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The product also uses the Linux operating system, Centos Full 6.8. Information on this distribution is available at http://vault.centos.org/6.8/os/Source/SPackages/. The full source code for this distribution, including copyright and license information, is available on request from opensource-requests@external.cisco.com. Mention that you would like the Linux distribution source archive, and quote the following reference number for this distribution: 132404382-134510244.

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Name: cloud-init
Maintainer: Scott Moser <scott.moser@canonical.com>
Source: https://launchpad.net/cloud-init

This package was debianized by Soren Hansen <soren@ubuntu.com> on
Thu, 04 Sep 2008 12:49:15 +0200 as ec2-init. It was later renamed to
cloud-utils by Scott Moser <scott.moser@canonical.com>

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1.9 dracut 004 :409.el6_8.2

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1.14 hiera 1.3.4 :1.el6

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**1.21 kernel 2.6.32 :642.4.2.el6**

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(in case you are wondering where CyberLogin is, EON changed its login
procedure and CyberLogin is no longer used.)

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for the lgdt330x frontend driver, and various bugfixes

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for maintaining v4l/dvb inter-tree dependencies

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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.

(If you think you should be in this list, but you are not, drop a
line to the DVB mailing list)
FlashPoint Driver Developer's Kit
Version 1.0

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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
 * 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
 * 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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1.27 libxml2 2.7.6 :21.el6_8.1

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1.29 lvm2 2.02.143 :7.el6_8.1

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1.37 open-vm-tools 9.10.2 :3.el6

1.37.1 Available under license:

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Version 2.1, February 1999

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must be distributed under the terms of Sections 1 and 2 above on a
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If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
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Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
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derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
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Any executables containing that work also fall under Section 6,
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6. As an exception to the Sections above, you may also combine or
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d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.
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--------------------------------------------------------------------------

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.5 of 10 December 2007

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bzip2/libbzip2 version 1.0.5 of 10 December 2007

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1.41.1 Available under license:
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1.42 puppet 3.8.7 :1.el6

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A. HISTORY OF THE SOFTWARE
============================

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes
the various releases.

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1.48 python-gudev 147.1 :4.el6_0.1

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People who have contributed to tcsh for win32 with bugfixes, functionality, and other useful pieces of code. If I've left you out, please let me know!

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* SUCH DAMAGE.
*/
/*
 * config.h -- configure various defines for tcsh
 *
 * All source files should #include this FIRST.
 *
 * Edit this to match your system type.
 */

#ifndef _h_config
#define _h_config
/******************** System dependant compilation flags ********************/

/* POSIX	This system supports IEEE Std 1003.1-1988 (POSIX).
 */
#undef POSIX

/* POSIXJOBS	This system supports the optional IEEE Std 1003.1-1988 (POSIX)
 * job control facilities.
 */
#undef POSIXJOBS

/* VFORK	This machine has a vfork().
 * It used to be that for job control to work, this define
 * was mandatory. This is not the case any more.
 * If you think you still need it, but you don't have vfork,
 * define this anyway and then do #define vfork fork.
 * I do this anyway on a Sun because of yellow pages brain damage,
 * [should not be needed under 4.1]
 * and on the iris4d cause SGI's fork is sufficiently "virtual"
 * that vfork isn't necessary. (Besides, SGI's vfork is weird).
 * Note that some machines eg. rs6000 have a vfork, but not
 * with the berkeley semantics, so we cannot use it there either.
 */
#define VFORK

/* BSDJOBS	You have BSD-style job control (both process groups and
 * a tty that deals correctly
 */
#define BSDJOBS

/* BSDTIMES	You have BSD-style process time stuff (like rusage)
 * This may or may not be true. For example, Apple Unix
 * (OREO) has BSDJOBS but not BSDTIMES.
 */
#define BSDTIMES
/*
 * BSDLIMIT You have BSD-style resource limit stuff (getrlimit/setrlimit)
 */
#define BSDLIMIT

/*
 * TERMIO You have struct termio instead of struct sgttyb.
 * This is usually the case for SYSV systems, where
 * BSD uses sgttyb. POSIX systems should define this
 * anyway, even though they use struct termios.
 */
#undef TERMIO

/*
 * SYSVREL Your machine is SYSV based (HPUX, A/UX)
 * NOTE: don't do this if you are on a Pyramid -- tcsh is
 * built in a BSD universe.
 * Set SYSVREL to 1, 2, 3, or 4, depending the version of System V
 * you are running. Or set it to 0 if you are not SYSV based
 */
#define SYSVREL 0

/*
 * YPBUGS Work around Sun YP bugs that cause expansion of ~username
 * to send command output to /dev/null
 */
#undef YPBUGS

/************************ local defines **************************/

#undef NLS_CATALOGS
#endif /* _h_config */

1.64 tmux 1.6 :3.el6

1.64.1 Available under license:

  # START tmux completion
  # This file is in the public domain
  # See: http://www.debian-administration.org/articles/317 for how to write more.
  # Usage: Put "source bash_completion_tmux.sh" into your .bashrc
  _tmux()
  {
    local cur prev opts
    COMPREPLY=()
    cur="${COMP_WORDS[COMP_CWORD]}"

prev="\${COMP_WORDS[COMP_CWORD-1]}"

opts="\nattach-session \nbind-key \nbreak-pane \ncapture-pane \nchoose-client \nchoose-session \nchoose-window \nclear-history \nclock-mode \ncommand-prompt \nconfirm-before \ncopy-buffer \ncopy-mode \ndelete-buffer \ndetach-client \ndisplay-message \ndisplay-panes \ndown-pane \nfind-window \nhas-session \nif-shell \njoin-pane \nkill-pane \nkill-server \nkill-session \nkill-window \nlst-window \nlst-buffers \nlst-clients \nlst-commands \nlst-keys \nlst-panes \nlst-sessions \nlst-windows \nload-buffer \nlock-client \nlock-server \nlock-session \nmov-window \nnew-session \nnew-window \nnext-layout \nnext-window \npaste-buffer \n"
pipe-pane \nprevious-layout \nprevious-window \nrefresh-client \nrename-session \nrename-window \nresize-pane \nrespawn-window \nrotate-window \nrun-shell \nsave-buffer \nselect-layout \nselect-pane \nselect-prompt \nselect-window \nsend-keys \nsend-prefix \nserver-info \nset-buffer \nset-environment \nset-option \nset-window-option \nshow-buffer \nshow-environment \nshow-messages \nshow-options \nshow-window-options \nsource-file \nsplit-window \nstart-server \nsuspend-client \nswap-pane \nswap-window \nswitch-client \unbind-key \nunlink-window \nup-pane"

COMPREPLY=($(compgen -W "$opts" -- $cur))
return 0

}
#include <sys/param.h>
#include <sys/proc.h>
#include <sys/stat.h>
#include <sys/sysctl.h>
#include <sys/user.h>

#include <err.h>
#include <errno.h>
#include <event.h>
#include <stdint.h>
#include <stdlib.h>
#include <string.h>
#include <unistd.h>
#include <libutil.h>

struct kinfo_proc *cmp_procs(struct kinfo_proc *, struct kinfo_proc *);
char *osdep_get_name(int, char *);
char *osdep_get_cwd(pid_t);
struct event_base *osdep_event_init(void);

#ifndef nitems
#define nitems(_a) (sizeof((_a)) / sizeof((_a)[0]))
#endif

#define is_runnable(p) ((p)->ki_stat == SRUN || (p)->ki_stat == SIDL)
#define is_stopped(p) ((p)->ki_stat == SSTOP || (p)->ki_stat == SZOMB)

struct kinfo_proc *cmp_procs(struct kinfo_proc *p1, struct kinfo_proc *p2)
{
    if (is_runnable(p1) && !is_runnable(p2))
char *
osdep_get_name(int fd, char *tty)
{
    int mib[4] = { CTL_KERN, KERN_PROC, KERN_PROC_PGRP, 0 };
    struct stat sb;
    size_t len;
    struct kinfo_proc *buf, *newbuf, *bestp;
    u_int i;
    char *name;

    buf = NULL;

    if (stat(tty, &sb) == -1)
        return (NULL);
    if ((mib[3] = tcgetpgrp(fd)) == -1)
        return (NULL);

    retry:
        if (sysctl(mib, nitems(mib), NULL, &len, NULL, 0) == -1)
char *
osdep_get_cwd(pid_t pid)
{
    static char wd[PATH_MAX];
    struct kinfo_file*info = NULL;
    int nrecords, i;

    if ((info = kinfo_getfile(pid, &nrecords)) == NULL)
        return (NULL);

    for (i = 0; i < nrecords; i++) {
        if (info[i].kf_fd == KF_FD_TYPE_CWD) {
            strlcpy(wd, info[i].kf_path, sizeof wd);
        }
    }

    name = NULL;
    if (bestp != NULL)
        name = strdup(bestp->ki_comm);

    free(buf);
    return (name);
}

error:
    free(buf);
    return (NULL);


free(info);
return (wd);
}

free(info);
return (NULL);
}

struct event_base *
osdep_event_init(void)
{
/*
 * On some versions of FreeBSD, kqueue doesn't work properly on tty
 * file descriptors. This is fixed in recent FreeBSD versions.
 */
setenv("EVENT_NOKQUEUE", "1", 1);
return (event_init());
}
/* $Id: osdep-netbsd.c 2647 2011-12-09 16:37:29Z nicm $ */

/*
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 */

#include <sys/param.h>
#include <sys/proc.h>
#include <sys/stat.h>
#include <sys/sysctl.h>
#include <errno.h>
#include <event.h>
#include <stdlib.h>
#include <string.h>
#include <unistd.h>
```c
#define is_runnable(p) 
   ((p)->p_stat == LSRUN || (p)->p_stat == SIDL)
#define is_stopped(p) 
   ((p)->p_stat == SSTOP || (p)->p_stat == SZOMB)

struct kinfo_proc2* cmp_procs(struct kinfo_proc2 *p1, struct kinfo_proc2 *p2)
{
if (is_runnable(p1) && !is_runnable(p2))
   return (p1);
if (!is_runnable(p1) && is_runnable(p2))
   return (p2);

if (is_stopped(p1) && !is_stopped(p2))
   return (p1);
if (!is_stopped(p1) && is_stopped(p2))
   return (p2);

if (p1->p_estcpu > p2->p_estcpu)
   return (p1);
if (p1->p_estcpu < p2->p_estcpu)
   return (p2);

if (p1->p_slptime < p2->p_slptime)
   return (p1);
if (p1->p_slptime > p2->p_slptime)
   return (p2);

if (p1->p_pid > p2->p_pid)
   return (p1);
return (p2);
}

char *
osdep_get_name(int fd, __unused char *tty)
{
   int mib[6];
   struct stat sb;
   size_t len, i;
   struct kinfo_proc2 *buf, *newbuf, *bestp;
   char *name;

   if (stat(tty, &sb) == -1)
```
return (NULL);
if ((mib[3] = tcgetpgrp(fd)) == -1)
return (NULL);

buf = NULL;
len = sizeof(bestp);
mib[0] = CTL_KERN;
mib[1] = KERN_PROC2;
mib[2] = KERN_PROC_PGRP;
mib[4] = sizeof (*buf);
mib[5] = 0;

retry:
if (sysctl(mib, __arraycount(mib), NULL, &len, NULL, 0) == -1)
return (NULL);

if ((newbuf = realloc(buf, len * sizeof (*buf))) == NULL)
goto error;
buf = newbuf;

mib[5] = len / sizeof(*buf);
if (sysctl(mib, __arraycount(mib), buf, &len, NULL, 0) == -1) {
if (errno == ENOMEM)
goto retry; /* possible infinite loop? */
goto error;
}

bestp = NULL;
for (i = 0; i < len / sizeof (*buf); i++) {
if (buf[i].p_tdev != sb.st_rdev)
continue;
if (bestp == NULL)
bestp = &buf[i];
else
bestp = cmp_procs(&buf[i], bestp);
}

name = NULL;
if (bestp != NULL)
name = strdup(bestp->p_comm);
free(buf);
return (name);

error:
free(buf);
return (NULL);
char *
osdep_get_cwd(pid_t pid)
{
    return (NULL);
}

struct event_base *
ospdep_event_init(void)
{
    return (event_init());
}

/* $Id: osdep-openbsd.c 2647 2011-12-09 16:37:29Z nicm $ */

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 */

#include <sys/param.h>
#include <sys/sysctl.h>
#include <sys/stat.h>

#include <errno.h>
#include <event.h>
#include <stdlib.h>
#include <string.h>
#include <unistd.h>

#ifndef nitems
#define nitems(_a) (sizeof((_a)) / sizeof((_a)[0]))
#endif

#define is_runnable(p) 
((p)->p_stat == SRUN || (p)->p_stat == SIDL || (p)->p_stat == SONPROC)
#define is_stopped(p) 
((p)->p_stat == SSTOP || (p)->p_stat == SZOMB || (p)->p_stat == SDEAD)
struct kinfo_proc* cmp_procs(struct kinfo_proc *, struct kinfo_proc *);
char* osdep_get_name(int, char *);
char* osdep_get_cwd(pid_t);
struct event_base* osdep_event_init(void);

struct kinfo_proc *
cmp_procs(struct kinfo_proc *p1, struct kinfo_proc *p2)
{
    if (is_runnable(p1) && !is_runnable(p2))
        return (p1);
    if (!is_runnable(p1) && is_runnable(p2))
        return (p2);

    if (is_stopped(p1) && !is_stopped(p2))
        return (p1);
    if (!is_stopped(p1) && is_stopped(p2))
        return (p2);

    if (p1->p_estcpu > p2->p_estcpu)
        return (p1);
    if (p1->p_estcpu < p2->p_estcpu)
        return (p2);

    if (p1->p_slptime < p2->p_slptime)
        return (p1);
    if (p1->p_slptime > p2->p_slptime)
        return (p2);

    if ((p1->p_flag & P_SINTR) && !(p2->p_flag & P_SINTR))
        return (p1);
    if (!!(p1->p_flag & P_SINTR) && (p2->p_flag & P_SINTR))
        return (p2);

    if (strcmp(p1->p_comm, p2->p_comm) < 0)
        return (p1);
    if (strcmp(p1->p_comm, p2->p_comm) > 0)
        return (p2);

    if (p1->p_pid > p2->p_pid)
        return (p1);
    return (p2);
}

char *
osdep_get_name(int fd, char *tty)
{
    int mib[6] = { CTL_KERN, KERN_PROC, KERN_PROC_PGRP, 0,
sizeof(struct kinfo_proc), 0 );
struct stat sb;
size_t len;
struct kinfo_proc *buf, *newbuf, *bestp;
uint i;
char*name;

buf = NULL;

if (stat(tty, &sb) == -1)
    return (NULL);
if ((mib[3] = tcgetpgrp(fd)) == -1)
    return (NULL);
retry:
if (sysctl(mib, nitems(mib), NULL, &len, NULL, 0) == -1)
    return (NULL);
len = (len * 5) / 4;
if ((newbuf = realloc(buf, len)) == NULL)
goto error;
buf = newbuf;

mib[5] = (int)(len / sizeof(struct kinfo_proc));
if (sysctl(mib, nitems(mib), buf, &len, NULL, 0) == -1) {
    if (errno == ENOMEM)
        goto retry;
    goto error;
}
bestp = NULL;
for (i = 0; i < len / sizeof (struct kinfo_proc); i++) {
    if ((dev_t)buf[i].p_tdev != sb.st_rdev)
        continue;
    if (bestp == NULL)
        bestp = &buf[i];
    else
        bestp = cmp_procs(&buf[i], bestp);
}

name = NULL;
if (bestp != NULL)
    name = strdup(bestp->p_comm);
free(buf);
return (name);
	error:
free(buf);
return (NULL);
}

char *
osdep_get_cwd(pid_t pid)
{
    int name[] = { CTL_KERN, KERN_PROC_CWD, (int)pid }; // Note: 
    static char path[MAXPATHLEN];
    size_t pathlen = sizeof path;

    if (sysctl(name, 3, path, &pathlen, NULL, 0) != 0)
        return (NULL);
    return (path);
}

struct event_base *
osdep_event_init(void)
{
    return (event_init());
}

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