



Open Source Used In IoT Unified Industrial Wireless 17.18

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Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<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  
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.
```

```
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MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the  
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```

```
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along with this program; if not, write to the Free Software  
Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
```

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If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
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  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
'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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If this is what you want to do, use the GNU Library General Public License instead of this License.

1.6 dmalloc 5.5.2

1.7 json-c 0.99.8

1.7.1 Available under license :

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1.8 glibc 2.23

1.8.1 Available under license :

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@center Version 2.1, February 1999

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

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The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a ``work based on the library" and a ``work that uses the library". The former

contains code derived from the library, whereas the latter must be combined with the library in order to run.

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@enumerate 0

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

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@enumerate a

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@item

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You must

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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@item

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

Otherwise,
if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

@item

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this License. Also, you must do one of these things:

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@item

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@item

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@item

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@item

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

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1.14 json-c 0.12

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1.15 jansson 2.10

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1.16 libpcap 1.9.1

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1.17 dosfs-tools 4.1

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```
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```

```
<signature of Ty Coon>, 1 April 1989
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1.25 pcre 10.35

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THE BASIC LIBRARY FUNCTIONS

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1.26 libxml 2.3.0

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1.27 libssh2 1.9.0

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1.28 openosc 1.0.3

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1.29 linux-kernel 4.1.52

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ConferenceTV card

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

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

*

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

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

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

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

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

* and spelling mistakes.

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

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

* re-established. (put back CFG_PHYIE)

*

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

*

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

*

* Linux driver for the IDT77201 NICStAR PCI ATM controller.

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

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

* expects the Linux ATM stack to support scatter-gather

lists

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

*

* Implementing minimal-copy of received data:

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

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

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

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

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

- * copy small buffer contents to head of large buffer.
- * Trick is to avoid fragmenting Linux, due to need for a lot of large
- * buffers. This is done by 2 things:
- * 1) skb->destructor / skb->atm.recycle_buffer
- * combined, allow nicstar_free_rx_skb to be called to
- * recycle large data buffers
- * 2) skb_clone of received buffers
- * See nicstar_free_rx_skb and linearize_buffer for implementation
- * details.
- *
- *
- *
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- *
- * M. Welsh, 6 July 1996
- *
- *
- */

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for the initial saa7146 driver and its recent overhaul

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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 patching the cable card decoder driver

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for the nxt2004 frontend driver

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

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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```
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The

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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Version 3, 29 June 2007

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1.32 libyaml 0.2.5

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1.33 elfutils 0.172

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1.34 kexec-tools 2.0.18

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1.35 libconfig 1.4.9

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@center Version 2.1, February 1999

@sp 1

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@center Preamble

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We call this license the ``Lesser'' General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an

advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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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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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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a) Accompany

the work with the complete corresponding

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the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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

That's all there is to it!

1.37 lua 5.4.2

1.37.1 Available under license :

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

Lua is free software,
more details.

Found in path(s):

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

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

#!/usr/bin/env lua5.3

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

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

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

<body bgcolor="#FFFFFF">

<hr>
```

```

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

```

by Roberto Ierusalimsky, Luiz Henrique de Figueiredo, Waldemar Celes

```

<p>
<small>
<a href="http://www.lua.org/copyright.html">Copyright</a>
&copy; 2020 Lua.org, PUC-Rio. All rights reserved.
</small>
<hr>

```

```

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

```

```

]]

```

```

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

```

```

local seefmt = '(see %s)'

```

```

if arg[1] == 'port' then
seefmt = '(ver %s)'
header = string.gsub(header, "by (.-)\n",
"%1\n<p>Tradu&ccedil;&atilde;o: S&eacute;rgio Queiroz de Medeiros", 1)
header = string.gsub(header, "Lua (%d+.%d+) Reference Manual",
"Manual de Refer&ecirc;ncia de Lua %1")
header = string.gsub(header, "All rights reserved",
"Todos os direitos reservados")
end

```

```

-----

```

```

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

```

```

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

```

```

local Tag = {}

```

```

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

```

```

-----
local labels = {}

```

```

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

```

```

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

```

```

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

```

```

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

```

```

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

```

```

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

```

```

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

```

```

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

```

```

local line = Tag.hr(nil)

```

```

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

```

```

local Glists = 0
local listings = {}

```

```

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

```

```

-----
local counters = {

```

```

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

```

```

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

```

```

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

```

```

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

```

```

local function id (x) return x end

```

```

local function prepos (x, y)
assert(x and y)
return function (s) return string.format("%s%s%s", x, s, y) end
end

```

```

local rw = Tag.b

```

```

local function LuaName (name)
return Tag.code(name)
end

```

```

local function getparam (s)
  local i, e = string.find(s, "^[^%s@|]+|")
  if not i then return nil, s
  else return string.sub(s, i, e - 1), string.sub(s, e + 1)
  end
end

local function gettitle (h)
  local title, p = assert(string.match(h, "<title>(.-)</title>()"))
  return title, string.sub(h,
  p)
end

local function getparamtitle (what, h, nonum)
  local label, title, c, count
  label, h = getparam(h)
  title, h = gettitle(h)
  if not nonum then
    count = getcounter(what)
    inccounter(what)
    c = string.format("%s &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 "&#x2014;&#x2014;&#x2014;",
Close = fixed "}",
col = Tag.td,
defid = function (name)
    local l = lua2link(name)
    local c = Tag.code(name)
    return anchor(c, l, l, c)
end,
def = Tag.em,
description = compose(nopara, Tag.ul),
Em = fixed ("\\4" .. "&mdash;" .. "\\4"),
emph = Tag.em,
emphx = Tag.em, -- emphasis plus index (if there was an index)

```



```

En = fixed("&ndash;"),
format = fixed"",
["false"] = fixed(Tag.b"false"),
id = Tag.code,
idx = Tag.code,
index = fixed"",
Lidx = fixed"", -- Tag.code,
ldots
    = fixed"... ",
x = id,
itemize = compose(nopara, Tag.ul),
leq = fixed"&le;",
Lid = function (s)
    return makeref(lua2link(s))
end,
M = Tag.em,
N = function (s) return (string.gsub(s, " ", "&nbsp;")) end,
NE = id, -- tag"foreignphrase",
num = id,
["nil"] = fixed(Tag.b"nil"),
fail = fixed(Tag.b"fail"),
Open = fixed"{",
part = section("h1", true),
Pat = compose(verbfixed, prepos("", "")),
preface = section("h1", true),
psect = section("h2", true),
Q = prepos("", ""),
refchp = makeref,
refcode = makeref,
refsec = makeref,

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

```

T = verb,

item = function (s)

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

verbatim = verbatim,

manual = id,

-- for the manual

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

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

See = makeref,

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

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

APIEntry = function (e)

local h, name

h, e = string.match(e, "^%s*(.)%s*|(.*)\$")

name = string.match(h, "(luaL?_[%w_]+)%)? +%(") or

string.match(h, "luaL?_[%w_]+")

local a = anchor(Tag.code(name), name, name, Tag.code(name))

local apiicmd, ne = string.match(e, "^(./)(.*)")

--io.stderr:write(e)

if not apiicmd then

return antipara(Tag.hr() .. Tag.h3(a))

.. Tag.pre(h) .. e

else

return antipara(Tag.hr() .. Tag.h3(a)) .. apiicmd .. Tag.pre(h) .. ne

```

end
end,

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

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

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

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

local function trata (t)
    t = string.gsub(t, "@(%w+)(%b{})", function (w, f)

```

```

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

```

```

-----
-----

```

```

-- read whole book
t = io.read"*a"

```

```

t = string.gsub(t, "[<>&\128-\255]",
{["<"] = "&lt;";
[">"] = "&gt;";
["&"] = "&amp;";
["\170"] = "&ordf;";
["\186"] = "&ordm;";
["\192"] = "&Agrave;";
["\193"] = "&Aacute;";
["\194"] = "&Acirc;";
["\195"] = "&Atilde;";
["\199"] = "&Ccedil;";
["\201"] = "&Eacute;";
["\202"] = "&Ecirc;";
["\205"] = "&Iacute;";
["\211"] = "&Oacute;";
["\212"] = "&Ocirc;";
["\218"] = "&Uacute;";
["\224"] = "&agrave;";
["\225"] = "&aacute;";
["\226"] = "&acirc;";
["\227"] = "&atilde;";
["\231"] = "&ccedil;";
["\233"] = "&eacute;";
["\234"] = "&ecirc;";
["\237"] = "&iacute;";
["\243"] = "&oacute;";
["\244"] = "&ocirc;";
["\245"] = "&otilde;";
["\250"] = "&uacute;";
["\252"] = "&uuml;";

```

```

}))

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

-- complete macros with no arguments
t = string.gsub(t, "(@%w+)([^{%w}]", "%1{%}%2")

t = trata(t)

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

-- remove extra space (??)
t = string.gsub(t, "%s*\\4%s*", "")

t = nopara(t)

-- HTML 3.2 does not need </p> (but complains when it is in wrong places :)
t = string.gsub(t, "</p>", "")

io.write(header, t, footer)

```

Found in path(s):

*

/lua-lua-v5-4-2-0-g9d067ab-tar-gz/lua-lua-9d067ab/manual/2html

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```

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```
* /lua-lua-v5-4-2-0-g9d067ab-tar-gz/lua-lua-9d067ab/lua.h
```

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]]

```

Found in path(s):

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

1.38 json-cpp 1.6.2

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1.39 opkg 0.1.8

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1.41 jquery 3.6.0

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1.42 autogen 5.18.16

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Version 3, 29 June 2007

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1.44 psutil 5.6.7

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1.45 mtd-utils 1.5.1

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```
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```

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1.46 procps 3.2.8

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1.47 procps 3.2.7

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1.48 tdb 1.45.5

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1.50 ncurses 6.3

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1.51 wireless-tools 29

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1.61 protobuf 3.21.12

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- * Fix compiler to not make output executable.

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- * Heuristic detection of sub-messages when printing unknown fields in text format.

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- * Added @Override annotation to generated Java code where appropriate.

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- * Solaris 10 + Sun Studio fixes.

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

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

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- * gzip/zlib I/O support.

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

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- * Fixed initialization ordering problem in logging code.

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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.

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- * 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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Any executables

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

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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1.64 libfastjson 0.99.8

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1.65 libsemanage-common 2.8

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Any

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

*

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1.74 iw 5.16

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1.78 cyrus-sasl 2.1.28

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1.79 dnsmasq 2.85

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <https://www.cwi.nl>) in the Netherlands 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 <https://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

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 created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All

Python releases are Open Source (see <https://opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
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		
PSF				yes

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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

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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

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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1.88 memcached 1.5.7

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

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1.89 util-linux 2.30.2

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

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

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

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

```
set -e
```

```
calculate_md5_sum() {
```

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

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

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

```
    # Convert to lowercase
```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```
    # Output the MD5 sum
```

```
    echo "$MD5SUM"
```

```
}
```

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

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

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

```
exit 1
```

```
fi
```

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

```
calculate_md5_sum "$1"
```

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

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

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

```
A0mImImI...
```

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

```
;9GimCN7g
```

```

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

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

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

!"#$%&'()*+,-
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1.90 pcre 8.44

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Written by: Philip Hazel
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 */

Found in path(s):

*

/iputils-s20101006-tar-gz/iputils-s20101006/traceroute6.c

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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*

*

*
*/

Found in path(s):

* /iputils-s20101006-tar-gz/iputils-s20101006/Modules/pg3.c

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Found in path(s):

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

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```
/*
 * rarpd.c RARP daemon.
 *
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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):

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

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

=head1 NAME

docbook2man-spec - convert DocBook RefEntries to Unix manpages

=head1 SYNOPSIS

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

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

=head1 DESCRIPTION

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

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

=head1 LIMITATIONS

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

This program is a slow, dodgy Perl script.

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

=head1 TODO

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

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

=head1 COPYRIGHT

Copyright (C) 1998-1999 Steve Cheng <steve@ggi-project.org>

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=cut

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

```

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

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

$write_manpages = 0;
$blank_xrefs = 0;

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

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

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

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

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

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

```

```

my $s = $_[1];

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

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

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

    output $_;

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

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

```

```

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

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

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

return $_;
}

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

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

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

sub font_off()
{

```

```

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

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

  $newline_last = 0;
}
}

#####
#
#
Manpage management
#
#####

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

$write_manpages = 1; # Currently writing manpage.

$nocollapse_whitespace = 0; # Current whitespace collapse counter.
$newline_last = 1; # At beginning of line?
# Just a bit of warning, you will see this variable manipulated
# manually a lot. It makes the code harder to follow but it
# saves you from having to worry about collapsing at the end of
# parse, stopping at verbatims, etc.
$raw_cdata = 0; # Instructs certain output functions to
# leave CDATA alone, so we can assign
# it to a string and process it, etc.
@fontstack = (); # Fonts being activated.

$manpage_title = ""; # Needed for indexing.
$manpage_sect = "";
@manpage_names = ();

$manpage_misc = ";

```

```

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

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

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

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

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

  output '.TH "';

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

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

  $newline_last = 1;

  # References to this RefEntry.

```

```

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

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

```

```

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

```

```

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

```

```

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

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

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

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

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

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

    $newline_last = 1;

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

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

#RefDescriptor

#####

```



```

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

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

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

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

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

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

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

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

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

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

```

```

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

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

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

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

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

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

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

```

```

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

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

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

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

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

```

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

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

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

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

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

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

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

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

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

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

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

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

#
```

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

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

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

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

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

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

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

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

```
#
#####

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

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

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

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

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

# No special presentation:

# AUTHOR
# AUTHORINITIALS

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

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

# DATABASE
# HARDWARE
# INTERFACE
# MEDIALABEL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



```

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

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

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

    indent_block_start();

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

    output $content;

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

    indent_block_end();
});

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

    indent_block_start();

```

```

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

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

indent_block_end();
}

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

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

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

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

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

```

```

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

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

```

```

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

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

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

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

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

```

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

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

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

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

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

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

```

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

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

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

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

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

```

```

}

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

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

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

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

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

# Address blocks:

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

```

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

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

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

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

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

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

```
# Anchor
```

```
#####
```

```

#
# 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):
* /iputils-s20101006-tar-gz/iputils-s20101006/doc/docbook2man-spec.pl
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*

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

*/

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* /iputils-s20101006-tar-gz/iputils-s20101006/tftp.h

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* tracepath.c

*

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*

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

*/

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

Found in path(s):

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

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

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

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

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

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

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

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

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

1.94 tftp-hpa 5.2

1.94.1 Available under license :

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in path(s):

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

*

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

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

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```

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

```

Found in path(s):

```

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

```

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

Name: tftp

Version: 5.2

Release: 1

License: BSD

Group: Applications/Internet

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

BuildRequires: tcp_wrappers-devel

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

%description

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

%package server

Group: System Environment/Daemons

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

Requires: xinetd

%description server

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

%prep

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

```

%build

%configure
make %{?_smp_mflags}

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

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

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

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

%clean
rm -rf ${RPM_BUILD_ROOT}

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

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

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

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

```


- rebuilt

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

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

- * Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

- * Sun Feb 23 2003 Tim Powers <timp@redhat.com>
- add BuildPreReq on tcp_wrappers

- * Wed Jan 22 2003 Tim Powers <timp@redhat.com>
- rebuilt

- * Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1
- Update to 0.32

- * Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1
- Fix #55789
- Update to 0.30

- * Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>
- Try applying HJ's patch from #65476

- * Fri Jun 21 2002 Tim Powers <timp@redhat.com>
- automated rebuild

- * Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>
- Update to 0.29

- * Thu May 23 2002 Tim Powers <timp@redhat.com>
- automated rebuild

- * Wed Jan 09 2002 Tim Powers <timp@redhat.com>
- automated rebuild

- * Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15
- Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562
- Update to tftp-hpa-0.28 (bug #56131)
- Remove include/arpa/tftp.h to fix #57259
- Add resource limits in tftp-xinetd (#56722)

- * Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>

- Bump release + rebuild.

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

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

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

- rebuilt in 7.1.x

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

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

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

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

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

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

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

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

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

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

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

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

* Wed Aug 23 2000

Nalin Dahyabhai <nalin@redhat.com>

- default to being disabled

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

- correct group.

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

- change user from root to nobody

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

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

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

- translations modified for de, fr, tr

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

- added check for getpwnam() failure

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

- initial build

Found in path(s):

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

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):

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

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

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

Name: tftp

Version: @@VERSION@@

Release: 1

License: BSD

Group: Applications/Internet

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

BuildRequires: tcp_wrappers-devel

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

%description

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

%package server

Group: System Environment/Daemons

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

Requires: xinetd

%description server

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

%prep

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

%build

%configure

make %{?_smp_mflags}

%install

rm -rf \${RPM_BUILD_ROOT}

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

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

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

make INSTALLROOT=\${RPM_BUILD_ROOT} \

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

install

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

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

%post server

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

%postun server

if [\$1 = 0]; then

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

fi

%clean

rm -rf \${RPM_BUILD_ROOT}

%files

%defattr(-,root,root)

%{_bindir}/tftp

%{_mandir}/man1/*

%files

```

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

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

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

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

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

* 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>

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

- add server_args (#14003).

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

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* 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

*

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

* Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>

- compile for 6.0.

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

- build root

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

- translations modified for de, fr, tr

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

- added check for getpwnam() failure

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

- initial build

Found in path(s):

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

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

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

```
*
```

```
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```

```
*
```

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

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

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

```
*
```

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

Found in path(s):

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

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

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Found in path(s):

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

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Found in path(s):

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

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

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Found in path(s):

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

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

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

Found in path(s):

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

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

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

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```
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*/
```

Found in path(s):

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

1.95 pyyaml 5.4.1

1.95.1 Available under license :

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1.96 pciutils 3.4.0

1.96.1 Available under license :

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Version 2, June 1991

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- * Foremost, OpenSSH from which this project is derived.
- * Jamie Beverly
- * Rafael D'Halleweyn - 2011-06-05 18:56:24 EDT
- * Jan-Pieter Cornet (johnpc) - 2012-03-23 03:25:52 PDT
- * chrysn@fsfe.org
- * dfberger@users.noreply.github.com
- * lizf@honeycomb.io

1.98 e2fsprogs 1.45.5

1.98.1 Available under license :

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#

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

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

install-strip: install

install-shlibs-strip:: install-shlibs

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

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

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Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

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

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

*/

/*

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

- trivial database library - private includes

-

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Theodore Ts'o
23-June-2007

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Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

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

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1.105 pkix ssh 14.4.2

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- *
- * Optimised ANSI C code for the Rijndael cipher (now AES)
- *
- * @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
- * @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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/* 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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* /ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/libubus-io.c

* /ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/ubusd.h

* /ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/ubusd.c

* /ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/libubus-req.c

*

/ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/libubus.h

* /ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/libubus-internal.h

* /ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/libubus.c

* /ubus-2015-05-25-f361bfa5fcb2daadf3b160583ce665024f8d108e-tar-gz/ubus-2015-05-25/examples/server.c

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

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* /ubus-2015-0525-tar-gz/ubus-2015-05-25/examples/count.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd_event.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd_id.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/examples/count.h
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd_obj.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/examples/client.c
*
/ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd_id.h
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/cli.c
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* /ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus-internal.h
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus.h
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd_proto.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus-req.c
* /ubus-2015-0525-tar-gz/ubus-2015-05-25/examples/server.c
*
/ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd.h

1.117 hostapd 2.11

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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

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@ignore

@c Set file name and title for man page.

@setfilename gpl

@settitle GNU General Public License

@c man begin SEEALSO

gfdl(7), fsf-funding(7).

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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

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to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

@item

Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

@item

Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

@end enumerate

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@smallexample

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```
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This program comes with ABSOLUTELY NO WARRANTY; for details type @samp{show w}.
This is free software, and you are welcome to redistribute it
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```

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@c man end

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Version 2.1, February 1999

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

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any

executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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- a) Accompany the work with the complete corresponding

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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under the terms of the
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Version 3.1, 31 March 2009

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