vivid

Author: Adam Conrad <adconrad@ubuntu.com>

```
--- glibc-2.21.orig/include/features.h
+++ glibc-2.21/include/features.h
@@ -145,7 +145,10 @@
     transitioned to use the new macro. */
#if (defined _BSD_SOURCE || defined _SVID_SOURCE) \
    && !defined _DEFAULT_SOURCE
+/* Don't #warn about _BSD_SOURCE || _SVID_SOURCE, as it breaks -Werror
+ and we don't have time to check/fix everything before vivid release
# warning "_BSD_SOURCE and _SVID_SOURCE are deprecated, use _DEFAULT_SOURCE"
+*/
# undef _DEFAULT_SOURCE
# define _DEFAULT_SOURCE 1
#endif
```

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