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1.4 cron 3.0

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1.5 curl 7.19.4

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```
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```

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<signature of Ty Coon>, 1 April 1989
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```
<HTML>
<HEAD>
<TITLE> Dnsmasq - network services for small networks.</TITLE>
<link rel="icon" href="http://www.thekelleys.org.uk/dnsmasq/images/favicon.ico">
</HEAD>
<BODY BGCOLOR="WHITE">
<table width="100%" border="0" cellpadding="0" cellspacing="0">
<tr>
<td align="left" valign="middle"></td>
<td align="middle" valign="middle"><h1>Dnsmasq</h1></td>
<td align="right" valign="middle"></td></tr>
</table>
```

Dnsmasq provides network infrastructure for small networks: DNS, DHCP, router advertisement and network boot. It is designed to be lightweight and have a small footprint, suitable for resource constrained routers and firewalls. It has also been widely used for tethering on smartphones and portable hotspots, and to support virtual networking in virtualisation frameworks. Supported platforms include Linux (with glibc and uclibc), Android, *BSD, and Mac OS X. Dnsmasq is included in most Linux distributions and the ports systems of FreeBSD, OpenBSD and NetBSD. Dnsmasq provides full IPv6 support.

```
<P>
The DNS subsystem provides a local DNS server for the network, with forwarding of all query types to upstream recursive DNS servers and caching of common record types (A, AAAA, CNAME and PTR, also DNSKEY and DS when DNSSEC is enabled).
```

```
<DIR>
<LI>Local DNS names can be defined by reading /etc/hosts, by importing names from the DHCP subsystem, or by configuration of a wide range of useful record types.</LI>
<LI>Upstream servers can be configured in a variety of convenient ways, including dynamic configuration as these change on moving upstream network.
<LI>Authoritative DNS mode allows local DNS names may be exported to zone in the global DNS. Dnsmasq acts as authoritative server for this zone, and also provides zone transfer to secondaries for the zone, if required.</LI>
<LI>DNSSEC validation may be performed on DNS replies from upstream nameservers, providing security against
```

- spoofing and cache poisoning.
- Specified sub-domains can be directed to their own upstream DNS servers, making VPN configuration easy.
- Internationalised domain names are supported.

</DIR>

<P>

The DHCP subsystem supports DHCPv4, DHCPv6, BOOTP and PXE.

<DIR>

- Both static and dynamic DHCP leases are supported, along with stateless mode in DHCPv6.
- The PXE system is a full PXE server, supporting netboot menus and multiple architecture support. It includes proxy-mode, where the PXE system co-operates with another DHCP server.
- There is a built in read-only TFTP server to support netboot.
- Machines which are configured by DHCP have their names automatically included in the DNS and the names can be specified by each machine or centrally by associating a name with a MAC address or UID in the dnsmasq configuration file.

</DIR>

<P>

The Router Advertisement subsystem provides basic autoconfiguration for IPv6 hosts. It can be used stand-alone or in conjunction with DHCPv6.

<DIR>

- The M and O bits are configurable, to control hosts' use of DHCPv6.
- Router advertisements can include the RDNSS option.
- There is a mode which uses name information from DHCPv4 configuration to provide DNS entries for autoconfigured IPv6 addresses which would otherwise be anonymous.

</DIR>

<P>

For extra compactness, unused features may be omitted at compile time.

<H2>Get code.</H2>

Download dnsmasq here.

The tarball includes this documentation, source, and manpage.

There is also a CHANGELOG and a FAQ.

Dnsmasq has a git repository which contains the complete release history of version 2 and development history from 2.60. You can

browse

the repo, or get a copy using git protocol with the command

```
<PRE><TT>git clone git://thekelleys.org.uk/dnsmasq.git </TT></PRE>
```

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There is a dnsmasq mailing list at

http://lists.thekelleys.org.uk/mailman/listinfo/dnsmasq-discuss which should be the

first location for queries, bugreports, suggestions etc. The list is mirrored, with a

search facility, at

https://www.mail-archive.com/dnsmasq-discuss@lists.thekelleys.org.uk/.

You can contact me at simon@thekelleys.org.uk.

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Dnsmasq is mainly written and maintained by Simon Kelley. For most of its life, dnsmasq has been a spare-time project.

These days I'm working on it as my main activity.

I don't have an employer or anyone who pays me regularly to work on dnsmasq. If you'd like to make a contribution towards my expenses, please use the donation button below.

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<input type="hidden" name="hosted_button_id" value="V3X9GVW5GX6DA">

<input type="image" src="https://www.paypalobjects.com/en_US/GB/i/btn/btn_donateCC_LG.gif" border="0" name="submit" alt="PayPal The safer, easier way to pay online.">

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1.8 email 3.1.2

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

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```
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```

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```
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```

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

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 * =====
 */

1.10 flex 2.5.4a

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1.11 gmp 4.2.1

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```

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1.14 ipsec-tools 0.8.0

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/* $KAME: setkey.c,v 1.36 2003/09/24 23:52:51 itojun Exp $ */
```

```
/*
```

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```
*/
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```
/* A Bison parser, made by GNU Bison 2.4.1. */
```

```
/* Skeleton implementation for Bison's Yacc-like parsers in C
```

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/* As a special exception, you may create a larger work that contains  
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1.15 iptables 1.4.2

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```
/*
```

```
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```

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*
```

```
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```

```
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```

```
*     Marc Boucher <marc+nf@mbsi.ca>
```

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*     James Morris <jmorris@intercode.com.au>
```

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*     Harald Welte <laforge@gnumonks.org>
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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.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

Also add information on how to contact you by electronic and paper mail.

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

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General
Public License instead of this License.

/*

* (C) 2005-2008 by Pablo Neira Ayuso <pablo@netfilter.org>

*

* This software may be used and distributed according to the terms

* of the GNU General Public License, incorporated herein by reference.

*/

1.19 libnfnetlink 1.0.0

1.19.1 Available under license :

/* iftable - table of network interfaces

*

* (C) 2004 by Astaro AG, written by Harald Welte <hwelte@astaro.com>

* (C) 2008 by Pablo Neira Ayuso <pablo@netfilter.org>

*

* This software is Free Software and licensed under GNU GPLv2.

*/

/* IFINDEX handling */

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Version 2, June 1991

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of this license document, but changing it is not allowed.

Preamble

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freedom to share and change it. By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change free
software--to make sure the software is free for all its users. This
General Public License applies to most of the Free Software

Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

 

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0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed

under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on

the Program is not required to print an announcement.)

 

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

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

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

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, 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 executable. 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.

If distribution of executable or 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 counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

¶195;

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

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7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to

refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

¶195;

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END OF TERMS AND CONDITIONS

 

Appendix: How to Apply These Terms to Your New Programs

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

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify 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.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the

GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

Also add information on how to contact you by electronic and paper mail.

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
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

1.20 libnl 1.1

1.20.1 Available under license :

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Version 2.1, February 1999

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59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
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of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

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

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

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is

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

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

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

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

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

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

system.

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

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

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

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

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

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

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

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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

entire whole, and thus to each and every part regardless of who wrote it.

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

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

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

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

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

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

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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

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

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

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

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood

that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) 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.

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

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

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

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install - install a program, script, or datafile

scriptversion=2004-02-15.20

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1.23 mDNSResponder 107.6

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## 1.24 nbtscan 1.0.2

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## 1.26 ntpclient 2000\_345 :DUPLICATE

### 1.26.1 Available under license :

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

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

To build on Linux, type "make". Solaris and other Unix users will probably need to adjust the Makefile slightly. It's not complicated.

Usage: ntpclient [options]

options:

- c count stop after count time measurements (default 0 means go forever)
- d print diagnostics (feature can be disabled at compile time)
- h hostname (mandatory) NTP server host, against which to measure system time
- i interval check time every interval seconds (default 600)
- l attempt to lock local clock to server using adjtimex(2)
- p port local NTP client UDP port (default 0 means "any available")
- r replay analysis code based on stdin
- s simple clock set (implies -c 1)

Mortal users can use this program for monitoring, but not clock setting (with the -s or -l switches). The -l switch has not been well tested. Simulation (with -r) actually looks halfway decent, so locking should be OK too, but it needs some tuning.

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

```
day second elapsed stall skew dispersion freq
51785 180.386 1398.0 40.3 953773.9 793.5 -1240000
51785 780.382 1358.0 41.3 954329.0 915.5 -1240000
51785 1380.381 1439.0 56.0 954871.3 915.5 -1240000
```

day, second: time of measurement

elapsed: total time from query to response (microseconds)

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

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

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

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

test.dat is suitable for piping into ntpclient -r. I have over 53000 samples (lines) archived for study, that I don't include here. They are spaced 10 minutes apart, representing over a year of data logging (not continuous, unfortunately).

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

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

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\* include/libbsdkey/libpfkey.h, lib/libbsdkey/\*, lib/liblwres/getnameinfo.c

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lib/libcrypto/libblowfish/blowfish.h, lib/libcrypto/libblowfish/bf\_pi.h,  
lib/libcrypto/libblowfish/bf\_locl.h, lib/libcrypto/libblowfish/bf\_enc.c,  
linux/include/des/\*, linux/include/klips-crypto/des.h,  
linux/net/ipsec/des/cbc\_enc.c, linux/net/ipsec/des/des\_enc.c,  
linux/net/ipsec/des/des\_opts.c, linux/net/ipsec/des/ecb\_enc.c,  
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\* include/crypto/cryptodev.h

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This code was written by Angelos D. Keromytis in Athens, Greece, in February 2000. Network Security Technologies Inc. (NSTI) kindly supported the development of this code.

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\* lib/libcrypto/liboswcrypto/cryptodev.c

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openswan package.

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ipsecd.o, openswan package:

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\* linux/include/openswan/pfkeyv2.h

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-----  
Harald Jenny and Rene Mayrhofer, 2010-03-27  
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<signature of Ty Coon>, 1 April 1990

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## 1.29 ppp 2.4.1

### 1.29.1 Available under license :

```
/*
 * ppp_ahdlc.c - STREAMS module for doing PPP asynchronous HDLC.
 *
 * Re-written by Adi Masputra <adi.masputra@sun.com>, based on
 * the original ppp_ahdlc.c
 *
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\* \$Id: ppp\_ahdlc.c,v 1.16 2000/03/06 19:38:12 masputra Exp \$

\*/

/\*

\*\*\*\*\*

\*\* md5.h -- header file for implementation of MD5 \*\*  
\*\* RSA Data Security, Inc. MD5 Message-Digest Algorithm \*\*  
\*\* Created: 2/17/90 RLR \*\*  
\*\* Revised: 12/27/90 SRD,AJ,BSK,JT Reference C version \*\*  
\*\* Revised (for MD5): RLR 4/27/91 \*\*  
\*\* -- G modified to have y&~z instead of y&z \*\*  
\*\* -- FF, GG, HH modified to add in last register done \*\*  
\*\* -- Access pattern: round 2 works mod 5, round 3 works mod 3 \*\*  
\*\* -- distinct additive constant for each step \*\*  
\*\* -- round 4 added, working mod 7 \*\*

\*\*\*\*\*

\*/

/\*

\*\*\*\*\*

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\*\*\*\*\*

\*/

```

/*
 * passprompt.c - pppd plugin to invoke an external PAP password prompter
 *
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 *
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 */
/*
 * Database functions
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 */
This is the README file for ppp-2.4, a package which implements the
Point-to-Point Protocol (PPP) to provide Internet connections over
serial lines.

```

#### Introduction.

\*\*\*\*\*

The Point-to-Point Protocol (PPP) provides a standard way to establish a network connection over a serial link. At present, this package supports IP and the protocols layered above IP, such as TCP and UDP. The Linux and Solaris ports of this package have optional support for IPV6; the Linux port of this package also has support for IPX.

This software consists of two parts:

- Kernel code, which establishes a network interface and passes packets between the serial port, the kernel networking code and the PPP daemon (pppd). This code is implemented using STREAMS modules on Solaris, and as a line discipline under Linux.

- The PPP daemon (pppd), which negotiates with the peer to establish the link and sets up the ppp network interface. Pppd includes support for authentication, so you can control which other systems may make a PPP connection and what IP addresses they may use.

The platforms supported by this package are Linux and Solaris. I have code for NeXTStep, FreeBSD, SunOS 4.x, SVR4, Tru64 (Digital Unix), AIX and Ultrix but no active maintainers for these platforms. Code for all of these except AIX is included in the ppp-2.3.11 release.

#### Installation.

\*\*\*\*\*

The file SETUP contains general information about setting up your system for using PPP. There is also a README file for each supported system, which contains more specific details for installing PPP on that system. The supported systems, and the corresponding README files, are:

Linux README.linux  
Solaris README.sol2

In each case you start by running the ./configure script. This works out which operating system you are using and creates the appropriate makefiles. You then run `make' to compile the user-level code, and (as root) `make install' to install the user-level programs pppd, chat and pppstats.

N.B. Since 2.3.0, leaving the permitted IP addresses column of the pap-secrets or chap-secrets file empty means that no addresses are permitted. You need to put a "\*" in that column to allow the peer to use any IP address. (This only applies where the peer is authenticating itself to you, of course.)

#### What's new in ppp-2.4.4.

\*\*\*\*\*

- \* Pppd will now run /etc/ppp/ip-pre-up, if it exists, after creating the ppp interface and configuring its IP addresses but before bringing it up. This can be used, for example, for adding firewall rules for the interface.
- \* Lots of bugs fixed, particularly in the area of demand-dialled and persistent connections.

\* The rp-pppoe plugin now accepts any interface name (that isn't an existing pppd option name) without putting "nic-" on the front of it, not just eth\*, nas\*, tap\* and br\*.

### What was new in ppp-2.4.3.

\*\*\*\*\*

\* The configure script now accepts --prefix and --sysconfdir options. These default to /usr/local and /etc. If you want pppd put in /usr/sbin as before, use ./configure --prefix=/usr.

\* Doing `make install' no longer puts example configuration files in /etc/ppp. Use `make install-etcppp' if you want that.

\* The code has been updated to work with version 0.8.3 of libpcap. Unfortunately the libpcap maintainers removed support for the "inbound" and "outbound" keywords on PPP links, meaning that if you link pppd with libpcap-0.8.3, you can't use those keywords in the active-filter and pass-filter expressions. The support has been reinstated in the CVS version and should be in future libpcap releases. If you need the in/outbound keywords, use a later release than 0.8.3, or get the CVS version from <http://www.tcpdump.org>.

\* There is a new option, child-timeout, which sets the length of time that pppd will wait for child processes (such as the command specified with the pty option) to exit before exiting itself. It defaults to 5 seconds. After the timeout, pppd will send a SIGTERM to any remaining child processes and exit. A value of 0 means no timeout.

\* Various bugs have been fixed, including some CBCP packet parsing bugs that could lead to the peer being able to crash pppd if CBCP support is enabled.

\* Various fixes and enhancements to the radius and rp-pppoe plugins have been added.

\* There is a new winbind plugin, from Andrew Bartlet of the Samba team, which provides the ability to authenticate the peer against an NT domain controller using MS-CHAP or MS-CHAPV2.

\* There is a new pppoatm plugin, by various authors, sent in by David Woodhouse.

\* The multilink code has been substantially reworked. The first pppd for a bundle still controls the ppp interface, but it doesn't exit until all the links in the bundle have terminated. If the first

pppd is signalled to exit, it signals all the other pppds controlling links in the bundle.

\* The TDB code has been updated to the latest version. This should eliminate the problem that some people have seen where the database file (/var/run/pppd.tdb) keeps on growing. Unfortunately, however, the new code uses an incompatible database format. For this reason, pppd now uses /var/run/pppd2.tdb as the database filename.

What was new in ppp-2.4.2.

\*\*\*\*\*

\* The CHAP code has been rewritten. Pppd now has support for MS-CHAP V1 and V2 authentication, both as server and client. The new CHAP code is cleaner than the old code and avoids some copyright problems that existed in the old code.

\* MPPE (Microsoft Point-to-Point Encryption) support has been added, although the current implementation shouldn't be considered completely secure. (There is no assurance that the current code won't ever transmit an unencrypted packet.)

\* James Carlson's implementation of the Extensible Authentication Protocol (EAP) has been added.

\* Support for the Encryption Control Protocol (ECP) has been added.

\* Some new plug-ins have been included:

- A plug-in for kernel-mode PPPoE (PPP over Ethernet)
- A plug-in for supplying the PAP password over a pipe from another process
- A plug-in for authenticating using a Radius server.

\* Updates and bug-fixes for the Solaris port.

\* The CBCP (Call Back Control Protocol) code has been updated. There are new options `remotenummer' and `allow-number'.

\* Extra hooks for plugins to use have been added.

\* There is now a `maxoctets' option, which causes pppd to terminate the link once the number of bytes passed on the link exceeds a given value.

\* There are now options to control whether pppd can use the IPCP IP-Address and IP-Addresses options: `ipcp-no-address' and `ipcp-no-addresses'.

- \* Fixed several bugs, including potential buffer overflows in chat.

#### What was new in ppp-2.4.1.

\*\*\*\*\*

- \* Pppd can now print out the set of options that are in effect. The new ``dump'` option causes pppd to print out the option values after option parsing is complete. The ``dryrun'` option causes pppd to print the options and then exit.
- \* The option parsing code has been fixed so that options in the per-tty options file are parsed correctly, and don't override values from the command line in most cases.
- \* The plugin option now looks in `/usr/lib/pppd/<pppd-version>` (for example, `/usr/lib/pppd/2.4.1b1`) for shared objects for plugins if there is no slash in the plugin name.
- \* When loading a plugin, pppd will now check the version of pppd for which the plugin was compiled, and refuse to load it if it is different to pppd's version string. To enable this, the plugin source needs to `#include "pppd.h"` and have a line saying:  
`char pppd_version[] = VERSION;`
- \* There is a bug in zlib, discovered by James Carlson, which can cause kernel memory corruption if Deflate is used with the lowest setting, 8. As a workaround pppd will now insist on using at least 9.
- \* Pppd should compile on Solaris and SunOS again.
- \* Pppd should now set the MTU correctly on demand-dialled interfaces.

#### What was new in ppp-2.4.0.

\*\*\*\*\*

- \* Multilink: this package now allows you to combine multiple serial links into one logical link or ``bundle'`, for increased bandwidth and reduced latency. This is currently only supported under the 2.4.x and later Linux kernels.
- \* All the pppd processes running on a system now write information into a common database. I used the ``tdb'` code from samba for this.
- \* New hooks have been added.

For a list of the changes made during the 2.3 series releases of this package, see the Changes-2.3 file.

#### Compression methods.

\*\*\*\*\*

This package supports two packet compression methods: Deflate and BSD-Compress. Other compression methods which are in common use include Predictor, LZS, and MPPC. These methods are not supported for two reasons - they are patent-encumbered, and they cause some packets to expand slightly, which pppd doesn't currently allow for. BSD-Compress and Deflate (which uses the same algorithm as gzip) don't ever expand packets.

#### Patents.

\*\*\*\*\*

The BSD-Compress algorithm used for packet compression is the same as that used in the Unix "compress" command. It was apparently covered by U.S. patents 4,814,746 (owned by IBM) and 4,558,302 (owned by Unisys), and corresponding patents in various other countries (but not Australia). Apparently the Unisys patent expired in the US on 20 June 2003, but the IBM patent is still pending.

If these patents are of concern in your situation, you can build the package without including BSD-Compress. To do this, edit net/ppp-comp.h to change the definition of DO\_BSD\_COMPRESS to 0. The bsd-comp.c files are then no longer needed, so the references to bsd-comp.o may optionally be removed from the Makefiles.

#### Contacts.

\*\*\*\*\*

The comp.protocols.ppp newsgroup is a useful place to get help if you have trouble getting your ppp connections to work. Please do not send me questions of the form "please help me get connected to my ISP" - I'm sorry, but I simply do not have the time to answer all the questions like this that I get.

If you find bugs in this package, please report them to the maintainer for the port for the operating system you are using:

Linux Paul Mackerras <paulus@samba.org>

Solaris James Carlson <carlson@workingcode.com>

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\*\*\*\*\*

All of the code can be freely used and redistributed. The individual source files each have their own copyright and permission notice.

Pppd, pppstats and pppdump are under BSD-style notices. Some of the pppd plugins are GPL'd. Chat is public domain.

Distribution:

\*\*\*\*\*

The primary site for releases of this software is:

<ftp://ftp.samba.org/pub/ppp/>

(\$Id: README,v 1.37 2006/05/29 23:51:29 paulus Exp \$)

## 1.30 ppp (DUPLICATE) 2.4.5

### 1.30.1 Notifications :

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This product includes software developed by the University of California, Berkeley.

This software is derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm.

This product includes software developed by Paul Mackerras <[paulus@samba.org](mailto:paulus@samba.org)>.

This product includes software developed by Pedro Roque Marques <[pedro\\_m@yahoo.com](mailto:pedro_m@yahoo.com)>.

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`ppp-2.4.5/include/linux/ppp-comp.h`

`ppp-2.4.5/include/net/ppp-comp.h`

`ppp-2.4.5/include/net/ppp_defs.h`

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ppp-2.4.5/include/linux/ppp\_defs.h

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ppp-2.4.5/include/net/pppio.h

ppp-2.4.5/modules/deflate.c

ppp-2.4.5/modules/if\_ppp.c

ppp-2.4.5/modules/ppp.c

ppp-2.4.5/modules/ppp\_comp.c

ppp-2.4.5/pppdump/deflate.c

ppp-2.4.5/pppdump/ppp-comp.h

ppp-2.4.5/solaris/ppp.c

ppp-2.4.5/solaris/ppp\_comp.c

ppp-2.4.5/solaris/ppp\_comp\_mod.c

ppp-2.4.5/solaris/ppp\_mod.c

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ppp-2.4.5/modules/ppp\_ahdlc.c

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ppp-2.4.5/pppd/ccp.c

ppp-2.4.5/pppd/ccp.h

ppp-2.4.5/pppd/ecp.c

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ppp-2.4.5/pppd/chap-md5.c

ppp-2.4.5/pppd/chap-md5.h

ppp-2.4.5/pppd/chap-new.c

ppp-2.4.5/pppd/chap-new.h

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ppp-2.4.5/include/linux/if\_ppp.h

ppp-2.4.5/include/net/if\_ppp.h

ppp-2.4.5/pppd/auth.c

ppp-2.4.5/pppd/fsm.c

ppp-2.4.5/pppd/fsm.h

ppp-2.4.5/pppd/ipcp.c

ppp-2.4.5/pppd/ipcp.h

ppp-2.4.5/pppd/ipv6cp.c

ppp-2.4.5/pppd/ipv6cp.h

ppp-2.4.5/pppd/ipxcp.c

ppp-2.4.5/pppd/ipxcp.h

ppp-2.4.5/pppd/lcp.c

ppp-2.4.5/pppd/lcp.h

ppp-2.4.5/pppd/magic.c

ppp-2.4.5/pppd/magic.h

ppp-2.4.5/pppd/main.c

ppp-2.4.5/pppd/options.c

ppp-2.4.5/pppd/pppd.h

ppp-2.4.5/pppd/session.c

ppp-2.4.5/pppd/sys-linux.c

ppp-2.4.5/pppd/sys-solaris.c

ppp-2.4.5/pppd/tty.c

ppp-2.4.5/pppd/upap.c

ppp-2.4.5/pppd/upap.h

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ppp-2.4.5/include/net/slcompress.h

ppp-2.4.5/include/net/vjcompress.h

ppp-2.4.5/modules/vjcompress.c

ppp-2.4.5/pppstats/pppstats.c

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ppp-2.4.5/common/zlib.c  
ppp-2.4.5/common/zlib.h  
ppp-2.4.5/pppdump/zlib.c  
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ppp-2.4.5/pppd/sys-solaris.c

ppp-2.4.5/solaris/ppp\_ahdlc.c

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- \* Updated to ppp-2.4.1 by Bernhard Kaindl
- \*
- \* Updated to ppp-2.4.2 by David Woodhouse 2004.
- \* - disconnect method added
- \* - remove\_options() abuse removed.
- \*
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ppp-2.4.5/pppd/plugins/radius/dict.c  
ppp-2.4.5/pppd/plugins/radius/Makefile.linux  
ppp-2.4.5/pppd/plugins/radius/radattr.c  
ppp-2.4.5/pppd/plugins/rp-pppoe/common.c  
ppp-2.4.5/pppd/plugins/rp-pppoe/debug.c  
ppp-2.4.5/pppd/plugins/rp-pppoe/discovery.c  
ppp-2.4.5/pppd/plugins/rp-pppoe/if.c  
ppp-2.4.5/pppd/plugins/rp-pppoe/Makefile.linux  
ppp-2.4.5/pppd/plugins/rp-pppoe/pppoe-discovery.c  
ppp-2.4.5/pppd/plugins/rp-pppoe/pppoe.h  
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ppp-2.4.5/pppd/plugins/radius/avpair.c  
ppp-2.4.5/pppd/plugins/radius/clientid.c  
ppp-2.4.5/pppd/plugins/radius/config.c  
ppp-2.4.5/pppd/plugins/radius/dict.c  
ppp-2.4.5/pppd/plugins/radius/includes.h  
ppp-2.4.5/pppd/plugins/radius/ip\_util.c  
ppp-2.4.5/pppd/plugins/radius/lock.c  
ppp-2.4.5/pppd/plugins/radius/options.h  
ppp-2.4.5/pppd/plugins/radius/pathnames.h  
ppp-2.4.5/pppd/plugins/radius/radiusclient.h  
ppp-2.4.5/pppd/plugins/radius/sendserver.c  
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ppp-2.4.5/pppd/plugins/radius/config.c  
ppp-2.4.5/pppd/plugins/radius/dict.c  
ppp-2.4.5/pppd/plugins/radius/includes.h  
ppp-2.4.5/pppd/plugins/radius/ip\_util.c  
ppp-2.4.5/pppd/plugins/radius/pathnames.h  
ppp-2.4.5/pppd/plugins/radius/radiusclient.h  
ppp-2.4.5/pppd/plugins/radius/sendserver.c  
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ppp-2.4.5/pppd/plugins/radius/config.c  
ppp-2.4.5/pppd/plugins/radius/dict.c  
ppp-2.4.5/pppd/plugins/radius/includes.h  
ppp-2.4.5/pppd/plugins/radius/ip\_util.c  
ppp-2.4.5/pppd/plugins/radius/pathnames.h  
ppp-2.4.5/pppd/plugins/radius/radiusclient.h  
ppp-2.4.5/pppd/plugins/radius/sendserver.c  
ppp-2.4.5/pppd/plugins/radius/util.c

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\* Updated on 2003-12-12 to support updated PPP plugin API from latest CVS

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[...]

Unix SMB/CIFS implementation.  
Samba utility functions

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ppp-2.4.5/pppd/chap\_ms.c

ppp-2.4.5/pppd/chap\_ms.h

ppp-2.4.5/pppd/pppcrypt.c

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ppp-2.4.5/pppd/session.c

/\*

\* session.c - PPP session control.

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ppp-2.4.5/include/linux/if\_pppol2tp.h

/\*\*\*\*\*

\* Linux PPP over L2TP (PPPoL2TP) Socket Implementation (RFC 2661)

\*

\* This file supplies definitions required by the PPP over L2TP driver

\* (pppol2tp.c). All version information wrt this file is located in

\* pppol2tp.c

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ppp-2.4.5/pppd/plugins/pppol2tp/l2tp\_event.h

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ppp-2.4.5/pppd/plugins/pppol2tp/pppol2tp.c
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* for Linux using kernel pppol2tp support.
*
* Requires kernel pppol2tp driver which is integrated into the kernel
* from 2.6.23 onwards. For earlier kernels, a version can be obtained
* from the OpenL2TP project at
* http://www.sourceforge.net/projects/openl2tp/
*
* Original by Martijn van Oosterhout <kleptog@svana.org>
* Modified by jchapman@katalix.com
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```
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```

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

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

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## TEXT OF GNU LGPLv2

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Version 2, June 1991

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Because of this blurred distinction, using the ordinary General

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

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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

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root function must still compute square roots.)

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

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

That's all there is to it!

## 1.31 pptp-client 1.1.0

### 1.31.1 Available under license :

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Handlers

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Part of the l2tp code is implemented in the l2tpd program, and part of it is implemented as "handlers". A handler is a shared-object library which is dynamically linked into l2tpd at run-time using the "load-handler" configuration directive.

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Installation

-----

./configure && make

make install

Now read l2tpd(8) and l2tp.conf(5)

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Version 2, June 1991

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## 1.35 rp-pppoe 3.11

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```
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## 1.37 syslog-ng 1.6.12



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begin: Tue Feb 6 2007

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```
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# 1.40 u-boot 2008\_10

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Received: (qmail invoked by alias); 01 Mar 2006 19:23:46 -0000

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Received: from raptor.research.att.com (raptor.research.att.com [135.207.23.32])

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for <ps.m@gmx.net>; Wed, 1 Mar 2006 14:23:45 -0500 (EST)

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for ps.m@gmx.net; Wed, 1 Mar 2006 14:23:45 -0500 (EST)

Date: Wed, 1 Mar 2006 14:23:45 -0500 (EST)

From: Glenn Fowler <gsf@research.att.com>

Message-Id: <200603011923.OAA86112@raptor.research.att.com>

Organization: AT&T Research

X-Mailer: mailx (AT&T/BSD) 9.9 2005-04-21  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
References: <Pine.LNX.4.44.0603012011250.6386-100000@lnx.bridge.intra>  
To: mps@bridge.intra  
Subject: Re: testregex licensing question  
X-GMX-Antivirus: -1 (not scanned, may not use virus scanner)  
X-GMX-Antispam: 0 (Mail was not recognized as spam)  
X-GMX-UID: lJF3ZO9DeSEkJ2TcbHQhaXN1IGRvb0Ca  
X-Virus-Scanned: by amavisd-new at localhost  
Status: RO  
X-Status:  
X-Keywords:  
X-UID: 44736

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retain the testregex.c header comment  
it uses a very free license to maximize distribution  
you can copy that .c comment to any test data files you use  
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let me know how it works with your libc  
also pass on any new tests you cook up

On Wed, 1 Mar 2006 20:15:02 +0100 (CET) Peter S. Mazinger wrote:

> Hello Glenn!

> I would want to add testregex.c and the related \*.dat files to the uClibc  
> testsuite. uClibc is licensed under LGPL v2.1. I haven't found any  
> licensing related info on testregex.

> Is it allowed to use the code there, or should I accomodate the testsuite  
> to download the needed files from the original site each time it is ran?

> Thanks, Peter

> --

> Peter S. Mazinger <ps dot m at gmx dot net>

ID: 0xA5F059F2

> Key fingerprint = 92A4 31E1 56BC 3D5A 2D08 BB6E C389 975E A5F0 59F2

# 1.42 udev 113

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

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

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

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

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If such an object file uses only numerical parameters, data

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<one line to give the library's name and a brief idea of what it does.>  
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Also add information on how to contact you by electronic and paper mail.

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Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

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

That's all there is to it!

# 1.48 zlib 1.2.3

## 1.48.1 Available under license :

License attached

/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.3, July 18th, 2005

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

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

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