```
**********************************************************
    8826 Mon Aug 19 14:11:38 2019
new/usr/src/man/man3lib/libSMHBAAPI.3lib
11583 Some man3lib pages are missing parts of the SYNOPSIS
**********************************************************
'\" te
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.\" the fields enclosed by brackets "[]" replaced with your own identifying info
.TH LIBSMHBAAPI 3LIB "Aug 19, 2019"
.TH LIBSMHBAAPI 3LIB "Sep 28, 2009"
.SH NAME
libSMHBAAPI, libsmhbaapi, SMHBA_GetAdapterAttributes,
SMHBA_GetAdapterPortAttributes, SMHBA_GetBindingCapability,
SMHBA_GetBindingSupport, SMHBA_GetDiscoveredPortAttributes,
SMHBA_GetFCPhyAttributes, SMHBA_GetLUNStatistics, SMHBA_GetNumberofPorts,
SMHBA_GetPersistentBinding, SMHBA_GetPhyStatistics,
SMHBA_GetPortAttributesByWWN, SMHBA_GetPortType, SMHBA_GetProtocolStatistics,
SMHBA_GetSASPhyAttributes, SMHBA_GetTargetMapping,
SMHBA_GetVendorLibraryAttributes, SMHBA_GetVersion,
SMHBA_GetWrapperLibraryAttributes, SMHBA_RegisterForAdapterAddEvents,
SMHBA_RegisterForAdapterEvents, SMHBA_RegisterForAdapterPhyStatEvents,
SMHBA_RegisterForAdapterPortEvents, SMHBA_RegisterForAdapterPortStatEvents,
SMHBA_RegisterForTargetEvents, SMHBA_RegisterLibrary,
SMHBA_RemoveAllPersistentBindings, SMHBA_RemovePersistentBinding,
SMHBA_ScsiInquiry, SMHBA_ScsiReadCapacity, SMHBA_ScsiReportLuns,
SMHBA_SendECHO, SMHBA_SendSMPPassThru, SMHBA_SendTEST, SMHBA_SetBindingSupport,
SMHBA_SetPersistentBinding \- Common Storage Management HBA information library
.SH SYNOPSIS
.LP
.nf
cc [ \fIflag\fR... ] \fIfile\fR... \fB-lSMHBAAPI\fR [ \fIlibrary\fR... ]
cc [ \fIflag\fR\&.\|.\|. ] \fIfile\fR\&.\|.\|. \fB-lSMHBAAPI\fR [ \fIlibrary\fR\
#include <smhbaapi.h>
.fi

.SH DESCRIPTION
.sp
.LP
The functions in this library access Fibre Channel and/or Serial Attached SCSI
HBA data depending on vendor provided implementation underneath.
.sp
.LP
HBA information is provided through a standard interface in a vendor
independent manner. This common interface provides access to the following
information:
.RS +4
.TP
.ie t \(bu
.el o
Local HBA attributes
.RE
.RS +4
.TP
.ie t \(bu
.el o
Local HBA port attributes and statistics
.RE
.RS +4
.TP
.ie t \(bu
.el o
Mapping between discovered devices and operating system SCSI information
.RE
.RS +4
```



```
.TP
.ie t \(bu
.el o
Discovered devices port attributes
.RE
.RS +4
.TP
.ie t \(bu
.el o
SCSI commands for discovered devices (Report LUNS, Read Capacity, and Inquiry)
.RE
.RS +4
.TP
.ie t \(bu
.el o
Storage Management Protocol commands to discover Serial Attached SCSI
Storage Managment Protocol commands to discover Serial Attached SCSI
configuration details
.RE
.RS +4
.TP
.ie t \(bu
.el o
Common Transport commands to discover Fibre Channel Fabric details
.RE
.SH INTERFACES
.sp
.LP
The shared object \fBlibSMHBAAPI.so.1\fR provides the public interfaces defined
below. See \fBIntro\fR(3) for additional information on shared object
interfaces.
.sp

.sp
.TS
l l
l l .
\fBHBA_CloseAdapter\fR  \fBHBA_FreeLibrary\fR
\fBHBA_GetAdapterName\fR        \fBHBA_GetNumberOfAdapters\fR
\fBHBA_GetRNIDMgmtInfo\fR       \fBHBA_LoadLibrary\fR
\fBHBA_OpenAdapter\fR   \fBHBA_RefreshAdapterConfiguration\fR
\fBHBA_RefreshInformation\fR    \fBHBA_RegisterForLinkEvents\fR
\fBHBA_RemoveCallback\fR        \fBHBA_SendCTPassThruV2\fR
\fBHBA_SendLIRR\fR      \fBHBA_SendRLS\fR
\fBHBA_SendRNIDV2\fR    \fBHBA_SendRPL\fR
\fBHBA_SendRPS\fR       \fBHBA_SendSRL\fR
\fBHBA_SetRNIDMgmtInfo\fR       \fBSMHBA_GetAdapterAttributes\fR
\fBSMHBA_GetAdapterPortAttributes\fR    \fBSMHBA_GetBindingCapability\fR
\fBSMHBA_GetBindingSupport\fR   \fBSMHBA_GetDiscoveredPortAttributes\fR
\fBSMHBA_GetFCPhyAttributes\fR  \fBSMHBA_GetLUNStatistics\fR
\fBSMHBA_GetNumberofPorts\fR    \fBSMHBA_GetPersistentBinding\fR
\fBSMHBA_GetPhyStatistics\fR    \fBSMHBA_GetPortAttributesByWWN\fR
\fBSMHBA_GetPortType\fR \fBSMHBA_GetProtocolStatistics\fR
\fBSMHBA_GetSASPhyAttributes\fR \fBSMHBA_GetTargetMapping\fR
\fBSMHBA_GetVendorLibraryAttributes\fR  \fBSMHBA_GetVersion\fR
\fBSMHBA_GetWrapperLibraryAttributes\fR \fBSMHBA_RegisterForAdapterAddEvents\fR
\fBSMHBA_RegisterForAdapterEvents\fR    \fBSMHBA_RegisterForAdapterPhyStatEvents
\fBSMHBA_RegisterForAdapterPortEvents\fR        \fBSMHBA_RegisterForAdapterPortS
\fBSMHBA_RegisterForTargetEvents\fR     \fBSMHBA_RegisterLibrary\fR
\fBSMHBA_RemoveAllPersistentBindings\fR \fBSMHBA_RemovePersistentBinding\fR
\fBSMHBA_ScsiInquiry\fR \fBSMHBA_ScsiReadCapacity\fR
\fBSMHBA_ScsiReportLuns\fR      \fBSMHBA_SendECHO\fR
\fBSMHBA_SendSMPPassThru\fR     \fBSMHBA_SendTEST\fR
\fBSMHBA_SetBindingSupport\fR   \fBSMHBA_SetPersistentBinding\fR
.TE
```

```
.SH USAGE
.sp
.LP
Client applications link with the Common Library (using -\fBlSMHBAAPI\fR) to
access the interfaces. The Common Library dynamically loads individual
Vendor-Specific Libraries (VSL) listed in \fB/etc/smhba.conf\fR and described
on \fBsmhba.conf\fR(4).
.sp
.LP
Using the \fBlibSMHBAAPI\fR involves the following steps:
.RS +4
.TP
1.
Optionally determining the version of the library by calling
\fBSMHBA_GetVersion()\fR.
.RE
.RS +4
.TP
2.
Initializing the Common Library by calling \fBHBA_LoadLibrary()\fR.
.RE
.RS +4
.TP
3.
Determine the number of HBAs known to the common library by calling
\fBHBA_GetNumberOfAdapters()\fR.
.RE
.RS +4
.TP
4.
Determine each HBA name in turn by calling \fBHBA_GetAdapterName()\fR.
.RE
.RS +4
.TP
5.
Open each HBA in turn by calling \fBHBA_OpenAdapter()\fR.
.RE
.RS +4
.TP
6.
Operate on a given HBA by calling the following:
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_GetAdapterAttributes()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_GetAdapterPortAttributes()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_GetDiscoveredPortAttributes()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_GetPortAttributesByWWN()\fR
.RE
.RS +4
```



```
.TP
.ie t \(bu
.el o
\fBSMHBA_GetNumberofPorts()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_GetPortType()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_GetProtocolStatistics()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_GetPhyStatistics()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_GetBindingCapability()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_GetBindingSupport()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_SetBindingSupport()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_GetTargetMapping()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_GetPersistentBinding()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_SetPersistentBinding()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_RemoveAllPersistentBindings()\fR
.RE
.RS +4
```

```
.TP
.ie t \(bu
.el o
\fBSMHBA_GetLUNStatistics()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_SendScsiInquiry()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_SendReportLuns()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_SendReadCapacity()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_RegisterForAdapterAddEvents()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_RegisterForAdapterEvents()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_RegisterForAdapterPortEvents()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_RegisterForAdapterPortStatEvents()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_RegisterForAdapterPhyStatEvents()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_RegisterForTargetEvents()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBHBA_RegisterForLinkEvents()\fR
.RE
.RS +4
```



```
.TP
.ie t \(bu
.el o
\fBHBA_RemoveCallback()\fR
.RE
For Serial Attached HBA
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_GetSASPhyAttributes()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_SendSMPPassThru()\fR
.RE
For Fibre Channel HBA
For Fibre Channle HBA
.RS +4
.TP
.ie t \(bu
.el o
\fBSMHBA_GetFCPhyAttributes()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBHBA_SendCTPassThruV2()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBHBA_SetRNIDMgmtInfo()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBHBA_GetRNIDMgmtInfo()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBHBA_SendRNIDV2()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBHBA_SendRPL()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBHBA_SendRPS()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
```

```
\fBHBA_SendSRL()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBHBA_SendLIRR()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBHBA_SendRLS()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBHBA_SendTEST()\fR
.RE
.RS +4
.TP
.ie t \(bu
.el o
\fBHBA_SendECHO()\fR
.RE
.RE
.RS +4
.TP
7.
Close open HBAs by calling \fBHBA_CloseAdapter()\fR.
.RE
.RS +4
.TP
8.
Unload the library by calling \fBHBA_FreeLibrary()\fR.
.RE
.SH ATTRIBUTES
.sp
.LP
See \fBattributes\fR(5) for descriptions of the following attributes:
.sp

.sp
.TS
box;
c | c
l | l .
ATTRIBUTE TYPE  ATTRIBUTE VALUE
_
Interface Stability     Committed
_
MT-Level        MT-Safe
_
Standard        T{
ANSI INCITS 428  Storage Management Host Bus Adapter Application Programming Int
T}
.TE

.SH SEE ALSO
.sp
.LP
\fBsmhba.conf\fR(4), \fBattributes\fR(5)
```

```
**********************************************************
    2762 Mon Aug 19 14:11:38 2019
new/usr/src/man/man3lib/libbsm.3lib
11583 Some man3lib pages are missing parts of the SYNOPSIS
**********************************************************
```

```
'\" te
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.TH LIBBSM 3LIB "Aug 19, 2019"
.TH LIBBSM 3LIB "Mar 6, 2017"
.SH NAME
libbsm \- basic security library
.SH SYNOPSIS
.LP
.nf
cc [ \fIflag\fR... ] \fIfile\fR... \fB-lbsm\fR [ \fIlibrary\fR... ]
cc [ \fIflag\fR... ] \fIfile\fR. \fB-lbsm\fR [ \fIlibrary\fR... ]
.fi

.SH DESCRIPTION
.LP
Functions in this library provide basic security, library object reuse, and
auditing.
.SH INTERFACES
.LP
The shared object \fBlibbsm.so.1\fR provides the public interfaces defined
below. See \fBIntro\fR(3) for additional information on shared object
interfaces.
.sp

.sp
.TS
l l
l l .
\fBau_close\fR  \fBau_open\fR
\fBau_preselect\fR      \fBau_to_arg\fR
\fBau_to_arg32\fR       \fBau_to_arg64\fR
\fBau_to_attr\fR        \fBau_to_cmd\fR
\fBau_to_data\fR        \fBau_to_groups\fR
\fBau_to_in_addr\fR     \fBau_to_ipc\fR
\fBau_to_iport\fR       \fBau_to_me\fR
\fBau_to_newgroups\fR   \fBau_to_opaque\fR
\fBau_to_path\fR        \fBau_to_process\fR
\fBau_to_process_ex\fR  \fBau_to_return\fR
\fBau_to_return32\fR    \fBau_to_return64\fR
\fBau_to_socket\fR      \fBau_to_subject\fR
\fBau_to_subject_ex\fR  \fBau_to_text\fR
\fBau_user_mask\fR      \fBau_write\fR
\fBaudit\fR     \fBauditon\fR
\fBauditsvc\fR  \fBendauclass\fR
\fBendauevent\fR        \fBgetauclassent\fR
\fBgetauclassent_r\fR   \fBgetauclassnam\fR
\fBgetauclassnam_r\fR   \fBgetaudit\fR
\fBgetaudit_addr\fR     \fBgetauditflagsbin\fR
\fBgetauditflagschar\fR \fBgetauevent\fR
\fBgetauevent_r\fR      \fBgetauevnam\fR
\fBgetauevnam_r\fR      \fBgetauevnonam\fR
\fBgetauevnum\fR        \fBgetauevnum_r\fR
\fBgetauid\fR   \fBgetfauditflags\fR
\fBsetauclass\fR        \fBsetauclassfile\fR
\fBsetaudit\fR  \fBsetaudit_addr\fR
\fBsetauevent\fR        \fBsetaueventfile\fR
\fBsetauid\fR   \fBtestac\fR
.TE
```



```
.SH FILES
.ne 2
.na
\fB/lib/libbsm.so.1\fR
\fB\fB/lib/libbsm.so.1\fR\fR
.ad
.RS 23n
shared object
.RE

.sp
.ne 2
.na
\fB/lib/64/libbsm.so.1\fR
\fB\fB/lib/64/libbsm.so.1\fR\fR
.ad
.RS 23n
64-bit shared object
.RE

.SH ATTRIBUTES
.LP
See \fBattributes\fR(5) for descriptions of the following attributes:
.sp

.sp
.TS
box;
c | c
l | l .
ATTRIBUTE TYPE  ATTRIBUTE VALUE
MT-Level        T{
See individual man page for each function.
T}
.TE

.SH SEE ALSO
.LP
\fBpvs\fR(1), \fBIntro\fR(3), \fBattributes\fR(5)
```

```
**********************************************************
    5848 Mon Aug 19 14:11:38 2019
new/usr/src/man/man3lib/libc_db.3lib
11583 Some man3lib pages are missing parts of the SYNOPSIS
**********************************************************
```

```
   1 '\" te
   2 .\" Copyright (c) 2004, Sun Microsystems, Inc. All Rights Reserved.
   3 .\" The contents of this file are subject to the terms of the Common Development
   4 .\" You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE or http:
   5 .\" When distributing Covered Code, include this CDDL HEADER in each file and in
   6 .TH LIBC_DB 3LIB "Aug 19, 2019"
   6 .TH LIBC_DB 3LIB "Mar 24, 2004"
   7 .SH NAME
   8 libc_db \- threads debugging library
   9 .SH SYNOPSIS
  10 .LP
  10 .nf
  11 cc [ \fIflag\fR... ] \fIfile\fR... \fB-lc_db\fR [ \fIlibrary\fR... ]
  12 cc [ \fIflag\fR ... ] \fIfile\fR ... \fB-lc_db\fR [ \fIlibrary \fR... ]
  12 #include <\fBproc_service.h\fR>
  13 #include <\fBthread_db.h\fR>
  14 .fi

  16 .SH DESCRIPTION
  18 .sp
  19 .LP
  17 The \fBlibc_db\fR library provides support for monitoring and manipulating
  18 threads-related aspects of a multithreaded program. There are at least two
  19 processes involved,  the controlling process and one or more target processes.
  20 The controlling process is the \fBlibc_db\fR client, which links with
  21 \fBlibc_db\fR and uses \fBlibc_db\fR to inspect or modify threads-related
  22 aspects of one or more target processes. The target processes must be
  23 multithreaded processes that use \fBlibc\fR. The controlling process might or
  26 multithreaded processes that use \fBlibc\fR. The controlling process mignt or
  24 might not be multithreaded itself.
  25 .sp
  26 .LP
  27 The most commonly anticipated use for \fBlibc_db\fR is that the controlling
  28 process will be a debugger for a multithreaded program, hence the "db" in
  29 \fBlibc_db\fR.
  30 .sp
  31 .LP
  32 The \fBlibc_db\fR library is dependent on the internal implementation details
  33 of \fBlibc\fR. It is a "friend" of \fBlibc\fR in the C++ sense, which is
  34 precisely the "value added" by \fBlibc_db\fR. It encapsulates the knowledge of
  35 \fBlibc\fR internals that a debugger needs to manipulate the threads-related
  36 state of a target process.
  37 .sp
  38 .LP
  39 To be able to inspect and manipulate target processes, \fBlibc_db\fR makes use
  40 of certain process control primitives that must be  provided by the process
  41 using \fBlibc_db\fR. The imported interfaces are defined in
  42 \fBproc_service\fR(3PROC). In other words, the controlling process is linked
  43 with \fBlibc_db\fR and calls routines in \fBlibc_db\fR. In turn, \fBlibc_db\fR
  44 calls certain routines that it expects the controlling process to provide.
  45 These process control  primitives allow \fBlibc_db\fR to:
  46 .RS +4
  47 .TP
  48 .ie t \(bu
  49 .el o
  50 Look up symbols in a target process.
  51 .RE
  52 .RS +4
  53 .TP
  54 .ie t \(bu
  55 .el o
```



```
  56 Stop and continue individual lightweight processes ( LWPs) within a target
  57 process.
  58 .RE
  59 .RS +4
  60 .TP
  61 .ie t \(bu
  62 .el o
  63 Stop and continue an entire target process.
  64 .RE
  65 .RS +4
  66 .TP
  67 .ie t \(bu
  68 .el o
  69 Read and write memory and registers in a target process.
  70 .RE
  71 .sp
  72 .LP
  73 Initially, a controlling process obtains a handle for a target process. Through
  74 that handle it can then obtain handles for the component objects of the target
  75 process, its threads, its synchronization objects, and its thread-specific-data
  76 keys.
  77 .sp
  78 .LP
  79 When \fBlibc_db\fR needs to return sets of handles to the controlling process,
  80 for example, when returning handles for all the threads in a target process, it
  81 uses an iterator function. An iterator function calls back a client-specified
  82 function once for each handle to be returned, passing one handle back on each
  83 call to the callback function.  The calling function also passes another
  84 parameter to the iterator function,  which the iterator function passes on to
  85 the callback function.  This makes it easy to build a linked list of thread
  86 handles for a particular target process. The additional parameter is the head
  87 of the linked list, and the callback function simply inserts the current handle
  88 into the linked list.
  89 .sp
  90 .LP
  91 Callback functions are expected to return an integer.  Iteration terminates
  92 early if a callback function returns a non-zero value. Otherwise, iteration
  93 terminates when there are no more handles to pass back.
  94 .SH INTERFACES
  98 .sp
  99 .LP
  95 The shared object \fBlibc_db.so.1\fR provides the public interfaces defined
  96 below. See \fBIntro\fR(3) for additional information on shared object
  97 interfaces.
  98 .sp

 100 .sp
 101 .TS
 102 l l
 103 l l .
 104 \fBtd_init\fR   \fBtd_log\fR
 105 \fBtd_sync_get_info\fR  \fBtd_sync_get_stats\fR
 106 \fBtd_sync_setstate\fR  \fBtd_sync_waiters\fR
 107 \fBtd_ta_clear_event\fR \fBtd_ta_delete\fR
 108 \fBtd_ta_enable_stats\fR        \fBtd_ta_event_addr\fR
 109 \fBtd_ta_event_getmsg\fR        \fBtd_ta_get_nthreads\fR
 110 \fBtd_ta_get_ph\fR      \fBtd_ta_get_stats\fR
 111 \fBtd_ta_map_addr2sync\fR       \fBtd_ta_map_id2thr\fR
 112 \fBtd_ta_map_lwp2thr\fR \fBtd_ta_new\fR
 113 \fBtd_ta_reset_stats\fR \fBtd_ta_set_event\fR
 114 \fBtd_ta_setconcurrency\fR      \fBtd_ta_sync_iter\fR
 115 \fBtd_ta_sync_tracking_enable\fR        \fBtd_ta_thr_iter\fR
 116 \fBtd_ta_tsd_iter\fR    \fBtd_thr_clear_event\fR
 117 \fBtd_thr_dbresume\fR   \fBtd_thr_dbsuspend\fR
 118 \fBtd_thr_event_enable\fR       \fBtd_thr_event_getmsg\fR
 119 \fBtd_thr_get_info\fR   \fBtd_thr_getfpregs\fR
```

```
\fBtd_thr_getgregs\fR   \fBtd_thr_getxregs\fR
\fBtd_thr_getxregsize\fR        \fBtd_thr_lockowner\fR
\fBtd_thr_set_event\fR  \fBtd_thr_setfpregs\fR
\fBtd_thr_setgregs\fR   \fBtd_thr_setprio\fR
\fBtd_thr_setsigpending\fR      \fBtd_thr_setxregs\fR
\fBtd_thr_sigsetmask\fR \fBtd_thr_sleepinfo\fR
\fBtd_thr_tsd\fR        \fBtd_thr_validate\fR
.TE

.SH FILES
.sp
.ne 2
.na
\fB/lib/libc_db.so.1\fR
\fB\fB/lib/libc_db.so.1\fR\fR
.ad
.RS 24n
shared object
.RE

.sp
.ne 2
.na
\fB/lib/64/libc_db.so.1\fR
\fB\fB/lib/64/libc_db.so.1\fR\fR
.ad
.RS 24n
64-bit shared object
.RE

.SH ATTRIBUTES
.sp
.LP
See \fBattributes\fR(5) for description of the following attributes:
.sp

.sp
.TS
box;
c | c
l | l .
ATTRIBUTE TYPE  ATTRIBUTE VALUE
MT-Level        Safe
.TE

.SH SEE ALSO
.sp
.LP
\fBIntro\fR(3), \fBtd_ta_new\fR(3C_DB), \fBattributes\fR(5), \fBthreads\fR(5)
```

```
**********************************************************
    2018 Mon Aug 19 14:11:39 2019
new/usr/src/man/man3lib/libcfgadm.3lib
11583 Some man3lib pages are missing parts of the SYNOPSIS
**********************************************************
'\" te
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.TH LIBCFGADM 3LIB "Aug 19, 2019"
.TH LIBCFGADM 3LIB "May 22, 2003"
.SH NAME
libcfgadm \- configuration administration library
.SH SYNOPSIS
.LP
.nf
cc [ \fIflag\fR... ] \fIfile\fR... \fB-lcfgadm\fR \fB-ldevinfo\fR \fB-ldl\fR [ \
cc [ \fIflag\fR... ] \fIfile\fR... \fB-lcfgadm\fR \fB -ldevinfo \fR \fB -ldl \fR
#include <\fBconfig_admin.h\fR>
.fi

.SH DESCRIPTION
.sp
.LP
Functions in this library provide services for configuration administration.
.SH INTERFACES
.sp
.LP
The shared object \fBlibcfgadm.so.1\fR provides the public interfaces defined
below. See \fBIntro\fR(3) for additional information on shared object
interfaces.
.sp

.sp
.TS
l l
l l .
\fBconfig_ap_id_cmp\fR  \fBconfig_change_state\fR
\fBconfig_help\fR       \fBconfig_list\fR
\fBconfig_list_ext\fR   \fBconfig_private_func\fR
\fBconfig_stat\fR       \fBconfig_strerror\fR
\fBconfig_test\fR       \fBconfig_unload_libs\fR
.TE

.SH FILES
.sp
.ne 2
.na
\fB/usr/lib/libcfgadm.so.1\fR
\fB\fB/usr/lib/libcfgadm.so.1\fR\fR
.ad
.RS 30n
shared object
.RE

.sp
.ne 2
.na
\fB/usr/lib/64/libcfgadm.so.1\fR
\fB\fB/usr/lib/64/libcfgadm.so.1\fR\fR
.ad
.RS 30n
64-bit shared object
.RE
```



```
.SH ATTRIBUTES
.sp
.LP
See \fBattributes\fR(5) for descriptions of the following attributes:
.sp

.sp
.TS
box;
c | c
l | l .
ATTRIBUTE TYPE  ATTRIBUTE VALUE
MT-Level        Mt-Safe
.TE

.SH SEE ALSO
.sp
.LP
\fBpvs\fR(1), \fBcfgadm\fR(1M), \fBIntro\fR(3), \fBconfig_admin\fR(3CFGADM),
\fBattributes\fR(5)
```

```
***********************************************************
    1966 Mon Aug 19 14:11:39 2019
new/usr/src/man/man3lib/libfcoe.3lib
11583 Some man3lib pages are missing parts of the SYNOPSIS
***********************************************************
```

```
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   5 .\" the fields enclosed by brackets "[]" replaced with your own identifying info
   6 .TH LIBFCOE 3LIB "Aug 19, 2019"
   6 .TH LIBFCOE 3LIB "Apr 1, 2009"
   7 .SH NAME
   8 libfcoe \- FCoE Port Management library
   8 libfcoe \- FCoE Port Mangament library
   9 .SH SYNOPSIS
  10 .LP
  10 .nf
  11 cc [ \fIflag\fR... ] \fIfile\fR... \fB-lfcoe\fR [ \fIlibrary\fR... ]
  12 cc [ \fIflag\fR... ] \fIfile\fR... lfcoe [ \fIlibrary\fR... ]
  12 #include <libfcoe.h>
  13 .fi

  15 .SH DESCRIPTION
  17 .sp
  18 .LP
  16 Functions in this library provide management of the FCoE (Fibre Channel over
  17 Ethernet) ports in the system, allowing clients to create, delete and list
  18 information of FCoE ports.
  19 .SH INTERFACES
  23 .sp
  24 .LP
  20 The shared object \fBlibfcoe.so.1\fR provides the public interfaces defined
  21 below. See \fBIntro\fR(3) for additional information on shared object
  22 interfaces.
  23 .sp

  25 .sp
  26 .TS
  27 l l
  28 l l .
  29 \fBFCOE_CreatePort\fR   \fBFCOE_DeletePort\fR
  30 \fBFCOE_GetPortList\fR
  31 .TE

  33 .SH FILES
  39 .sp
  34 .ne 2
  35 .na
  36 \fB/lib/libfcoe.so.1\fR
  42 \fB\fB/lib/libfcoe.so.1\fR\fR
  37 .ad
  38 .RS 24n
  39 shared object
  40 .RE

  42 .sp
  43 .ne 2
  44 .na
  45 \fB/lib/64/libfcoe.so.1\fR
  51 \fB\fB/lib/64/libfcoe.so.1\fR\fR
  46 .ad
  47 .RS 24n
  48 64-bit shared object
  49 .RE
```



```
  51 .SH ATTRIBUTES
  58 .sp
  59 .LP
  52 See \fBattributes\fR(5) for descriptions of the following attributes:
  53 .sp

  55 .sp
  56 .TS
  57 box;
  58 c | c
  59 l | l .
  60 ATTRIBUTE TYPE  ATTRIBUTE VALUE
  61 Interface Stability     Committed
  62 _
  63 MT-Level        Safe
  64 .TE

  66 .SH SEE ALSO
  75 .sp
  76 .LP
  67 \fBIntro\fR(3), \fBFCOE_CreatePort\fR(3FCOE), \fBFCOE_DeletePort\fR(3FCOE),
  68 \fBFCOE_GetPortList\fR(3FCOE), \fBattributes\fR(5)
```

```
**********************************************************
    2152 Mon Aug 19 14:11:39 2019
new/usr/src/man/man3lib/libfstyp.3lib
11583 Some man3lib pages are missing parts of the SYNOPSIS
**********************************************************
'\" te
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.TH LIBFSTYP 3LIB "Aug 19, 2019"
.TH LIBFSTYP 3LIB "Jun 20, 2006"
.SH NAME
libfstyp \- file system type identification library
.SH SYNOPSIS
.LP
.nf
cc [ \fIflag\fR... ] \fIfile\fR... \fB-lfstyp\fR \fB-lnvpair\fR [ \fIlibrary\fR\
cc [ \fIflag\fR\&.\|.\|. ] \fIfile\fR\&.\|.\|. \fB-lfstyp\fR \fB -lnvpair \fR [
#include \fB<libnvpair.h>\fR
#include \fB<libfstyp.h>\fR
.fi

.SH DESCRIPTION
.sp
.LP
The \fBlibfstyp\fR library exports a set of functions to identify the file
system type of an unmounted file system using heuristic modules.
.sp
.LP
Internally, the library is comprised of interfaces exported by file
system-specific modules. See \fBfstyp_mod_init\fR(3FSTYP).
.SH INTERFACES
.sp
.LP
The shared object \fBlibfstyp.so.1\fR provides the public interfaces defined
below. See \fBIntro\fR(3) for additional information on shared object
interfaces.
.sp

.sp
.TS
l l
l l .
\fBfstyp_fini\fR        \fBfstyp_get_attr\fR
\fBfstyp_ident\fR       \fBfstyp_init\fR
\fBfstyp_mod_dump\fR    \fBfstyp_mod_fini\fR
\fBfstyp_mod_get_attr\fR        \fBfstyp_mod_ident\fR
\fBfstyp_mod_init\fR    \fBfstyp_strerror\fR
.TE

.SH FILES
.sp
.ne 2
.na
\fB/lib/libfstyp.so.1\fR
\fB\fB/lib/libfstyp.so.1\fR\fR
.ad
.RS 22n
shared object
.RE

.SH ATTRIBUTES
.sp
.LP
See \fBattributes\fR(5) for descriptions of the following attributes:
```



```
.sp

.sp
.TS
box;
c | c
l | l .
ATTRIBUTE TYPE  ATTRIBUTE VALUE
_
Interface Stability     Evolving
_
MT-Level        MT-Safe
.TE

.SH SEE ALSO
.sp
.LP
\fBIntro\fR(3), \fBfstyp_mod_init\fR(3FSTYP), \fBlibnvpair\fR(3LIB),
\fBattributes\fR(5)
```

```
**********************************************************
    1835 Mon Aug 19 14:11:39 2019
new/usr/src/man/man3lib/libl.3lib
11583 Some man3lib pages are missing parts of the SYNOPSIS
**********************************************************
'\" te
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.TH LIBL 3LIB "Aug 19, 2019"
.TH LIBL 3LIB "May 22, 2003"
.SH NAME
libl \- lex library
.SH SYNOPSIS
.LP
.nf
cc [ \fIflag\fR... ] \fIfile\fR... \fB-ll\fR [ \fIlibrary\fR... ]
cc [ \fIflag\fR... ] \fIfile\fR...  [ \fIlibrary\fR... ]
.fi

.SH DESCRIPTION
.sp
.LP
Functions in this library provide user interfaces to the \fBlex\fR(1) library.
.SH INTERFACES
.sp
.LP
The shared object \fBlibl.so.1\fR provides the public interfaces defined below.
See \fBIntro\fR(3) for additional information on shared object interfaces.
.sp

.sp
.TS
l l
l l .
\fBallprint\fR  \fBallprint_w\fR
\fBmain\fR      \fBsprint\fR
\fBsprint_w\fR  \fByyless\fR
\fByyless_e\fR  \fByyless_w\fR
\fByyracc\fR    \fByyreject\fR
\fByyreject_e\fR        \fByyreject_w\fR
\fByywrap\fR
.TE

.SH FILES
.sp
.ne 2
.na
\fB/usr/lib/libl.so.1\fR
\fB\fB/usr/lib/libl.so.1\fR\fR
.ad
.RS 25n
shared object
.RE

.sp
.ne 2
.na
\fB/usr/lib/64/libl.so.1\fR
\fB\fB/usr/lib/64/libl.so.1\fR\fR
.ad
.RS 25n
64-bit shared object
.RE
```



```
.SH ATTRIBUTES
.sp
.LP
See \fBattributes\fR(5) for descriptions of the following attributes:
.sp

.sp
.TS
box;
c | c
l | l .
ATTRIBUTE TYPE  ATTRIBUTE VALUE
_
MT-Level        Unsafe
.TE

.SH SEE ALSO
.sp
.LP
\fBlex\fR(1), \fBIntro\fR(3), \fBattributes\fR(5)
```

```
**********************************************************
    5169 Mon Aug 19 14:11:39 2019
new/usr/src/man/man3lib/libpapi.3lib
11583 Some man3lib pages are missing parts of the SYNOPSIS
**********************************************************
'\" te
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.TH LIBPAPI 3LIB "Aug 19, 2019"
.TH LIBPAPI 3LIB "Dec 18, 2006"
.SH NAME
libpapi \- Free Standards Group Open Printing API (PAPI) library functions
.SH SYNOPSIS
.LP
.nf
cc [ \fIflag\fR... ] \fIfile\fR... \fB-lpapi\fR [ \fIlibrary\fR... ]
cc [ \fIflag\fR\&.\|.\|. ] \fIfile\fR\&.\|.\|. \fB-lpapi\fR [ \fIlibrary\fR\&.\|
#include <papi.h>
.fi

.SH DESCRIPTION
.sp
.LP
Functions in this library provide an interface for interaction with print
services as described in v1.0 of the Free Standards Group (FSG) Open Printing
API (PAPI).
.sp
.LP
This particular implementation of the PAPI includes naming support as described
in the \fBprinters.conf\fR(4) and \fBprinters\fR(4) manual pages.  It also
supplies support for interaction with local LP services, remote LPD services,
and remote IPP services through the use of loadable modules that export the
same interface.  These modules should not be linked with directly, but can be
used directly at runtime through the use of \fBLD_PRELOAD\fR for debugging
purposes.
.SH INTERFACES
.sp
.LP
The shared object \fBlibpapi.so.0\fR provides the public interfaces defined
below.  See \fBIntro\fR(3) for additional information on shared object
interfaces.
.SS "Attribute"
.sp


.sp
.TS
l l
l l .
\fBpapiAttributeListAddBoolean\fR       \fBpapiAttributeListAddCollection\fR
\fBpapiAttributeListAddDatetime\fR      \fBpapiAttributeListAddInteger\fR
\fBpapiAttributeListAddMetadata\fR      \fBpapiAttributeListAddRange\fR
\fBpapiAttributeListAddResolution\fR    \fBpapiAttributeListAddString\fR
\fBpapiAttributeListAddValue\fR \fBpapiAttributeListDelete\fR
\fBpapiAttributeListFind\fR     \fBpapiAttributeListFree\fR
\fBpapiAttributeListFromString\fR       \fBpapiAttributeListGetBoolean\fR
\fBpapiAttributeListGetCollection\fR    \fBpapiAttributeListGetDatetime\fR
\fBpapiAttributeListGetInteger\fR       \fBpapiAttributeListGetMetadata\fR
\fBpapiAttributeListGetNext\fR  \fBpapiAttributeListGetRange\fR
\fBpapiAttributeListGetResolution\fR    \fBpapiAttributeListGetString\fR
\fBpapiAttributeListGetValue\fR \fBpapiAttributeListToString\fR
.TE

.SS "Service"
.sp
```



```
.sp
.TS
l l
l l .
\fBpapiServiceCreate\fR \fBpapiServiceDestroy\fR
\fBpapiServiceGetAppData\fR     \fBpapiServiceGetAttributeList\fR
\fBpapiServiceGetEncryption\fR  \fBpapiServiceGetPassword\fR
\fBpapiServiceGetServiceName\fR \fBpapiServiceGetStatusMessage\fR
\fBpapiServiceGetUserName\fR    \fBpapiServiceSetAppData\fR
\fBpapiServiceSetAuthCB\fR      \fBpapiServiceSetEncryption\fR
\fBpapiServiceSetPassword\fR    \fBpapiServiceSetUserName\fR
.TE

.SS "Printer"
.sp

.sp
.TS
l l
l l .
\fBpapiPrinterAdd\fR    \fBpapiPrinterDisable\fR
\fBpapiPrinterEnable\fR \fBpapiPrinterFree\fR
\fBpapiPrinterGetAttributeList\fR       \fBpapiPrinterListFree\fR
\fBpapiPrinterListJobs\fR       \fBpapiPrinterModify\fR
\fBpapiPrinterPause\fR  \fBpapiPrinterPurgeJobs\fR
\fBpapiPrinterQuery\fR  \fBpapiPrinterRemove\fR
\fBpapiPrinterResume\fR \fBpapiPrintersList\fR
.TE

.SS "Job"
.sp

.sp
.TS
l l
l l .
\fBpapiJobCancel\fR     \fBpapiJobFree\fR
\fBpapiJobGetAttributeList\fR   \fBpapiJobGetId\fR
\fBpapiJobGetJobTicket\fR       \fBpapiJobGetPrinterName\fR
\fBpapiJobHold\fR       \fBpapiJobListFree\fR
\fBpapiJobModify\fR     \fBpapiJobMove\fR
\fBpapiJobPromote\fR    \fBpapiJobQuery\fR
\fBpapiJobRelease\fR    \fBpapiJobRestart\fR
\fBpapiJobStreamClose\fR        \fBpapiJobStreamOpen\fR
\fBpapiJobStreamWrite\fR        \fBpapiJobSubmit\fR
\fBpapiJobSubmitByReference\fR  \fBpapiJobValidate\fR
.TE

.SS "Miscellaneous"
.sp

.sp
.TS
l l
l l .
\fBpapiLibrarySupportedCall\fR  \fBpapiLibrarySupportedCalls\fR
\fBpapiStatusString\fR
.TE

.SH FILES
.sp
.ne 2
.na
\fB/usr/lib/libpapi.so.0\fR
\fB\fB/usr/lib/libpapi.so.0\fR\fR
```

```
.ad
.sp .6
.RS 4n
shared object
.RE

.sp
.ne 2
.na
\fB/usr/lib/libpapi-common.so.0\fR
\fB\fB/usr/lib/libpapi-common.so.0\fR\fR
.ad
.sp .6
.RS 4n
private shared code
.RE

.sp
.ne 2
.na
\fB/usr/lib/print/psm-lpd.so\fR
\fB\fB/usr/lib/print/psm-lpd.so\fR\fR
.ad
.sp .6
.RS 4n
private rfc1179 support
.RE

.sp
.ne 2
.na
\fB/usr/lib/print/psm-lpsched.so\fR
\fB\fB/usr/lib/print/psm-lpsched.so\fR\fR
.ad
.sp .6
.RS 4n
private LP support
.RE

.sp
.ne 2
.na
\fB/usr/lib/print/psm-ipp.so\fR
\fB\fB/usr/lib/print/psm-ipp.so\fR\fR
.ad
.sp .6
.RS 4n
private IPP support
.RE

.sp
.ne 2
.na
\fB/usr/lib/libipp-core.so\fR
\fB\fB/usr/lib/libipp-core.so\fR\fR
.ad
.sp .6
.RS 4n
private IPP marshalling support
.RE

.sp
.ne 2
.na
\fB/usr/lib/libipp-listener.so\fR
\fB\fB/usr/lib/libipp-listener.so\fR\fR
```



```
.ad
.sp .6
.RS 4n
private IPP operations support
.RE

.sp
.ne 2
.na
\fB/usr/lip/libhttp-core.so\fR
\fB\fB/usr/lip/libhttp-core.so\fR\fR
.ad
.sp .6
.RS 4n
private HTTP support
.RE

.SH ATTRIBUTES
.sp
.LP
See \fBattributes\fR(5) for descriptions of the following attributes:
.sp

.sp
.TS
box;
c | c
l | l .
ATTRIBUTE TYPE  ATTRIBUTE VALUE
_
Interface Stability     Volatile
_
MT-Level        Safe
.TE

.SH SEE ALSO
.sp
.LP
\fBIntro\fR(3), \fBprinters\fR(4), \fBprinters.conf\fR(4), \fBattributes\fR(5)
```

```
**********************************************************
   17967 Mon Aug 19 14:11:39 2019
new/usr/src/man/man3lib/libpool.3lib
11583 Some man3lib pages are missing parts of the SYNOPSIS
**********************************************************
```

```
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.TH LIBPOOL 3LIB "Aug 19, 2019"
.TH LIBPOOL 3LIB "April 9, 2016"
.SH NAME
libpool \- pool configuration manipulation library
.SH SYNOPSIS
.LP
.nf
\fBcc\fR [ \fIflag\fR... ] \fIfile\fR... \fB-lpool\fR [ \fIlibrary\fR... ]
\fBcc\fR [ \fIflag\fR... ] \fIfile\fR... [ \fIlibrary\fR... ]
#include <\fBpool.h\fR>
.fi

.SH DESCRIPTION
.LP
The functions in this library define the interface for reading and writing
resource pools configuration files, as well as that for committing an existing
configuration to becoming the running OS configuration (with respect to
partitioning subsystems). The <\fBpool.h\fR> header provides type and function
declarations for all library services.
.sp
.LP
The resource pools facility brings together process-bindable resources into a
common abstraction called a pool. Processor sets and other entities can be
configured, grouped, and labelled in a persistent fashion such that workload
components can be associated with a subset of a system's total resources. The
\fBlibpool\fR library provides a C language API for accessing this
functionality, while \fBpooladm\fR(1M), \fBpoolbind\fR(1M), and
\fBpoolcfg\fR(1M) make this facility available through command invocations from
a shell. Each of those manual pages describes aspects of the pools facility;
this page describes the properties available to the various entities managed
within the pools facility. These entities include the system, pools, and the
\fBpset\fR resources for processor sets.
.sp
.LP
When the pools facility is enabled on a system, the behavior of the following
functions is modified.
.sp

.sp
.TS
c c
l l .
System Call     Error Value
_
\fBpset_assign\fR(pset !=\fBPS_QUERY\fR)        \fBENOTSUP\fR
\fBpset_bind\fR(pset !=\fBPS_QUERY\fR)  \fBENOTSUP\fR
\fBpset_create()\fR     \fBENOTSUP\fR
\fBpset_destroy()\fR    \fBENOTSUP\fR
\fBpset_setattr()\fR    \fBENOTSUP\fR
.TE

.sp
.LP
Each active entity within the resource pools framework can have an arbitrary
collection of named, typed properties associated with it. Properties supported
by the pools framework are listed, with descriptions, under each entity below.
```



```
In general, resource properties can be one of five types: boolean (\fBbool\fR),
signed (\fBint64\fR) and unsigned (\fBuint64\fR) integers, floating point
(\fBdouble\fR), and \fBstring\fR values.
.sp
.LP
All entities and resources support a string property for commenting purposes;
this property is available for use by management applications to record
descriptions and other administrator oriented data. The comment field is not
used by the default pools commands, except when a configuration is initiated by
the \fBpoolcfg\fR utility, in which case an informative message is placed in
the \fBsystem.comment\fR property for that configuration.
.SS "System"
.TS
c c c
l l l .
Property name   Type    Description
\fBsystem.allocate-method\fR    \fBstring\fR    T{
Allocation method to use when this configuration is instantiated
T}
\fBsystem.bind-default\fR       \fBbool\fR      T{
If specified pool not found, bind to pool with 'pool.default' property set to tr
T}
\fBsystem.comment\fR    \fBstring\fR    User description of system
\fBsystem.name\fR       \fBstring\fR    User name for the configuration
\fBsystem.version\fR    \fBint64\fR     T{
\fBlibpool\fR version required to manipulate this configuration
T}
\fBsystem.poold.log-level\fR    \fBstring\fR    \fBpoold\fR logging level
\fBsystem.poold.log-location\fR \fBstring\fR    \fBpoold\fR logging location
\fBsystem.poold.history-file\fR \fBstring\fR    \fBpoold\fR decision history loc
\fBsystem.poold.monitor-interval\fR     \fBuint64\fR    \fBpoold\fR monitoring s
\fBsystem.poold.objectives\fR   \fBstring\fR    \fBpoold\fR objectives for a sys
.TE

.sp
.LP
The \fBsystem.allocate-method\fR, \fBsystem.bind-default\fR,
\fBsystem.comment\fR, \fBsystem.name\fR, \fBsystem.poold.log-level\fR,
\fBsystem.poold.log-location\fR, \fBsystem.poold.history-file\fR,
\fBsystem.poold.monitor-interval\fR, and \fBsystem.poold.objectives\fR
properties are writable; the \fBsystem.version\fR property is not.
.sp
.LP
The \fBsystem.allocate-method\fR property accepts only two values, "importance
based" and "surplus to default". The default value for this property is
"importance based". The property is optional and if it is not present the
library will allocate resources as though it were present and had the default
value. These strings are defined in <\fBpool.h\fR> as \fBPOA_IMPORTANCE\fR and
\fBPOA_SURPLUS_TO_DEFAULT\fR.
.sp
.LP
If "importance based" allocation is defined, then during a commit the library
will allocate resources to pools using an algorithm that observes minimum and
maximum constraints for resources but favors those resources with greater
importance.
.sp
.LP
If "surplus to default" is defined, then during a commit the library will
allocate minimum resources to all resource sets apart from default which will
receive any surplus.
.sp
.LP
The \fBsystem.bind-default\fR property defaults to true. This property
interacts with the \fBproject.pool\fR resource control to specify the binding
behavior for processes associated with a project. If \fBproject.pool\fR is not
specified, then this property has no effect. If \fBproject.pool\fR is specified
```

and the specified pool exists, this property has no effect. If the specified pool does not exist, perhaps because of a reconfiguration, then this property controls the binding behavior for the project member. If \fBsystem.bind-default\fR is true, then the project member is bound to the default pool (identified as the pool for which \fBpool.default\fR is true); **otherwise the project member is refused access to the system. Care should be** *otherise the project member is refused access to the system. Care should be* taken with the pools configuration if this property is set to false, so as to avoid denying users access to the system.
.sp
.LP
The various \fBpoold\fR properties are used to configure the operation of \fBpoold\fR(1M).
.sp
.LP
The \fBsystem.poold.log-level\fR property is used to specify the level of detail provided in log messages. Valid values are: \fBALERT\fR, \fBCRIT\fR, \fBERR\fR, \fBWARNING\fR, \fBNOTICE\fR, \fBINFO\fR, and \fBDEBUG\fR.
.sp
.LP
\fBALERT\fR provides the least level of detail, \fBDEBUG\fR the greatest. See \fBsyslog\fR(3C) for more information about the meaning of these debug levels. If this property is not specified, the default value \fBNOTICE\fR is used.
.sp
.LP
The \fBsystem.poold.log-location\fR property is used to specify the location of the logfiles generated by \fBpoold\fR. The special value of "syslog" indicates that logged messages should be written to \fBsyslog()\fR. If this property is not specified, the default location \fB/var/log/pool\fR is used.
.sp
.LP
The \fBsystem.poold.history-file\fR specifies the location of the decision history file which is used by \fBpoold\fR to improve the quality of its decision making over time. If this property is not specified, the default location \fB/var/adm/pool\fR is used.
.sp
.LP
The \fBsystem.poold.monitor-interval\fR property specifies the monitoring interval (in milliseconds) to be used by \fBpoold\fR when sampling utilization statistics. If this property is not specified, the default value of 15 seconds is used.
.sp
.LP
The \fBsystem.poold.objectives\fR property specifies any system wide objectives. An objectives property has the following syntax:
.sp
.in +2
.nf
objectives = objective [; objective]*
objective = [n:] keyword [op] [value]
.fi
.in -2

.sp
.LP
All objectives are prefixed with an optional importance. The importance acts as a multiplier for the objective and thus increases the significance of its contribution to the objective function evaluation. If no importance is specified, the default value is 1.
.sp
.LP
The "wt-load" objective is the only objective to which a system element can be set. This objective favors configurations that match resource allocations to resource utilization. A resource set that uses more resources will be given more resources when this objective is active. An administrator should use this objective when he is relatively satisfied with the constraints established

using the minimum and maximum properties and would like the DRP to manipulate resources freely within those constraints.
.SS "Pools"
.TS
c c c
l l l .
Property name Type Description
\fBpool.active\fR \fBbool\fR Mark this pool as active, if true.
\fBpool.comment\fR \fBstring\fR User description of pool.
\fBpool.default\fR \fBbool\fR T{
Mark this pool as the default pool, if true; see system.bind-default property.
T}
\fBpool.importance\fR \fBint64\fR T{
Relative importance of this pool; for possible resource dispute resolution.
T}
\fBpool.name\fR \fBstring\fR T{
User name for pool; used by \fBsetproject\fR(3PROJECT) as value for ’project.poo
T}
\fBpool.scheduler\fR \fBstring\fR T{
Scheduler class to which consumers of this pool will be bound. This property is
T}
\fBpool.sys_id\fR \fBint64\fR System-assigned pool ID.
\fBpool.temporary\fR \fBbool\fR T{
Mark this pool as a temporary resource; if true, this pool can exist only in the
T}
.TE

.sp
.LP
The \fBpool.default\fR, \fBpool.sys_id\fR, and \fBpool.temporary\fR properties are not writable; all other listed properties are writable.
.sp
.LP
If pool.scheduler is specified, it must be set to the name of a valid scheduling class for the system. See the \fB-c\fR option for \fBpriocntl\fR(1) for a list of valid class names.
.SS "Processor Sets"
.TS
c c c
l l l .
Property name Type Description
\fBpset.comment\fR \fBstring\fR User description of resource.
\fBpset.default\fR \fBbool\fR Marks default processor set.
\fBpset.load\fR \fBuint64\fR The load for this processor set.
\fBpset.max\fR \fBuint64\fR T{
Maximum number of CPUs permitted in this processor set.
T}
\fBpset.min\fR \fBuint64\fR T{
Minimum number of CPUs permitted in this processor set.
T}
\fBpset.name\fR \fBstring\fR User name for resource.
\fBpset.size\fR \fBuint64\fR T{
Current number of CPUs in this processor set.
T}
\fBpset.sys_id\fR \fBint64\fR System-assigned processor set ID.
\fBpset.temporary\fR \fBbool\fR T{
Mark this processor set as a temporary resource; if true, this processor set can
T}
\fBpset.type\fR \fBstring\fR T{
Names resource type; value for all processor sets is \fBpset\fR.
T}
\fBpset.units\fR \fBstring\fR T{
Identifies meaning of size-related properties; value for all processor sets is \
T}
\fBpset.poold.objectives\fR \fBstring\fR T{
Specifies the poold objectives for a pset.

```
255 T}
256 .TE

258 .sp
259 .LP
260 The \fBpset.comment\fR, \fBpset.max\fR, \fBpset.min\fR, \fBpset.name\fR, and
261 \fBpset.poold.objectives\fR properties are writable; the \fBpset.default\fR,
262 \fBpset.load\fR, \fBpset.size\fR, \fBpset.sys_id\fR, \fBpset.temporary\fR,
263 \fBpset.type\fR, and \fBpset.units\fR properties are not.
264 .sp
265 .LP
266 The \fBpset.load\fR property represents the load on a processor set. The lowest
267 value for this property is 0. The value of \fBpset.load\fR increases in a
268 linear fashion with the load on the set, as measured by the number of jobs in
269 the system run queue.
270 .sp
271 .LP
272 The \fBpset.poold.objectives\fR property specifies an objective which is
273 specific to a particular \fBpset\fR. See the \fBsystem.poold.objectives\fR
274 entry for the specification of this property's syntax.
275 .sp
276 .LP
277 There are two types of objectives that can be set on a \fBpset\fR:
278 .sp
279 .ne 2
280 .na
281 \fBlocality\fR
283 \fB\fBlocality\fR\fR
282 .ad
283 .RS 15n
284 This objective influences the impact that locality, as measured by lgroup data,
285 has upon the chosen configuration. This objective can take one of three values:
286 .sp
287 .ne 2
288 .na
289 \fBtight\fR
291 \fB\fBtight\fR\fR
290 .ad
291 .RS 9n
292 If set, configurations that maximize resource locality are favored.
293 .RE

295 .sp
296 .ne 2
297 .na
298 \fBloose\fR
300 \fB\fBloose\fR\fR
299 .ad
300 .RS 9n
301 If set, configurations that minimize resource locality are favored.
302 .RE

304 .sp
305 .ne 2
306 .na
307 \fBnone\fR
309 \fB\fBnone\fR\fR
308 .ad
309 .RS 9n
310 This is the default value for this objective. If set, configuration
311 favorability is uninfluenced by resource locality.
312 .RE

314 .RE

316 .sp
```



```
317 .ne 2
318 .na
319 \fButilization\fR
321 \fB\fButilization\fR\fR
320 .ad
321 .RS 15n
322 This objective favors configurations that allocate resources to partitions that
323 are failing to preserve the specified utilization objective.
324 .RE

326 .sp
327 .LP
328 These objectives are specified in terms of an operator and a value. The
329 operators are
330 .sp
331 .ne 2
332 .na
333 \fB<\fR
335 \fB\fB<\fR\fR
334 .ad
335 .RS 5n
336 The ''less than'' operator is used to indicate that the specified value should
337 be treated as a maximum target value.
338 .RE

340 .sp
341 .ne 2
342 .na
343 \fB>\fR
345 \fB\fB>\fR\fR
344 .ad
345 .RS 5n
346 The ''greater than'' operator is used to indicate that the specified value
347 should be treated as a minimum target value.
348 .RE

350 .sp
351 .ne 2
352 .na
353 \fB~\fR
355 \fB\fB~\fR\fR
354 .ad
355 .RS 5n
356 The ''about'' operator is used to indicate that the specified value should be
357 treated as a target value about which some fluctuation is acceptable.
358 .RE

360 .sp
361 .LP
362 Only one objective of each type of operator can be set. For example, if the
363 \fB~\fR operator is set, the \fB<\fR and \fB>\fR operators cannot be set. It is
364 possible to set a \fB<\fR and a \fB>\fR operator together; the values will be
365 validated to ensure that they do not overlap.
366 .SS "Processors"
367 .TS
368 c c c
369 l l l .
370 Property name   Type    Description
371 _
372 \fBcpu.comment\fR       \fBstring\fR    User description of CPU.
373 \fBcpu.pinned\fR        \fBbool\fR      CPU pinned to this processor set.
374 \fBcpu.status\fR        \fBint64\fR     T{
375 Processor status, on-line, offline or interrupts disabled.
376 T}
377 \fBcpu.sys_id\fR        \fBint64\fR     System-assigned processor ID.
378 .TE
```

```
.sp
.LP
The \fBcpu.comment\fR, \fBcpu.pinned\fR, and \fBcpu.status\fR properties are
writable.
.sp
.LP
The \fBcpu.status\fR property can be set only to the following values:
.sp
.ne 2
.na
\fBoff-line\fR
\fI\fBoff-line\fR\fI
.ad
.RS 12n
Set the CPU offline.
.RE

.sp
.ne 2
.na
\fBon-line\fR
\fI\fBon-line\fR\fI
.ad
.RS 12n
Set the CPU online.
.RE

.sp
.ne 2
.na
\fBno-intr\fR
\fI\fBno-intr\fR\fI
.ad
.RS 12n
Disable interrupt processing on the CPU.
.RE

.sp
.LP
These values are defined in <\fBsys/processor.h\fR> as the \fBPS_OFFLINE\fR,
\fBPS_ONLINE\fR, and \fBPS_NOINTR\fR macros.
.SH INTERFACES
.LP
The shared object \fBlibpool.so.1\fR provides the public interfaces defined
below. See \fBIntro\fR(3) for additional information on shared object
interfaces.
.sp

.sp
.TS
l l
l l .
\fBpool_associate\fR    \fBpool_component_info\fR
\fBpool_component_to_elem\fR    \fBpool_conf_alloc\fR
\fBpool_conf_close\fR   \fBpool_conf_commit\fR
\fBpool_conf_export\fR  \fBpool_conf_free\fR
\fBpool_conf_info\fR    \fBpool_conf_location\fR
\fBpool_conf_open\fR    \fBpool_conf_remove\fR
\fBpool_conf_rollback\fR        \fBpool_conf_status\fR
\fBpool_conf_to_elem\fR \fBpool_conf_update\fR
\fBpool_conf_validate\fR        \fBpool_create\fR
\fBpool_destroy\fR      \fBpool_dissociate\fR
\fBpool_dynamic_location\fR     \fBpool_error\fR
\fBpool_get_binding\fR  \fBpool_get_owning_resource\fR
\fBpool_get_pool\fR     \fBpool_get_property\fR
```



```
\fBpool_get_resource\fR \fBpool_get_resource_binding\fR
\fBpool_get_status\fR   \fBpool_info\fR
\fBpool_put_property\fR \fBpool_query_components\fR
\fBpool_query_pool_resources\fR \fBpool_query_pools\fR
\fBpool_query_resource_components\fR    \fBpool_query_resources\fR
\fBpool_resource_create\fR      \fBpool_resource_destroy\fR
\fBpool_resource_info\fR        \fBpool_resource_to_elem\fR
\fBpool_resource_transfer\fR    \fBpool_resource_type_list\fR
\fBpool_resource_xtransfer\fR   \fBpool_rm_property\fR
\fBpool_set_binding\fR  \fBpool_set_status\fR
\fBpool_static_location\fR      \fBpool_strerror\fR
\fBpool_to_elem\fR      \fBpool_value_alloc\fR
\fBpool_value_free\fR   \fBpool_value_get_bool\fR
\fBpool_value_get_double\fR     \fBpool_value_get_int64\fR
\fBpool_value_get_name\fR       \fBpool_value_get_string\fR
\fBpool_value_get_type\fR       \fBpool_value_get_uint64\fR
\fBpool_value_set_bool\fR       \fBpool_value_set_double\fR
\fBpool_value_set_int64\fR      \fBpool_value_set_name\fR
\fBpool_value_set_string\fR     \fBpool_value_set_uint64\fR
\fBpool_version\fR      \fBpool_walk_components\fR
\fBpool_walk_pools\fR   \fBpool_walk_properties\fR
\fBpool_walk_resources\fR
.TE

.SH FILES
.ne 2
.na
\fB/usr/lib/libpool.so.1\fR
\fI\fB/usr/lib/libpool.so.1\fR\fI
.ad
.RS 28n
shared object
.RE

.sp
.ne 2
.na
\fB/usr/lib/64/libpool.so.1\fR
\fI\fB/usr/lib/64/libpool.so.1\fR\fI
.ad
.RS 28n
64-bit shared object
.RE

.SH ATTRIBUTES
.LP
See \fBattributes\fR(5) for descriptions of the following attributes:
.sp

.sp
.TS
box;
c | c
l | l .
ATTRIBUTE TYPE  ATTRIBUTE VALUE
_
CSI     Enabled
_
Interface Stability     Unstable
_
MT-Level        Safe
.TE

.SH SEE ALSO
.LP
\fBIntro\fR(3), \fBpool_component_info\fR(3POOL), \fBpool_conf_open\fR(3POOL),
```

```
503 \fBpool_conf_to_elem\fR(3POOL), \fBpool_create\fR(3POOL),
504 \fBpool_error\fR(3POOL), \fBpool_get_binding\fR(3POOL),
505 \fBpool_get_property\fR(3POOL), \fBpool_get_resource\fR(3POOL),
506 \fBpool_resource_create\fR(3POOL), \fBpool_value_alloc\fR(3POOL),
507 \fBpool_walk_pools\fR(3POOL), \fBattributes\fR(5), \fBsmf\fR(5)
508 .SH NOTES
514 .LP
509 Functions in \fBlibpool\fR can be used to manipulate static configurations even
510 when the pools facility is not enabled. See \fBpooladm\fR(1M) and
511 \fBpool_set_status\fR(3POOL) for more information about enabling the pools
512 facility. The pools facility must be enabled, however, to modify the dynamic
513 configuration.
514 .sp
515 .LP
516 Since the Resource Pools facility is an \fBsmf\fR(5) service, it can also be
517 enabled and disabled using the standard Service Management Facility (SMF)
518 interfaces.
```

```
**********************************************************
    4654 Mon Aug 19 14:11:39 2019
new/usr/src/man/man3lib/libpthread.3lib
11583 Some man3lib pages are missing parts of the SYNOPSIS
**********************************************************
'\" te
.\" Copyright (c) 2014, Joyent, Inc.
.\" Copyright (c) 2004, Sun Microsystems, Inc.  All Rights Reserved.
.\" The contents of this file are subject to the terms of the Common Development
.\" You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE or http:
.\" When distributing Covered Code, include this CDDL HEADER in each file and in
.TH LIBPTHREAD 3LIB "Aug 19, 2019"
.TH LIBPTHREAD 3LIB "Oct 1, 2014"
.SH NAME
libpthread \- POSIX threads library
.SH SYNOPSIS
.LP
.nf
cc -mt [ \fIflag\fR... ] \fIfile\fR... \fB-lpthread\fR [ \fIlibrary\fR... ]
cc -mt [ \fIflag\fR... ] \fIfile\fR... \fB-lpthread\fR [ \fB -lrt \fR \fIlibrary
.fi

.SH DESCRIPTION
.LP
Historically, functions in this library provided POSIX threading support. See
\fBstandards\fR(5). This functionality now resides in \fBlibc\fR(3LIB).
.LP
This library is maintained to provide backward compatibility for both runtime
and compilation environments. The shared object is implemented as a filter on
\fBlibc.so.1\fR. New application development need not specify \fB-lpthread\fR
although doing so has no effect.
.SH INTERFACES
.LP
The shared object \fBlibpthread.so.1\fR provides the public interfaces defined
below. See \fBIntro\fR(3) for additional information on shared object
interfaces.
.sp

.sp
.TS
l l
l l .
\fB__pthread_cleanup_pop\fR     \fB__pthread_cleanup_push\fR
\fBpthread_attr_destroy\fR      \fBpthread_attr_getdetachstate\fR
\fBpthread_attr_getguardsize\fR \fBpthread_attr_getinheritsched\fR
\fBpthread_attr_getschedparam\fR        \fBpthread_attr_getschedpolicy\fR
\fBpthread_attr_getscope\fR     \fBpthread_attr_getstackaddr\fR
\fBpthread_attr_getstacksize\fR \fBpthread_attr_init\fR
\fBpthread_attr_setdetachstate\fR       \fBpthread_attr_setguardsize\fR
\fBpthread_attr_setinheritsched\fR      \fBpthread_attr_setschedparam\fR
\fBpthread_attr_setschedpolicy\fR       \fBpthread_attr_setscope\fR
\fBpthread_attr_setstackaddr\fR \fBpthread_attr_setstacksize\fR
\fBpthread_cancel\fR    \fBpthread_cond_broadcast\fR
\fBpthread_cond_destroy\fR      \fBpthread_cond_init\fR
\fBpthread_cond_reltimedwait_np\fR      \fBpthread_cond_signal\fR
\fBpthread_cond_timedwait\fR    \fBpthread_cond_wait\fR
\fBpthread_condattr_destroy\fR  \fBpthread_condattr_getpshared\fR
\fBpthread_condattr_init\fR     \fBpthread_condattr_setpshared\fR
\fBpthread_create\fR    \fBpthread_detach\fR
\fBpthread_equal\fR     \fBpthread_exit\fR
\fBpthread_getconcurrency\fR    \fBpthread_getschedparam\fR
\fBpthread_getspecific\fR       \fBpthread_join\fR
\fBpthread_key_create\fR        \fBpthread_key_delete\fR
\fBpthread_kill\fR      \fBpthread_mutex_consistent_np\fR
\fBpthread_mutex_destroy\fR     \fBpthread_mutex_getprioceiling\fR
\fBpthread_mutex_init\fR        \fBpthread_mutex_lock\fR
```



```
\fBpthread_mutex_setprioceiling\fR      \fBpthread_mutex_trylock\fR
\fBpthread_mutex_unlock\fR      \fBpthread_mutexattr_destroy\fR
\fBpthread_mutexattr_getprioceiling\fR  \fBpthread_mutexattr_getprotocol\fR
\fBpthread_mutexattr_getpshared\fR      \fBpthread_mutexattr_getrobust_np\fR
\fBpthread_mutexattr_gettype\fR \fBpthread_mutexattr_init\fR
\fBpthread_mutexattr_setprioceiling\fR  \fBpthread_mutexattr_setprotocol\fR
\fBpthread_mutexattr_setpshared\fR      \fBpthread_mutexattr_setrobust_np\fR
\fBpthread_mutexattr_settype\fR \fBpthread_once\fR
\fBpthread_rwlock_destroy\fR    \fBpthread_rwlock_init\fR
\fBpthread_rwlock_rdlock\fR     \fBpthread_rwlock_tryrdlock\fR
\fBpthread_rwlock_trywrlock\fR  \fBpthread_rwlock_unlock\fR
\fBpthread_rwlock_wrlock\fR     \fBpthread_rwlockattr_destroy\fR
\fBpthread_rwlockattr_getpshared\fR     \fBpthread_rwlockattr_init\fR
\fBpthread_rwlockattr_setpshared\fR     \fBpthread_self\fR
\fBpthread_setcancelstate\fR    \fBpthread_setcanceltype\fR
\fBpthread_setconcurrency\fR    \fBpthread_setschedparam\fR
\fBpthread_setspecific\fR       \fBpthread_sigmask\fR
\fBpthread_testcancel\fR
.TE

.SH FILES
.ne 2
.na
\fB/lib/libpthread.so.1\fR
\fB\fB/lib/libpthread.so.1\fR\fR
.ad
.RS 27n
a filter on \fB/lib/libc.so.1\fR
.RE

.sp
.ne 2
.na
\fB/lib/64/libpthread.so.1\fR
\fB\fB/lib/64/libpthread.so.1\fR\fR
.ad
.RS 27n
a filter on \fB/lib/64/libc.so.1\fR
.RE

.SH ATTRIBUTES
.LP
See \fBattributes\fR(5) for descriptions of the following attributes:
.sp

.sp
.TS
box;
c | c
l | l .
ATTRIBUTE TYPE  ATTRIBUTE VALUE
_
MT-Level        Safe
.TE

.SH SEE ALSO
.LP
\fBpvs\fR(1), \fBIntro\fR(2), \fBIntro\fR(3), \fBlibc\fR(3LIB),
\fBlibc_db\fR(3LIB), \fBlibthread\fR(3LIB), \fBattributes\fR(5),
\fBstandards\fR(5), \fBthreads\fR(5)
```

```
**********************************************************
    3269 Mon Aug 19 14:11:39 2019
new/usr/src/man/man3lib/libresolv.3lib
11583 Some man3lib pages are missing parts of the SYNOPSIS
**********************************************************
'\" te
.\" Copyright (C) 2004, Sun Microsystems, Inc. All Rights Reserved.
.\" The contents of this file are subject to the terms of the Common Development
.\" You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE or http:
.\" When distributing Covered Code, include this CDDL HEADER in each file and in
.TH LIBRESOLV 3LIB "Aug 19, 2019"
.TH LIBRESOLV 3LIB "Mar 24, 2004"
.SH NAME
libresolv \- resolver library
.SH SYNOPSIS
.LP
.nf
cc [ \fIflag\fR... ] \fIfile\fR... \fB-lresolv\fR \fB-lsocket\fR \fB-lnsl\fR [ \
cc [ \fIflag\fR... ] \fIfile\fR... \fB-lresolv\fR \fB -lsocket \fR \fB -lnsl \fR
#include <\fBsys/types.h\fR>
#include <\fBnetinet/in.h\fR>
#include <\fBarpa/nameser.h\fR>
#include <\fBresolv.h\fR>
#include <\fBnetdb.h\fR>
.fi

.SH DESCRIPTION
.sp
.LP
Functions in this library provide for creating, sending, and interpreting
packets to the Internet domain name servers.
.SH INTERFACES
.sp
.LP
The shared object \fBlibresolv.so.2\fR provides the public interfaces defined
below. See \fBIntro\fR(3) for additional information on shared object
interfaces.
.sp

.sp
.TS
l l
l l .
\fB__dn_skipname\fR     \fB__fp_query\fR
\fB__hostalias\fR       \fB__p_cdname\fR
\fB__p_class\fR \fB__p_query\fR
\fB__p_time\fR  \fB__p_type\fR
\fB__putlong\fR \fB_getlong\fR
\fB_getshort\fR \fB_res\fR
\fBdn_comp\fR   \fBdn_expand\fR
\fBfp_resstat\fR        \fBh_errno\fR
\fBherror\fR    \fBhstrerror\fR
\fBres_hostalias\fR     \fBres_init\fR
\fBres_mkquery\fR       \fBres_nclose\fR
\fBres_ninit\fR \fBres_nmkquery\fR
\fBres_nquery\fR        \fBres_nquerydomain\fR
\fBres_nsearch\fR       \fBres_nsend\fR
\fBres_nsendsigned\fR   \fBres_query\fR
\fBres_querydomain\fR   \fBres_search\fR
\fBres_send\fR  \fBres_update\fR
.TE

.sp
.LP
Programs are expected to use the aliases defined in  <\fBresolv.h\fR> rather
than calling the "__" prefixed procedures, as indicated in the following table.
```



```
Use of the routines in the first column is discouraged.
.sp

.sp
.TS
c c
l l .
\fBFUNCTION REFERENCED\fR       \fBALIAS TO USE\fR
\fB__dn_skipname\fR     \fBdn_skipname\fR
\fB__fp_query\fR        \fBfp_query\fR
\fB__putlong\fR \fBputlong\fR
\fB__p_cdname\fR        \fBp_cdname\fR
\fB__p_class\fR \fBp_class\fR
\fB__p_time\fR  \fBp_time\fR
\fB__p_type\fR  \fBp_type\fR
.TE

.SH FILES
.sp
.ne 2
.na
\fB/lib/libresolv.so.1\fR
\fB\fB/lib/libresolv.so.1\fR\fR
.ad
.RS 26n
shared object for backward compatibility only
.RE

.sp
.ne 2
.na
\fB/lib/64/libresolv.so.1\fR
\fB\fB/lib/64/libresolv.so.1\fR\fR
.ad
.RS 26n
64-bit shared object for backward compatibility only
.RE

.sp
.ne 2
.na
\fB/lib/libresolv.so.2\fR
\fB\fB/lib/libresolv.so.2\fR\fR
.ad
.RS 26n
shared object
.RE

.sp
.ne 2
.na
\fB/lib/64/libresolv.so.2\fR
\fB\fB/lib/64/libresolv.so.2\fR\fR
.ad
.RS 26n
64-bit shared object
.RE

.SH ATTRIBUTES
.sp
.LP
See \fBattributes\fR(5) for descriptions of the following attributes:
.sp

.sp
.TS
```

```
114 box;
115 c | c
116 l | l .
117 ATTRIBUTE TYPE  ATTRIBUTE VALUE
118 _
119 Interface Stability     Standard:  BIND 8.2.4
120 _
121 MT-Level        See \fBresolver\fR(3RESOLV)
122 .TE

124 .SH SEE ALSO
133 .sp
134 .LP
125 \fBpvs\fR(1), \fBIntro\fR(3), \fBresolver\fR(3RESOLV), \fBattributes\fR(5)
```

```
**********************************************************
    1966 Mon Aug 19 14:11:40 2019
new/usr/src/man/man3lib/libtsnet.3lib
11583 Some man3lib pages are missing parts of the SYNOPSIS
**********************************************************
```

```
   1 '\" te
   2 .\" Copyright 2006, Sun Microsystems Inc. All rights reserved.
   3 .\" The contents of this file are subject to the terms of the Common Development
   4 .\" You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE or http:
   5 .\" When distributing Covered Code, include this CDDL HEADER in each file and in
   6 .TH LIBTSNET 3LIB "Aug 19, 2019"
   6 .TH LIBTSNET 3LIB "Mar 7, 2006"
   7 .SH NAME
   8 libtsnet \- Solaris Trusted Extensions network library
   9 .SH SYNOPSIS
  10 .LP
  10 .nf
  11 cc [ \fIflag\fR... ] \fIfile\fR... \fB-ltsnet\fR [ \fIlibrary\fR... ]
  12 cc [ \fIflag\fR... ] \fIfile\fR...  [ \fIlibrary\fR... ]
  12 #include <\fBlibtsnet.h\fR>
  13 #include <\fBsys/tsol/tndb.h\fR>
  14 .fi

  16 .SH DESCRIPTION
  18 .sp
  19 .LP
  17 Functions in this library provide programmatic access to Solaris Trusted
  18 Extensions features such as labels and Mandatory Access Policy (MAC). These
  19 functions are available on systems that are configured with Trusted Extensions
  20 software.
  21 .SH INTERFACES
  25 .sp
  26 .LP
  22 The shared object \fBlibtsnet.so.1\fR provides the public interfaces that are
  23 defined below.  See \fBIntro\fR(3) for additional information on shared object
  24 interfaces.
  25 .sp

  27 .sp
  28 .TS
  29 l l .
  30 \fBtsol_getrhtype\fR
  31 .TE

  33 .SH FILES
  39 .sp
  34 .ne 2
  35 .na
  36 \fB/lib/libtsnet.so.1\fR
  42 \fB\fB/lib/libtsnet.so.1\fR\fR
  37 .ad
  38 .RS 25n
  39 shared object
  40 .RE

  42 .sp
  43 .ne 2
  44 .na
  45 \fB/lib/64/libtsnet.so.1\fR
  51 \fB\fB/lib/64/libtsnet.so.1\fR\fR
  46 .ad
  47 .RS 25n
  48 64-bit shared object
  49 .RE

  51 .SH ATTRIBUTES
```



```
  58 .sp
  59 .LP
  52 See \fBattributes\fR(5) for descriptions of the following attributes:
  53 .sp

  55 .sp
  56 .TS
  57 box;
  58 c | c
  59 l | l .
  60 ATTRIBUTE TYPE  ATTRIBUTE VALUE
  61 Interface Stability     Stable
  62 _
  63 MT-Level        Safe
  64 .TE

  66 .SH SEE ALSO
  75 .sp
  76 .LP
  67 \fBIntro\fR(3), \fBlibtsol\fR(3LIB), \fBattributes\fR(5)
```