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

# 1.2 curl 7.26.0

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```

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\*

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- \* lksctp developers <lksctp-developers@lists.sourceforge.net>
- \*
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\*

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\* Kevin Gao <kevin.gao@intel.com>

\*

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\*/

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/\* 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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\*

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\*

- \* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
- \* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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# 1.9 OpenSSL patch to 0.9.8 branch to add RFC5649 (key wrap with pad) 1.0

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```
/* crypto/aes/aes wrap.c */
```

/\* Written by Dr Stephen N Henson (steve@openssl.org) for the OpenSSL

\* Modified by Attaullah Baig (abaig@paypal.com) to wrap/unwrap any

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# 1.10 Roundtable dnsmasq 2.46 :9.0(1)

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