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### 1.9 kmod 29

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DAMAGE.

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43mI,5WEV @@ WEV @mImImIAmImIomImImI*mImI

A0mImImI...
lost+found...

;9GimCN7g

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## 1.12 busybox 1.27.2

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Version 3, 29 June 2007

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## 1.15 linux-kernel 3.18.131

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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;
- $\ensuremath{^*}$  see init\_nicstar() for PHY initialization to change this. This driver
- \* expects the Linux ATM stack to support scatter-gather lists

```
* 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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```

\* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

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for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>
for CyberLogin for Linux which allows logging onto EON
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Ernst Peinlich <e.peinlich@inode.at> for tuning/DiSEqC support for the DEC 3000-s

Peter Beutner <p.beutner@gmx.net>
for the IR code for the ttusb-dec driver

Wilson Michaels < wilsonmichaels@earthlink.net> for the lgdt330x frontend driver, and various bugfixes

Michael Krufky <mkrufky@linuxtv.org> for maintaining v4l/dvb inter-tree dependencies

Taylor Jacob <a href="mailto:rtjacob@earthlink.net">rtjacob@earthlink.net</a>
for the nxt2002 frontend driver

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

Kirk Lapray <a href="mailto:kirk.lapray@gmail.com">kirk Lapray@gmail.com</a> 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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@end enumerate

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@enumerate a

@item

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#### @item

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#### @item

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#### @enumerate a

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@page

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