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bzip2/libbzip2 version 1.0.4 of 20 December 2006
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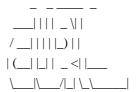
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libcurl is the library curl is using to do its job. It is readily available to be used by your software. Read the libcurl.3 man page to learn how!

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Visit the curl web site for the latest news and downloads:

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<HEAD>

<TITLE> Dnsmasq - network services for small networks.</TITLE>

k rel="icon" href="http://www.thekelleys.org.uk/dnsmasq/images/favicon.ico">

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<tr

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//www.thekelleys.org.uk/dnsmasq/images/icon.png" />

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>

- 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.
- Upstream servers can be configured in a variety of convenient ways, including dynamic configuration as these change on moving upstream network.
- 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.

- 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 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.

<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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1.6 dropbear 2016.74

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=====

loginrec.c

loginrec.h

atomicio.h

atomicio.c

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* More information about curve25519 can be found here
* http://cr.yp.to/ecdh.html
* djb's sample implementation of curve25519 is written in a special assembly
* language called qhasm and uses the floating point registers.
```

 $\boldsymbol{*}$ This is, almost, a clean room reimplementation from the curve 25519 paper. It

* uses many of the tricks described therein. Only the crecip function is taken

* from the sample implementation.

*/

1.7 ebtables 2.0.10-4

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1.9 glibc-2.21 2.21

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1.10 gsoap 2.6.2

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Xf6:_m93
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589~Cs$`jMKFRqJL
YGg^N*UQ
cX#zt).]Z#E4FhGw6\@ErQ44Gq=FPj
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fr"GL;mcY/Rus]td:_\sim vF)UK7bS+KR!\%K/^.m9kl}O;;D(5m < qHPV*IKeda]!k
i[<?kSligm0?9Y(gg~4x.2f[9@cWA5d,0iRJLIK
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```

'K!'gXE`V=L,GpLbs/L[B?v&]HcaHw

```
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x!kKmc?-4AAOgQ
n iJ@5psR)btnkg.Z < ; \&.t`S6]Qi1 iB
/y*r%A`|W5 ODX2N)Pg.Y0z[[I$t]
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/Contents 3 0 R
/Resources 10R
/MediaBox [0 0 612 792]
/Parent 8 0 R
>> endobj
 1 0 obj <<
/Font << /F31 5 0 R /F32 7 0 R >>
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>> endobj
 11 0 obj <<
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R6\}), s8; iWm\$WN?J|[nZ4n\ 2ZLFV8*, i;DaFY6JfW5Xd\#O>0mq(gmK,yZR\_m3.EKtN\cwh\{65VJBLB\%-.s@\ McQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgmCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeNgMCQeN
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z[6au{(ea]T=+bm56\xJ4\xJ4\xu}
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 &vef(!nC+p:.GAa\ gK>:9)X*V,o>D/}}bA|S\<QHj+aq
E5COk@?d]IUCu[}bP>~N4sn.R`3VEa#'
S{$y sty|oGq605jwwWZY OEq]f*Y_I(/,v=ll I$'S`V8P0vo3(vt70$Ts,F"CBnd|$Lq6<4|'ajF9
mjh89zs]F,8L!|SbBE
\42AHve
nmy'U|qa>F
n`nA*N:_YJQ i=``@E \setminus [x@]G(]GpP1Q@K/F)81N4\$MhV7mlte\_n*4\_X QX;I>t!e lHt in the context of the c
c+,O?@/^1C\'C\rWEA&aB09\o9I\wbq+1$
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 Y:|Q(<a0qQw;CDX:]y@1T2K|PV /)&)q99uV1V;xbcitd"(t?Gg|kE8L"71#3\\3du"z#Y1 ?].Sbw(9(v'pO2Fc8 Yw@x95_
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```

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/Contents 11 0 R
/Resources 9 0 R
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/Parent 8 0 R
>> endobj
9 0 obj <<
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>> endobj
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>>
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Dh4Y]]%Sa:m#R3B^~gOKEbY7t8H4tZj/JIOJT(l'7-\1[Ce H /P9&"n:veXp &MW6'u@HJdq->09R0]-"5GMyi(:6~
\%; :B pnv : NS*V \sim iE@0x.y2TM/(0F,GNK^( < a=
!\&bb-72x?\_@]NkJ}#,\H(/RN-5\%A
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-/L6+'L}Gw O
hr{>vrm
XfHNB f"/-
Sv2_YAFE}c3?*
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.=\o=1/<tD+>)IV1YOirStw@L"Zh`Rb+P.J.#T.D@{JO`5Ja9CklARsdAY]A#Rw0s}iG/2MJKi]
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!)j0U#=yG@wV]o\sim { {<||KiPfuKY*;Ib(p)AU@<LFf||y/uUS3KY,`f#:KYb-||
~=Y~]."UOKLBBluqixT1(!(?@iJ#%`@:Oaa,i
WR \Ci(wRgI -02d-"Z3 G3@J6|B
.z- aYtr%+ VSXrqTo~yx
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```

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; 9S><DQZW
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c]{>:g>}|}tV8+W>MLGhDI~kY=lcXnbr1p<=08BZ]|j-
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:OlqUJr>MezUsl{=!v=]O~qG ofG]5xzrf{~Sz-c}
.Qh
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xJ}70Fj.t}o$%n@(hG1"?*X-+Y
fo2 \sim V + T1:\$?\} [Mk3 < k-t) + Hua`WgDiy < t8h?NL\$Ow*I\{4"D|BC'g'\} + WgDiy < t8h?NL\$Ow*I\{4"D|BC'g'] + WgDiy < t8h?NL\$Ow*I\{4"D|BC'g'] + WgDiy < t8h?NL\$Ow*I\{4"D|BC'g'] + WgDiy < t8h?NL\$Ow*I\{4"D|BC'g'] + WgDiy < t8h?NL$Ow*I[4"D|BC'g'] + WgDiy < t8h?NL$Ow*I[4"D|BC'g'
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b.ZpAE
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nbhb!?#n?,\&sH1/HU#.eCNe,^
G"s_L$C
; Ch3bS3Aj + @g\backslash QOh@EJJGU(wFTpO(VRA)dbG3q - eI6\$GY| + (XIRLa \sim B \sim KDocA\ sHID`K > ]\#[^1s]Q/]
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1,Oy>m#RIp@f( JdC"R:#*
c(!D=XB-L\space*scalebox.) rAO^:a q1 YV;';.
```

```
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/Parent 8 0 R
>> endobj
15 0 obj <<
/Font << /F31 5 0 R /F32 7 0 R >>
/ProcSet [ /PDF /Text ]
>> endobj
20 0 obj <<
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gE90}-=Z2p2:(NytlLSK2Re(18Ei9r.M7,Sq3*Nf<@-Nj&
W[,/s'$\%&4VYQ\%< G
k(,ohqRD(BlirE;(mcm9U\&r|P)'G"O1Px6!9("7Ko8t:sE()))
XS^6H6rQ3j"LzpKpb&8*nI);;6~,-YD1r'm(ah>O`rv%Hr3?PDyT 0 8.ddI*`),[$be3hRBrl7?Jq/[ramp
b:1@1Q:fj_33:^A(0Yi,m),;IR&!!ByII5 1AI-
q6rR^!JKI5TYqi(GG[&b({~bNc6wadP9:cP#n/i)8O8k+N{\#}m>RP,qi<..>dE! N34!:8R$
I-4D=My>JK*L8(P 3y23$qIyR 5(|dXh)
op.1]'}"* p-b/ttvkg9{
Jp.= \left| \left| \left| Aw^{A}Ei6G \right| 1\%? e?BG + vuc64 \right| \right| 
 \{l^nAWv"\$u|fJ5d\_,P'Lok^\%YaAp\{n[:Qv\_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"?o-Jcz\_[DxW<0=Gv_b|Tnn!es|kLQodoD=)uRx;kWU\%BTO(*UTe"*o-Jcz\_[Dxw]uRx;kWU\%BTO(*UTe"*o-Jcz\_[Dxw]uRx;kWU\%BTO(*UTe"*o-Jcz\_[Dxw]uRx;kWU\%BTO(*UTe"*o-Jcz\_[Dxw]uRx;kWU\%BTO(*UTe"*o-Jcz\_[Dxw]uRx;kWU\%BTO(*UTe"*o-Jcz\_[Dxw]uRx;kWU\%BTO(*UTe"*o-Jcz\_[Dxw]uRx;kWU\%BTO(*UTe"*o-Jcz\_[Dxw]uRx;kWU\%BTO(*UTe"*o-Jcz\_[Dxw]uRx;kWU\%BTO(*UTe"*o-Jcz\_[Dxw]uRx;kWU\%BTO(*UTe"*o-Jcz\_[Dxw]uRx;kWU\%BTO(*UTe"*o-Jcz\_[Dxw]uRx;kWU\%URx;kWU]uRx;kWU@to-Jcz\_[Dxw]uRx;kWU@to-Jcz\_[Dxw]uRx;kWU@to-Jcz\_[Dxw]uRx;kWU
?Wc\OWn7oWP8y=\_U\%gutc*y\lwC\W^h
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)-RXV:CMN*
uk]*nt'G<h),tk9X e|YCo<;n6)@TCizUsUG`#VY e
wh; U< O=i*
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+"
PUG
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endobi
 19 0 obj <<
/Type /Page
/Contents 20 0 R
```

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/Parent 8 0 R
>> endobj
18 0 obj <<
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/ProcSet [ /PDF /Text ]
>> endobj
23 0 obj <<
/Length 2510
/Filter /FlateDecode
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/ProcSet [ /PDF /Text ]
>> endobj
24 0 obj <<
```

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11/breve/minus 13/.notdef 14/Zcaron/zcaron/caron/dotlessi/dotlessj/ff/ffi/ffl 22/.notdef

30/grave/quotesingle/space/exclam/quotedbl/numbersign/dollar/percent/ampersand/quoteright/parenleft/parenright/a sterisk/plus/comma/hyphen/period/slash/zero/one/two/three/four/five/six/seven/eight/nine/colon/semicolon/less/equal/greater/question/at/A/B/C/D/E/F/G/H/I/J/K/L/M/N/O/P/Q/R/S/T/U/V/W/X/Y/Z/bracketleft/backslash/bracketright/asciicircum/underscore/quoteleft/a/b/c/d/e/f/g/h/i/j/k/l/m/n/o/p/q/r/s/t/u/v/w/x/y/z/braceleft/bar/braceright/asciitilde 127/.notdef 128/Euro 129/.notdef

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```
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/Subtype /Type1
/Encoding 24 0 R
/BaseFont /Times-Roman
>> endobj
5 0 obj <<
/Type /Font
/Subtype /Type1
/Encoding 24 0 R
/BaseFont /Times-Bold
>> endobj
8 0 obj <<
/Type /Pages
/Count 6
/Kids [2 0 R 10 0 R 13 0 R 16 0 R 19 0 R 22 0 R]
>> endobj
25 0 obj <<
/Type /Catalog
/Pages 8 0 R
/PTEX.Fullbanner (This is pdfTeX, Version 3.14159-1.00b-pretest-20020211)
>> endobi
26 0 obj <<
/Producer (pdfTeX-1.0-pdfcrypt)
/CreationDate (D:20031220084800)
>> endobj
xref
```

0 27

1.11 iproute2 4.10.0

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1.12 iptables 1.6.1

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1.14 linux 3.4.110-rt140-v1.3.5-rc3+

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(in case you are wondering where CyberLogin is, EON changed its login
procedure and CyberLogin is no longer used.)

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(If you think you should be in this list, but you are not, drop a line to the DVB mailing list)

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

*

- * 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:

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

```
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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* along with this program; if not, write to the Free Software
* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
* M. Welsh, 6 July 1996
```

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1.16 mtd-utils 1.5.2

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1.18 net-tools 1.60

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1.24 sys_event 1.0

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1.26 traceroute 1.4a12

1.26.1 Available under license:

@(#) \$Id: README,v 1.9 2000/09/16 05:32:01 leres Exp \$ (LBL)

TRACEROUTE 1.4

Lawrence Berkeley National Laboratory Network Research Group traceroute@ee.lbl.gov ftp://ftp.ee.lbl.gov/traceroute.tar.gz

Traceroute is a system administrators utility to trace the route ip packets from the current system take in getting to some destination system. See the comments at the front of the program for a description of its use.

This program uses raw ip sockets and must be run as root (or installed setuid to root).

A couple of awk programs to massage the traceroute output are included. "mean.awk" and "median.awk" compute the mean and median time to each hop, respectively. I've found that something like

```
traceroute -q 7 foo.somewhere >t awk -f median.awk t | xgraph
```

can give you a quick picture of the bad spots on a long path (median is usually a better noise filter than mean).

Problems, bugs, questions, desirable enhancements, source code contributions, etc., should be sent to the email address "traceroute@ee.lbl.gov".

/*

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1.27 udhcp 0.9.8

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