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QLogic Linux Networking HBA Driver

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Version 1.0

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That's all there is to it!

/\* 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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Julian Seward, Cambridge, UK. jseward@bzip.org bzip2/libbzip2 version 1.0.4 of 20 December 2006

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- \* for special files, preserve permissions and
- \* ownership, cramfs superblock v2, bogus mode
- \* test, pathname length test, etc.)
- \* 2000/06/06: Daniel Quinlan (support for holes, pretty-printing,
- \* symlink size test)
- \* 2000/07/11: Daniel Quinlan (file length tests, start at offset 0 or 512,
- \* fsck-compatible exit codes)
- \* 2000/07/15: Daniel Quinlan (initial support for block devices)
- \* 2002/01/10: Daniel Quinlan (additional checks, test more return codes,
- \* use read if mmap fails, standardize messages)

\*/

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/\*

\* mkcramfs - make a cramfs file system

\*

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## 1.9 curl 7.21.0

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\*

- \* This example source code introduces a c library buffered I/O interface to
- \* URL reads it supports fopen(), fread(), fgets(), feof(), fclose(),
- \* rewind(). Supported functions have identical prototypes to their normal c
- \* lib namesakes and are preceaded by url\_ .

\*

- \* Using this code you can replace your program's fopen() with url\_fopen()
- \* and fread() with url fread() and it become possible to read remote streams
- \* instead of (only) local files. Local files (ie those that can be directly
- \* fopened) will drop back to using the underlying clib implementations

\*

- \* See the main() function at the bottom that shows an app that retrives from a
- \* specified url using fgets() and fread() and saves as two output files.

\*

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- \* Re-implemented by Vincent Sanders < vince@kyllikki.org> with extensive
- \* reference to original curl example code

\*

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# Calling this script install-sh is preferred over install.sh, to prevent
#`make' implicit rules from creating a file called install from it
```

# This script is compatible with the BSD install script, but was written

# when there is no Makefile.

# from scratch. It can only install one file at a time, a restriction

# shared with many OS's install programs.

## 1.10 curl 7.28.0

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# 1.11 dnsmasq 2.47

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From: Simon Kelley <simon@thekelleys.org.uk>

Sent: 18 September 2013 14:08 To: Damian Le Gresley (damlegre) Subject: Re: dnsmasq licencing

Damian,

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BTW, what's a "small cell product"?

Cheers,

Simon.

On 18/09/13 14:03, Damian Le Gresley (damlegre) wrote:

> Dear Simon,

>

```
> We would like to use your dnsmasq application in one of our Small Cell > products but it is not clear to us whether the GPLv2 or GPLv3 licencing
```

> terms stated in the two COPYING files are disjunctive or conjunctive.

> i.e. Can we choose whether to use it under GPLv2 licencing only, or are

> parts of it also licenced under GPLv3 and hence we must respect the most

> restrictive licence.

>

> I found your post from back in 2007 where you were asking for opinions

> on what should be done:

> http://lists.thekelleys.org.uk/pipermail/dnsmasq-discuss/2007q3/001566.html

>

> I cannot find the conclusion of this discussion but I think you chose

> option 3 (disjunctive licence) as your CHANGELOG has the comment "Added

> GPL version 3 as a licence option", hence we can choose to only apply

> the GPLv2 licence.

>

> I welcome your clarification.

>

> Best regards,

>

> Damian

>

> http://www.cisco.com/web/europe/images/email/signature/logo02.jpg

>

> \*Damian Le Gresley\*

> Senior Software Engineering Manager

> Small Cells Technology Group

## 1.12 ethtool 6.0

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## 1.17 lksctp-tools 1.0.10

### 1.17.1 Available under license:

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## 1.18 logrotate 3-7.1

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# 1.21 mtd-utils 20090606

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## 1.23 ntp 4.2.4p3

## 1.23.1 Available under license:

Replied: Fri, 16 Feb 2001 14:12:54 -0500

Replied: "Darren Reed <darrenr@reed.wattle.id.au> "

Received: from [139.134.6.79] by whimsy.udel.edu id aa15476;

16 Feb 2001 04:21 EST

Received: from CPE-61-9-164-106.vic.bigpond.net.au

([139.134.4.52]) by mailin6.bigpond.com (Netscape Messaging

Server 4.15) with SMTP id G8UFIB00.4QI for

<stenn@whimsy.udel.edu>; Fri, 16 Feb 2001 19:25:23 +1000

Received: from CPE-61-9-164-110.vic.bigpond.net.au ([61.9.164.110]) by mail5.bigpond.com (Claudes-Retiring-

MailRouter V2.9c 9/11963672); 16 Feb 2001 19:20:45

Received: (from root@localhost)

by CPE-61-9-164-106.vic.bigpond.net.au (8.11.0/8.11.0) id f1G92GC29158

for <stenn@whimsy.udel.edu>; Fri, 16 Feb 2001 20:02:16 +1100

From: Darren Reed <darrenr@reed.wattle.id.au>

Message-Id: <200102160901.UAA23657@avalon.reed.wattle.id.au>

Subject: Re: arlib?

In-Reply-To: <901.982219274@whimsy.udel.edu> from Harlan Stenn at "Feb 15, 1 01:41:14 am"

To: Harlan Stenn <stenn@whimsy.udel.edu> Date: Fri, 16 Feb 2001 20:01:46 +1100

X-Mailer: ELM [version 2.4ME+ PL37 (25)]

MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

In some email I received from Harlan Stenn, sie wrote:

> Darren,

>

> I'm looking for an async resolver library that I can use with NTP.

>

> I noticed your code in the contrib/ subdir of later bind8 distribution

> and I noticed the Copyright notice in arlib.c:

>

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> \* shape or form. The author takes no responsibility for any damage or loss

> \* of property which results from the use of this software.

>

> so I thought I'd ask your permission to distribute your files if I can

> figure out how to make it all work with ntpd.

http://coombs.anu.edu.au/~avalon/arlib.tar.gz

a few bug fixes (inc. buffer overflow:) and stuff in there.

But otherwise, go for it.

Darren

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- 25. [28] William L. Jones < jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications
- 26. [29]Dave Katz <dkatz@cisco.com> RS/6000 AIX port
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- 29. [32]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
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- 31. [34]Danny Mayer <mayer@ntp.org>Network I/O, Windows Port, Code Maintenance
- 32. [35]David L. Mills <mills@udel.edu> Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers: Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics; audio clock drivers: CHU, WWV/H, IRIG
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- 43. [47]Ray Schnitzler < schnitz@unipress.com > Unixware1 port
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- 45. [49]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
- 46. [50]Harlan Stenn <a href="mailto:harlan@pfcs.com">harlan@pfcs.com</a>> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
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- 50. [54]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
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- 39. mailto:%20kamal@whence.com
- 40. mailto:%20derek@toybox.demon.co.uk
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- 44. mailto:%20wsanchez@apple.com
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- 53. mailto:%20tsuruoka@nc.fukuoka-u.ac.jp
- 54. mailto:%20vixie@vix.com
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