



# Open Source Used In Cisco IOS XR Release 5.2.5

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- [Bonnie 64 Unix Performance Benchmark Unknown](#)  
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Available under license :
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  - linux 3.10.19 :wrl6
- Available under license :
  - linux-3.14.20p 3.14.20
- Available under license :
  - Mindspeed Firmware Loader for CX27470 Chip Unknown
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  - ncurses Unknown
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  - NianticPFDriver-3.13.10-k 3.13.10-k
- Available under license :
  - NianticVFDriver.2.7.12-k 2.7.12-k
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  - ntp 4.2.2
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  - ping 20100418 :2
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  - qemu 0.13.0
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Version 3, 29 June 2007

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# bridge-utils 1.2 :9.e16

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```

/*
 * $Header: /home/cvspublic/jakarta-commons/logging/LICENSE.txt,v 1.2 2003/04/06 20:37:31
rdonkin Exp $
 * $Revision: 1.2 $
 * $Date: 2003/04/06 20:37:31 $
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```
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Copyright (C) <year> <name of author>
```

```
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# Expect 1.20

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## GCC 2.95.3

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## libvirt 1.1.2

### Available under license :

LibVirt : simple API for virtualization

Libvirt is a C toolkit to interact with the virtualization capabilities of recent versions of Linux (and other OSes). It is free software available under the GNU Lesser General Public License. Virtualization of the Linux Operating System means the ability to run multiple instances of Operating Systems concurrently on a single hardware system where the basic resources are driven by a Linux instance. The library aim at providing long term stable C API initially for the Xen paravirtualization but should be able to integrate other virtualization mechanisms if needed.

Daniel Veillard <veillard@redhat.com>

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Version 2.1, February 1999

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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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# NianticPFDriver-3.13.10-k 3.13.10-k

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```
/nobackup/xdxu/tp310bf/thirdparty/opensource/linux/linux-3.10.19/drivers/net/ethernet/intel/ixgbe:85
9 grep LIC *.*
```

```
ixgbe_main.c:MODULE_LICENSE("GPL");  GNU GENERAL PUBLIC LICENSE
```

```
Version 2, June 1991
```

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```
/nobackup/xdxu/tp310bf/thirdparty/opensource/linux/linux-3.10.19/drivers/net/ethernet/intel/ixgbev:8
62 grep LIC *.*
```

```
ixgbev_main.c:MODULE_LICENSE("GPL"); GNU GENERAL PUBLIC LICENSE
```

```
Version 2, June 1991
```

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2. [2]Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
3. [3]Viraj Bais <vbais@mailman1.intel.com> and [4]Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
4. [5]Michael Barone <michael,barone@lmco.com> GPSVME fixes
5. [6]Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca> IPv6 support
6. [7]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
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9. [10]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
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12. [13]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
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-

# openssl 1.0.0.n

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```
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```

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Version 3, 29 June 2007

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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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# yaji-2.0.1 2.0.1

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