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### NA

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### 2.6.29.6

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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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Julian Seward, Cambridge, UK.

jseward@bzip.org

bzip2/libbzip2 version 1.0.4 of 20 December 2006

## 1.6 cksum.c 1.1.1.1

### 1.6.1 Available under license :

```
/* $OpenBSD: in_cksum.c,v 1.3 1997/02/24 14:06:35 niklas Exp $ */
```

```
/* $NetBSD: in_cksum.c,v 1.11 1996/04/08 19:55:37 jonathan Exp $ */
```

```
/*
```

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\* @(#)in\_cksum.c 8.1 (Berkeley) 6/10/93

\*/

## 1.7 ConvertUTF 1.0

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\*

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\* 1999/12/03: Linus Torvalds (cramfs tester and unarchive program)

\* 2000/06/03: Daniel Quinlan (CRC and length checking program)

\* 2000/06/04: Daniel Quinlan (merged programs, added options, support

\* for special files, preserve permissions and

\* ownership, cramfs superbblock 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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```
/*
```

```
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```

```
*
```

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*
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zlib [http://www.gzip.org/zlib/zlib\\_license.html](http://www.gzip.org/zlib/zlib_license.html)

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

krb4

While nothing in particular says that a Kerberos4 library must use any particular license, the one I've tried and used successfully so far (kth-krb4) is partly Original BSD-licensed with the announcement clause. Some of the code in libcurl that is written to deal with Kerberos4 is Modified BSD-licensed.

MIT Kerberos <http://web.mit.edu/kerberos/www/dist/>

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Heimdal <http://www.pdc.kth.se/heimdal/>

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GNU GSS <http://www.gnu.org/software/gss/>

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fbopenssl

(Used for SPNEGO support) Unclear license. Based on its name, I assume that it uses the OpenSSL license and thus shares the same issues as described for OpenSSL above.

libidn <http://josefsson.org/libidn/>

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OpenLDAP <http://www.openldap.org/software/release/license.html>

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

libssh2 <http://www.libssh2.org/>

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

[1] = GPL - GNU General Public License: <http://www.gnu.org/licenses/gpl.html>

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## 1.10 dnsmasq 2.47

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```
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```

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From: Simon Kelley <[simon@thekelleys.org.uk](mailto: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 `&#147;Added`  
> `GPL version 3 as a licence option&#148;`, 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

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## 1.13 iniparser 2.17

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## 1.16 Iksctp-tools 1.0.10

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```
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```
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```

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```
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'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

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

## 1.19 minixml 2.7

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September 18, 2010

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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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- \*
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- \* 13aa749a5b0a454917a944ed8fffc530b784f5ead522b1aacaf4ec8aa55a6239 COPYING.mbsd
- \*
- \* This array is designed for mapping upper and lower case letter
- \* together for a case independent comparison. The mappings are
- \* based upon ascii character sequences.
- \*/

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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](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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