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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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loginrec.c

loginrec.h

atomicio.h

atomicio.c

and strlcat() (included in util.c) are from OpenSSH 3.6.1p2, and are licensed under the 2 point BSD license.

loginrec is written primarily by Andre Lucas, atomicio.c by Theo de Raadt.

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Import code in keyimport.c is modified from PuTTY's import.c, licensed as follows:

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\*  
\* curve25519-donna: Curve25519 elliptic curve, public key function  
\*  
\* <http://code.google.com/p/curve25519-donna/>  
\*  
\* Adam Langley <agl@imperialviolet.org>  
\*  
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\* More information about curve25519 can be found here  
\* <http://cr.yp.to/ecdh.html>  
\*  
\* djb's sample implementation of curve25519 is written in a special assembly  
\* language called qhasm and uses the floating point registers.  
\*  
\* This is, almost, a clean room reimplementation from the curve25519 paper. It  
\* uses many of the tricks described therein. Only the crecip function is taken

\* from the sample implementation.

\*/

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## THE BASIC LIBRARY FUNCTIONS

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Cambridge, England.

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## PCRE JUST-IN-TIME COMPILATION SUPPORT

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Written by: Zoltan Herczeg  
Email local part: hzmester  
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Time and the Arts

@(#) tz-art.htm 8.20

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Please send corrections to this web page to the time zone mailing list.

See also Sources for Time Zone and Daylight Saving Time Data.

Data on recordings of "Save That Time," Russ Long, Serrob Publishing, BMI:

Artist Karrin Allyson

CD I Didn't Know About You

Copyright Date 1993

Label Concord Jazz, Inc.

ID CCD-4543

Track Time 3:44

Personnel Karrin Allyson, vocal; Russ Long, piano; Gerald Spaits, bass; Todd Strait, drums

Notes CD notes "additional lyric by Karrin Allyson; arranged by Russ Long and Karrin Allyson"

ADO Rating 1 star

AMG Rating 4 stars

Penguin Rating 3.5 stars

Artist Kevin Mahogany

CD Double Rainbow

Copyright Date 1993

Label Enja Records

ID ENJ-7097 2

Track Time 6:27

Personnel Kevin Mahogany, vocal; Kenny Barron, piano; Ray Drummond, bass; Ralph Moore, tenor saxophone;

Lewis Nash, drums

ADO Rating 1.5 stars

AMG Rating 3 stars

Penguin Rating 3 stars

Artist Joe Williams

CD Here's to Life

Copyright Date 1994

Label Telarc International Corporation

ID CD-83357

Track Time 3:58

Personnel Joe Williams, vocal The Robert Farnon [39 piece] Orchestra

Notes This CD is also available as part of a 3-CD package from Telarc, "Triple Play" (CD-83461)

ADO Rating black dot

AMG Rating 2 stars

Penguin Rating 3 stars

Artist Charles Fambrough

CD Keeper of the Spirit

Copyright Date 1995

Label AudioQuest Music

ID AQ-CD1033

Track Time 7:07

Personnel Charles Fambrough, bass; Joel Levine, tenor recorder; Edward Simon, piano; Lenny White, drums; Marion Simon, percussion

Notes On-line information and samples available at <http://wwwmusic.com/~music/audioq/rel/1033.html>

ADO Rating 2 stars

AMG Rating unrated

Penguin Rating 3 stars

Also of note:

Artist Holly Cole Trio

CD Blame It On My Youth

Copyright Date 1992

Label Manhattan

ID CDP 7 97349 2

Total Time 37:45

Personnel Holly Cole, voice; Aaron Davis, piano; David Piltch, string bass

Notes Lyrical reference to "Eastern Standard Time" in Tom Waits' "Purple Avenue"

ADO Rating 2.5 stars

AMG Rating 3 stars

Penguin Rating unrated

Artist Milt Hinton

CD Old Man Time

Copyright Date 1990

Label Chiaroscuro

ID CR(D) 310

Total Time 149:38 (two CDs)

Personnel Milt Hinton, bass; Doc Cheatham, Dizzy Gillespie, Clark Terry, trumpet; Al Grey, trombone; Eddie Barefield, Joe Camel (Flip Phillips), Buddy Tate, clarinet and saxophone; John Bunch, Red Richards, Norman Simmons, Derek Smith, Ralph Sutton, piano; Danny Barker, Al Casey, guitar; Gus Johnson, Gerryck King, Bob Rosengarden, Jackie Williams, drums; Lionel Hampton, vibraphone; Cab Calloway, Joe Williams, vocal; Buck Clayton, arrangements

Notes tunes include Old Man Time, Time After Time, Sometimes I'm Happy, A Hot Time in the Old Town Tonight, Four or Five Times, Now's the Time, Time on My Hands, This Time It's Us, and Good Time Charlie On-line samples available at <http://www.chiaroscurojazz.com/albuminfo.php3?albumid=49>

ADO Rating 3 stars

AMG Rating 4.5 stars

Penguin Rating 3 stars

Artist Alan Broadbent

CD Pacific Standard Time

Copyright Date 1995

Label Concord Jazz, Inc.

ID CCD-4664

Total Time 62:42

Personnel Alan Broadbent, piano; Putter Smith, Bass; Frank Gibson, Jr., drums

Notes The CD cover features an analemma for equation-of-time fans

ADO Rating 1 star

AMG Rating 4 stars

Penguin Rating 3.5 stars

Artist Anthony Braxton/Richard Teitelbaum

CD Silence/Time Zones

Copyright Date 1996

Label Black Lion

ID BLCD 760221

Total Time 72:58

Personnel Anthony Braxton, soprano and alto saxophones, contrebasse clarinet, miscellaneous instruments; Leo Smith, trumpet and miscellaneous instruments; Leroy Jenkins, violin and miscellaneous instruments; Richard Teitelbaum, modular moog and micromoog synthesizer

ADO Rating black dot

AMG Rating unrated

Artist Charles Gayle

CD Time Zones

Copyright Date 2006

Label Tompkins Square

ID TSQ2839

Total Time 49:06

Personnel Charles Gayle, piano

ADO Rating 1 star

AMG Rating 4.5 stars

Artist The Get Up Kids

CD Eudora

Copyright Date 2001

Label Vagrant

ID 357

Total Time 65:12

Notes Includes the song "Central Standard Time." Thanks to Colin Bower for this information.

AMG Rating 2.5 stars

Artist Coldplay

Song Clocks

Copyright Date 2003

Label Capitol Records

ID 52608

Total Time 4:13

Notes Won the 2004 Record of the Year honor at the Grammy Awards. Co-written and performed by Chris Martin, great-great-grandson of DST inventor William Willett. The song's first line is "Lights go out and I can't be saved".

Artist Irving Kahal and Harry Richman

Song There Ought to be a Moonlight Saving Time

Copyright Date 1931

Notes This musical standard was a #1 hit for Guy Lombardo in 1931, and was also performed by Maurice Chevalier, Blossom Dearie and many others. The phrase "Moonlight saving time" also appears in the 1995 country song "Not Enough Hours in the Night" written by Aaron Barker, Kim Williams and Rob Harbin and performed by Doug Supernaw.

Artist The Microscopic Septet

CD Lobster Leaps In

Copyright Date 2008

Label Cuneiform

ID 272

Total Time 73:05

Notes Includes the song "Twilight Time Zone."

AMG Rating 3.5 stars

ADO Rating 2 stars

Artist Bob Dylan

CD The Time They Are A-Changin'

Copyright Date 1964

Label Columbia

ID CK-8905

Total Time 45:36

AMG Rating 4.5 stars

ADO Rating 1.5 stars

Notes The title song is also available on "Bob Dylan's Greatest Hits" and "The Essential Bob Dylan."

Artist Luciana Souza

CD Tide

Copyright Date 2009

Label Universal Jazz France

ID B0012688-02

Total Time 42:31

AMG Rating 3.5 stars

ADO Rating 2.5 stars

Notes Includes the song "Fire and Wood" with the lyric "The clocks were turned back you remeber/Think it's still November."

Artist Ken Nordine

CD You're Getting Better: The Word Jazz Dot Masters

Copyright Date 2005

Label Geffen

ID B0005171-02

Total Time 156:22

ADO Rating 1 star

AMG Rating 4.5 stars

Notes Includes the piece "What Time Is It" ("He knew what time it was everywhere...that counted").

TV episode title The Lost Hour

TV series Eerie, Indiana

TV episode number 10

Network NBC

Air date 1991-12-01

Notes Despite Indiana's then-lack of DST, Marshall changes his clock with unusual consequences.

TV episode title Time Tunnel

TV series The Adventures of Pete & Pete

TV episode number 5, season 2

Network Nickelodeon

Air date 1994-10-23

Notes The two Petes travel back in time an hour on the day that DST ends.

TV episode title King-Size Homer

TV series The Simpsons

TV episode number 135

Network Fox

Air date 1995-11-05

Notes Homer, working from home, remarks "8:58, first time I've ever been early for work. Except for all those daylight savings days. Lousy farmers."

Artist Jules Verne

Book *Le Tour du Monde en Quatre-Vingts Jours* (Around the World in Eighty Days)

Notes Wall-clock time plays a central role in the plot. European readers of the 1870s clearly held the U.S. press in deep contempt: the protagonists cross the U.S. without once reading a paper. An on-line French-language version of the book "with illustrations from the original 1873 French-language edition" is available at <http://fourmilab.ch/etexts/www/tdm80j> An on-line English-language translation of the book is available at <http://www.literature.org/Works/Jules-Verne/eighty>

Artist Umberto Eco

Book *The Island of the Day Before* (*L'isola del giorno prima*)

Copyright Date 1994

Notes "...the story of a 17th century Italian nobleman trapped near an island on the International Date Line. Time and time zones play an integral part in the novel." (Paul Eggert, 2006-04-22)

Artist David Jebb

Book *The Thirteenth Time Zone*

Notes "It's fiction, but it's based on his experiences and travels." (Paul Eggert, 2006-04-22)

Artist John Dunning

Book *Two O'Clock, Eastern Wartime*

Copyright Date 2001

Notes Mystery, history, daylight saving time, and old-time radio.

Film *Bell Science - About Time*

Notes The Frank Baxter/Richard Deacon extravaganza. Information is available at <http://www.videoflicks.com/titles/1035/1035893.htm>

/ ¶ An episode of "The Adventures of Superman" entitled "The Mysterious Cube," first aired 1958-02-24, had Superman convincing the controllers of WWV to broadcast time signals five minutes ahead of actual time; doing so got a crook trying to beat the statute of limitations to emerge a bit too early from the titular enclosure.

/ ⌈ The 1960s ITC television series "The Prisoner" included an episode entitled "The Chimes of Big Ben" in which our protagonist tumbled to the fraudulent nature of a Poland-to-England escape upon hearing "Big Ben" chiming on Polish local time.

/ ⌈ The series "Seinfeld" included an episode entitled "The Susie," first broadcast 1997-02-13, in which Kramer decides that daylight saving time isn't coming fast enough, so he sets his watch ahead an hour.

/ ⌈ The syndicated comic strip "Dilbert" featured an all-too-rare example of time zone humor on 1998-03-14.

/ ⌈ Surrealist artist Guy Billout's work "Date Line" appeared on page 103 of the 1999-11 Atlantic Monthly.

/ ⌈ "Gloom, Gloom, Go Away" by Walter Kirn appeared on page 106 of Time Magazine's 2002-11-11 issue; among other things, it proposed year-round DST as a way of lessening wintertime despair.

/ ⌈ The "20 Hours in America" episode of "The West Wing," first aired 2002-09-25, saw White House staffers stranded in Indiana; they thought they had time to catch Air Force One but were done in by intra-Indiana local time changes.

/ ⌈ "In what time zone would you find New York City?" was a \$200 question on the 1999-11-13 United States airing of "Who Wants to Be a Millionaire?" "In 1883, what industry led the movement to divide the U.S. into four time zones?" was a \$32,000 question on the 2001-05-23 United States airing of "Who Wants to Be a Millionaire?" At this rate, the million-dollar time-zone question should have been asked 2002-06-04.

/ ⌈ A private jet's mid-flight change of time zones distorts Alison Dubois' premonition in the "We Had a Dream" episode of "Medium" (originally aired 2007-02-28).

/ ⌈ In the "30 Rock" episode "Anna Howard Shaw Day" (first broadcast 2010-02-11), Jack Donaghy's date realizes that a Geneva-to-New-York business phone call received in the evening must be fake given the difference in local times.

/⌈ In the 1946 movie "A Matter of Life and Death" (U.S. title "Stairway to Heaven") there is a reference to British Double Summer Time. The time does not play a large part in the plot; it's just a passing reference to the time when one of the characters was supposed to have died (but didn't). The IMDb page is at <http://us.imdb.com/title/tt0038733/>. (Dave Cantor)

/⌈ The 1953 railway comedy movie "The Titfield Thunderbolt" includes a play on words on British Double Summer Time. Valentine's wife wants him to leave the pub and asks him, "Do you know what time it is?" And he, happy where he is, replies: "Yes, my love. Summer double time." IMDb page: <http://us.imdb.com/title/tt0046436/>. (Mark Brader, 2009-10-02)

/ ⌈ The premise of the 1999 caper movie "Entrapment" involves computers in an international banking network being shut down briefly at midnight in each time zone to avoid any problems at the transition from the year 1999 to 2000 in that zone. (Hmmm.) If this shutdown is extended by 10 seconds, it will create a one-time opportunity for a gigantic computerized theft. To achieve this, at one location the crooks interfere with the microwave system supplying time signals to the computer, advancing the time by 0.1 second each minute over the last hour of 1999. (So this movie teaches us that  $0.1 \times 60 = 10$ .) IMDb page: <http://us.imdb.com/title/tt0137494/>. (Mark Brader, 2009-10-02)

/ ⌈ In "The Todd Couple" episode of "Outsourced" (first aired 2011-02-10), Manmeet sets up teledates for 6:00 and 9:00; since one is with a New Yorker and the other with a San Franciscan, hilarity ensues.

/ ⌈ "We're been using the five-cent nickle in this country since 1492. Now that's pretty near 100 years, daylight savings [sic]." (Groucho Marx as Captain Spaulding in "Animal Crackers", 1930, as noted by Will

Fitzerald)

/ ⌈ Brady: "... [Bishop Usher] determined that the Lord began the Creation on the 23rd of October in the Year 4004 B.C. at -- uh, at 9 A.M.!"

Drummond: "That Eastern Standard Time? (Laughter) Or Rocky Mountain Time? (More laughter) It wasn't daylight-saving time, was it? Because the Lord didn't make the sun until the fourth day!"

(From the play "Inherit the Wind" by Jerome Lawrence and Robert E. Lee, filmed in 1960 with Spencer Tracy as Drummond and Fredric March as Brady, and several other times. Thanks to Mark Brader.)

/ ⌈ "Good news." "What did they do? Extend Daylight Saving Time year round?" (Professional tanner George Hamilton, in dialog from a May, 1999 episode of the syndicated television series "Baywatch")

/ ⌈ "A fundamental belief held by Americans is that if you are on land, you cannot be killed by a fish... So most Americans remain on land, believing they're safe. Unfortunately, this belief--like so many myths, such as that there's a reason for 'Daylight Saving Time'--is false." (Dave Barry column, 2000-07-02)

/ ⌈ "I once had sex for an hour and five minutes, but that was on the day when you turn the clocks ahead." (Garry Shandling, 52nd Annual Emmys, 2000-09-10)

/ ⌈ "Would it impress you if I told you I invented Daylight Savings Time?" ("Sahjhan" to "Lilah" in dialog from the "Loyalty" episode of "Angel," originally aired 2002-02-25)

/ ⌈ "I thought you said Tulsa was a three hour flight." "Well, you're forgetting about the time difference." ("Chandler" and "Joey" in dialog from the episode of "Friends" first aired 2002-12-05)

/ ⌈ "Is that a pertinent fact, or are you trying to dazzle me with your command of time zones?" (Kelsey Grammer as "Frasier Crane")

/ ⌈ "Don't worry about the world coming to an end today. It is already tomorrow in Australia." (Charles M. Schulz, provided by Steve Summit)

/ ⌈ "I put myself and my staff through this crazy, huge ordeal, all because I refused to go on at midnight, okay? And so I work, you know, and then I get this job at eleven, supposed to be a big deal. Then yesterday daylight [saving] time ended. Right now it's basically midnight." (Conan O'Brien on the 2010-11-08 premier of "Conan.")

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