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

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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1.5 busybox 1.18:4

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* @(#)in_cksum.c 8.1 (Berkeley) 6/10/93

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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,

All the code in dnsmasq carries the following statement, so you elect to use the entire application under the terms of GPLv2.

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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
```

1.11 ethtool 6.0

1.11.1 Available under license:

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1.12 gmp 4.2.1

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1.16 lksctp-tools 1.0.10

1.16.1 Available under license:

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1.17 logrotate 3-7.1

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1.18 Izo 2.03

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1.20 mtd-utils 20090606

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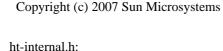
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- 35. [38]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
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- 46. [50]Wilfredo Snchez <wsanchez@apple.com> added support for NetInfo
- 47. [51] Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
- 48. [52]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
- 49. [53]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
- 50. [54] Michael Shields <shields@tembel.org> USNO clock driver
- 51. [55]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
- 52. [56] Harlan Stenn harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
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- 58. [62]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
- 59. [63]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

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- 34. [37]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
- 35. [38]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
- 36. [39]Danny Mayer <mayer@ntp.org>Network I/O, Windows Port, Code Maintenance
- 37. [40]David L. Mills <mills@udel.edu> Version 4 foundation, precision kernel; clock drivers: 1, 3, 4, 6, 7, 11, 13, 18, 19, 22, 36
- 38. [41]Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port
- 39. [42]Jeffrey Mogul <mogul@pa.dec.com> ntptrace utility
- 40. [43]Tom Moore <tmoore@fievel.daytonoh.ncr.com> i386 svr4 port
- 41. [44] Kamal A Mostafa < kamal@whence.com > SCO OpenServer port
- 42. [45]Derek Mulcahy <derek@toybox.demon.co.uk> and [46]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
- 43. [47]Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance
- 44. [48]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
- 45. [49]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
- 46. [50]Wilfredo Snchez <wsanchez@apple.com> added support for NetInfo
- 47. [51] Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
- 48. [52]Jack Sasportas < jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
- 49. [53]Ray Schnitzler < schnitz@unipress.com > Unixware1 port
- 50. [54] Michael Shields < shields @tembel.org > USNO clock driver
- 51. [55]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
- 52. [56]Harlan Stenn harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
- 53. [57] Kenneth Stone < ken@sdd.hp.com> HP-UX port
- 54. [58] Ajit Thyagarajan <ajit@ee.udel.edu>IP multicast/anycast support
- 55. [59]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp>TRAK clock driver

- 56. [60]Brian Utterback brian.utterback@oracle.com> General codebase, Solaris issues
- 57. [61]Loganaden Velvindron <loganaden@gmail.com> Sandboxing (libseccomp) support
- 58. [62]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
- 59. [63]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

References

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1.27 zlib 1.2.3

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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 (deflate format) and rfc1952.txt (gzip format).

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