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## 1.3 zlib 1.2.8

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/\* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.11, January 15th, 2017

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Michael Chu <mmchu@pobox.com> AverMedia fix and more flexible card recognition

Alan Cox <alan@lxorguk.ukuu.org.uk> Video4Linux interface and 2.1.x kernel adaptation

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Gerd Knorr <kraxel@cs.tu-berlin.de> Radio card (ITT sound processor)

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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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- \* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
- \*
- \* M. Welsh, 6 July 1996
- \*
- \*
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Christian Theiss for his work on the initial Linux DVB driver Marcus Metzler <mocm@metzlerbros.de> Ralph Metzler <rjkm@metzlerbros.de> for their continuing work on the DVB driver

Michael Holzt <kju@debian.org> for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it> for CyberLogin for Linux which allows logging onto EON (in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

Martin Schaller <martin@smurf.franken.de> for patching the cable card decoder driver

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Christoph Martin <martin@uni-mainz.de> for his LIRC infrared handler

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Taylor Jacob <rtjacob@earthlink.net> for the nxt2002 frontend driver

Jean-Francois Thibert <jeanfrancois@sagetv.com> for the nxt2004 frontend driver

Kirk Lapray <kirk.lapray@gmail.com> for the or51211 and or51132 frontend drivers, and for merging the nxt2002 and nxt2004 modules into a single nxt200x frontend driver.

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# 1.5 glibc 2.27

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## @item

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#### @subheading END OF TERMS AND CONDITIONS

#### @page

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# 1.12 udev 3.2.5

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# 1.13 busybox 1.27.2

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