

Licensing Information User Manual Oracle ILOM Firmware Release 5.1.x



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```

```
== DEPENDENCY #1: ash
/*
 * Arithmetic code ripped out of ash shell for code sharing.
 *
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 *
 * Copyright (c) 1997-2005 Herbert Xu
 * was re-ported from NetBSD and debianized.
 *
 * rewrite arith.y to micro stack based cryptic algorithm by
 * Copyright (c) 2001 Aaron Lehmann
 *
 * Modified by Paul Mundt (c) 2004 to support
 * dynamic variables.
 *
 * Modified by Vladimir Oleynik (c) 2001-2005 to be
 * used in busybox and size optimizations,
 * rewrote arith (see notes to this), added locale support,
 * rewrote dynamic variables.
 *
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*/

----- (separator) -----
== DEPENDENCY #2: bzip2 (bzlib)
bzip2 applit in busybox is based on lightly-modified source
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=====

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Julian Seward, Cambridge, UK.
jseward@bzip.org
bzip2/libbzip2 version 1.0.4 of 20 December 2006

```
----- (separator) -----  
== DEPENDENCY #3: devfsd  
/*  
    devfsd implementation for busybox  
  
    Copyright (C) 2003 by Tito Ragusa  
  
    Busybox version is based on some previous work and ideas  
    Copyright (C) [2003] by [Matteo Croce] <3297627799@wind.it>  
  
    devfsd.c  
  
    Main file for devfsd (devfs daemon for Linux).  
  
    Copyright (C) 1998-2002 Richard Gooch  
  
    devfsd.h  
  
    Header file for devfsd (devfs daemon for Linux).  
  
    Copyright (C) 1998-2000 Richard Gooch  
  
    compat_name.c  
  
    Compatibility name file for devfsd (build compatibility names).  
  
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```

expression.c

This code provides Borne Shell-like expression expansion.

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Richard Gooch may be reached by email at rgooch@atnf.csiro.au
The postal address is:

Richard Gooch, c/o ATNF, P. O. Box 76, Epping, N.S.W., 2121, Australia.

*/

----- (separator) -----

== DEPENDENCY #4: fdisk_osf

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Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA
02111-1307 USA. */
```

```
----- (separator) -----
== NAME OF DEPENDENCY #6: inetd
/*      $Slackware: inetd.c 1.79s 2001/02/06 13:18:00 volkerdi Exp $      */
/*      $OpenBSD: inetd.c,v 1.79 2001/01/30 08:30:57 deraadt Exp $      */
/*      $NetBSD: inetd.c,v 1.11 1996/02/22 11:14:41 mycroft Exp $      */
/* Busybox port by Vladimir Oleynik (C) 2001-2005      */
/* IPv6 support, many bug fixes by Denys Vlasenko (c) 2008 */
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 */
```

```
----- (separator) -----
== DEPENDENCY #7: libbb
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*/

```

----- (separator) -----

```

== DEPENDENCY #8: libcrypt
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* FreeSec: libcrypt for NetBSD
*
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*
* Adapted for FreeBSD-2.0 by Geoffrey M. Rehmet
*   this file should now *only* export crypt(), in order to make
*   binaries of libcrypt exportable from the USA
*
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*
* This is an original implementation of the DES and the crypt(3) interfaces
* by David Burren .
*
* An excellent reference on the underlying algorithm (and related
* algorithms) is:
*
*   B. Schneier, Applied Cryptography: protocols, algorithms,
*   and source code in C, John Wiley & Sons, 1994.
*
* Note that in that book's description of DES the lookups for the initial,
* pbox, and final permutations are inverted (this has been brought to the
* attention of the author). A list of errata for this book has been
* posted to the sci.crypt newsgroup by the author and is available for FTP.
*
* ARCHITECTURE ASSUMPTIONS:
*   It is assumed that the 8-byte arrays passed by reference can be
*   addressed as arrays of uint32_t's (ie. the CPU is not picky about
*   alignment).
*/
```

```
----- (separator) -----
== DEPENDENCY #9: libpwdgrp
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*/
```

```
----- (separator) -----
== DEPENDENCY #10: ntpd
/*
* NTP client/server, based on OpenNTPD 3.9p1
*
* Busybox port author: Adam Tkac (C) 2009
*
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*****
*
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----- (separator) -----
== DEPENDENCY #11: progress bar
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*/
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----- (separator) -----

```
== DEPENDENCY #12: runit
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```

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*/
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----- (separator) -----

```
== DEPENDENCY #13: volume_id
/*
```

```
* volume_id - reads filesystem label and uuid
*
```

```
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*
```

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*/
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```
3. Eric Young 1995-98 (various forms and years depending on the source module)
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Eric Young 1 -----
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```
des.h
```

```
/* $NetBSD: des.h,v 1.5 2001/09/09 11:01:02 tls Exp $ */
```

```
/* $KAME: des.h,v 1.7 2000/09/18 20:59:21 itojun Exp $ */
```

```
/* lib/des/des.h */
```

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des_cbc.c

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/* $NetBSD: des_ecb.c,v 1.7 2002/11/02 07:19:51 perry Exp $ */
/* $KAME: des_ecb.c,v 1.5 2000/11/06 13:58:08 itojun Exp $ */

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/* $NetBSD: des_locl.h,v 1.4 2001/09/09 11:01:02 tls Exp $ */
/* $KAME: des_locl.h,v 1.6 2000/11/06 13:58:09 itojun Exp $ */

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/* $NetBSD: des_setkey.c,v 1.8 2002/11/07 07:04:13 thorpej Exp $ */
/* $KAME: des_setkey.c,v 1.6 2001/07/03 14:27:53 itojun Exp $ */

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/* $NetBSD: podd.h,v 1.1 2000/06/14 19:45:36 thorpej Exp $ */
/* $KAME: podd.h,v 1.3 2000/03/27 04:36:34 sumikawa Exp $ */

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gawk

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glibc

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libesmtp

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NTP

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <https://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 <https://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 <https://www.zope.org/>). In 2001, the Python Software Foundation (PSF, see <https://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.

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Release	Derived from	Year	Owner	GPL compatible?
0.9.0 thru 1.2	n/a	1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	no
2.1	2.0+1.6.1	2001	PSF	no

2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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Mersenne Twister

The `:mod:`!_random`` C extension underlying the `:mod:`random`` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`
or `init_by_array(init_key, key_length)`.

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Any feedback is very welcome.
<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>
email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

Sockets

The `:mod:`socket`` module uses the functions, `:c:func:`!getaddrinfo``, and
`:c:func:`!getnameinfo``, which are coded in separate source files from the WIDE
Project, <https://www.wide.ad.jp/>. ::

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Asynchronous socket services

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Cookie management

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Execution tracing

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UUencode and UUdecode functions

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

XML Remote Procedure Calls

The :mod:`xmlrpc.client` module contains the following notice::

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Select kqueue

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SipHash24

The file :file:`Python/pyhash.c` contains Marek Majkowski's implementation of Dan Bernstein's SipHash24 algorithm. It contains the following note::

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Original location:

<https://github.com/majek/csiphash/>

Solution inspired by code from:

Samuel Neves ([supercop/crypto_auth/siphash24/little](https://github.com/supercop/crypto_auth/siphash24/little))

djb ([supercop/crypto_auth/siphash24/little2](https://github.com/supercop/crypto_auth/siphash24/little2))

Jean-Philippe Aumasson (<https://131002.net/siphash/siphash24.c>)

strtod and dtoa

The file `:file:`Python/dtoa.c``, which supplies C functions `dtoa` and `strtod` for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available from <https://web.archive.org/web/20220517033456/http://www.netlib.org/fp/dtoa.c>. The original file, as retrieved on March 16, 2009, contains the following copyright and licensing notice::

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OpenSSL

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Jean-loup Gailly Mark Adler
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cfuhash

The implementation of the hash table used by the `:mod:`tracemalloc`` is based on the cfuhash project::

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W3C C14N test suite

The C14N 2.0 test suite in the :mod:`test` package (`Lib/test/xmltestdata/c14n-20/`) was retrieved from the W3C website at <https://www.w3.org/TR/xml-cl4n2-testcases/> and is distributed under the 3-clause BSD license:

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Audioop

The audioop module uses the code base in g771.c file of the SoX project.
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asyncio

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solaris-openssl-fips

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.\"      from: @(#)strftime.3          5.12 (Berkeley) 6/29/91
.\"              $Id: strftime.3,v 1.4 1993/12/15 20:33:00 jtc Exp $
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/* Convert a broken-down timestamp to a string. */

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

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