

Linux man pages: directory of all pages, by project

Project	Extraction date	Page list	Page source	Source URL
acl	2019-07-28	page list	Git repository	git://git.savannah.nongnu.org/acl.git
attr	2019-07-28	page list	Git repository	git://git.savannah.nongnu.org/attr.git
audit	2019-07-28	page list	Git repository	https://github.com/linux-audit/audit-userspace.git
autofs	2019-07-28	page list	Git repository	git://git.kernel.org/pub/scm/linux/storage/autofs/autofs.git
babeltrace	2019-07-28	page list	Git repository	git://git.efficios.com/babeltrace.git
bash	2019-07-28	page list	Git repository	git://git.savannah.gnu.org/bash.git
binutils	2019-07-28	page list	Tarball: binutils-2.32.tar.gz	https://ftp.gnu.org/gnu/binutils/
blktrace	2019-07-28	page list	Git repository	http://git.kernel.org/cgit/linux/kernel/git/axboe/blktrace.git/
bridge-utils	2019-07-28	page list	Git repository	git://git.kernel.org/pub/scm/linux/kernel/git/shemminger/bridge-utils.git
btrfs-progs	2019-07-28	page list	Git repository	git://git.kernel.org/pub/scm/linux/kernel/git/kdave/btrfs-progs.git
coreutils	2019-07-28	page list	Tarball: coreutils-8.31.tar.xz	http://www.gnutls.org/download.html
crash	2019-07-28	page list	Git repository	https://github.com/crash-utility/crash/releases
cronie	2019-07-28	page list	Git repository	https://github.com/cronie-crond/cronie.git
Cryptsetup	2019-07-28	page list	Git repository	https://gitlab.com/cryptsetup/cryptsetup.git
CUPS	2019-07-28	page list	Git repository	https://github.com/apple/cups
curl	2019-07-28	page list	Git repository	https://github.com/curl/curl.git
dash	2019-07-28	page list	Git repository	git://git.kernel.org/pub/scm/utls/dash/dash.git
debhelper	2019-07-28	page list	Git repository	https://salsa.debian.org/debian/debhelper.git
diffutils	2019-07-28	page list	Git repository	git://git.savannah.gnu.org/diffutils.git
dpkg	2019-07-28	page list	Git repository	https://salsa.debian.org/dpkg-team/dpkg.git
dracut	2019-07-28	page list	Git repository	git://git.kernel.org/pub/scm/boot/dracut/dracut.git
e2fsprogs	2019-07-28	page list	Git repository	git://git.kernel.org/pub/scm/fs/ext2/e2fsprogs.git
ethtool	2019-07-28	page list	Git repository	git://git.kernel.org/pub/scm/network/ethtool/ethtool.git
expect	2019-07-28	page list	Tarball: expect5.45.3.tar.gz	http://sourceforge.net/projects/expect/files/Expect/
file	2019-07-28	page list	Git read-only mirror of the CVS repository	https://github.com/glensc/file
findutils	2019-07-28	page list	Git repository	git://git.savannah.gnu.org/findutils.git
Firejail	2019-07-28	page list	Git repository	https://github.com/netblue30/firejail.git
Libfuse	2019-07-28	page list	Git repository	git://git.code.sf.net/p/fuse/fuse fuse-fuse
sshfs	2019-07-28	page list	Git repository	https://github.com/libfuse/sshfs.git
gawk	2019-07-28	page list	Git repository	git://git.savannah.gnu.org/gawk.git
gcc	2019-07-28	page list	Tarball: gcc-9.1.0.tar.gz	ftp://ftp.gwdg.de/pub/misc/gcc/releases/

gdb	2019-07-28	page list	Tarball: gdb-8.3.tar.gz	https://ftp.gnu.org/gnu/gdb/
gettext	2019-07-28	page list	Tarball: gettext-0.20.1.tar.gz	https://ftp.gnu.org/gnu/gettext/
git	2019-07-28	page list	Git repository	https://github.com/git/git.git
git-series	2019-07-28	page list	Git repository	https://github.com/git-series/git-series
GnuTLS	2019-07-28	page list	Tarball: gnutls-3.6.9.tar.xz	http://www.gnutls.org/download.html
GNU grep	2019-07-28	page list	Git repository	git://git.savannah.gnu.org/grep.git
groff	2019-07-28	page list	Git repository	https://git.savannah.gnu.org/git/groff.git
hdparm	2019-07-28	page list	Tarball: hdparm-9.56.tar.gz	http://sourceforge.net/projects/hdparm/files/latest/download?source=dlp
hg	2019-07-28	page list	Mercurial repository	http://selenic.com/hg
htop	2019-07-28	page list	Git repository	https://github.com/hishamhm/htop
GNU indent	2019-07-28	page list	Mercurial repository	http://hg.savannah.gnu.org/hgweb/indent/
inotify-tools	2019-07-28	page list	Git repository	https://github.com/rvoicilas/inotify-tools.git
iotop	2019-07-28	page list	Git repository	git://repo.or.cz/iotop.git
iproute2	2019-07-28	page list	Git repository	https://git.kernel.org/pub/scm/network/iproute2/iproute2.git
iptables	2019-07-28	page list	Git repository	git://git.netfilter.org/iptables
iptraf-ng	2019-07-28	page list	Git repository	https://github.com/iptraf-ng/iptraf-ng.git
iputils	2019-05-09	page list	Git repository	https://github.com/iputils/iputils.git
kbd	2019-07-28	page list	Git repository	https://github.com/legionus/kbd.git
kexec-tools	2019-07-28	page list	Git repository	https://git.kernel.org/pub/scm/utils/kernel/kexec/kexec-tools.git
keyutils	2019-07-28	page list	Git repository	http://git.kernel.org/pub/scm/linux/kernel/git/dhowells/keyutils.git
kmod	2019-07-28	page list	Git repository	git://git.kernel.org/pub/scm/utils/kernel/kmod/kmod.git
less	2019-07-28	page list	Tarball: less-551.tar.gz	http://www.greenwoodsoftware.com/less/download.html
libabigail	2019-07-28	page list	Git repository	git://sourceware.org/git/libabigail.git
libcap	2019-07-28	page list	Git repository	https://git.kernel.org/pub/scm/libs/libcap/libcap.git/
libcap-ng	2019-07-28	page list	Tarball: libcap-ng-0.7.9.tar.gz	https://people.redhat.com/sgrubb/libcap-ng/index.html
libevent	2019-07-28	page list	Git repository	https://github.com/libevent/libevent.git
libpcap	2019-07-28	page list	Git repository	https://github.com/the-tcpdump-group/libpcap.git
libpipeline	2019-07-28	page list	Git repository	git://git.savannah.nongnu.org/libpipeline.git
libseccomp	2019-07-28	page list	Git repository	https://github.com/seccomp/libseccomp
linux-pam	2019-07-28	page list	Tarball: Linux-PAM-1.3.0.tar.bz2	http://www.linux-pam.org/library/
lksctp-tools	2019-07-28	page list	Git repository	git://github.com/sctp/lksctp-tools.git
logrotate	2019-07-28	page list	Git repository	https://github.com/logrotate/logrotate.git
lsof	2019-07-28	page list	Tarball: lsof_4.91_src.tar	ftp://ftp.fu-berlin.de/pub/unix/tools/lsof/lsof.tar.gz
ltrace	2019-07-28	page list	Git repository	https://github.com/dkogan/ltrace
LTTng-Tools	2019-07-28	page list	Git repository	git://git.lttng.org/lttng-tools.git

ltnctop	2019-07-28	page list	Git repository	<code>git clone git://git.ltnctop.org/ltnctop.git</code>
LTTng-UST	2019-07-28	page list	Tarball: ltnct-ust-2.10.4.tar.bz2	<code>https://ltnct.org/files/ltnct-ust/</code>
lvm2	2019-07-28	page list	Tarball: <code>https://github.com/lvmteam/lvm2/archive/v2_03_05.tar.gz</code>	<code>https://github.com/lvmteam/lvm2/releases</code>
lxc	2019-07-28	page list	Git repository	<code>git://github.com/lxc/lxc</code>
make	2019-07-28	page list	Tarball: make-4.2.tar.gz	<code>http://ftp.gnu.org/gnu/make/</code>
man-db	2019-07-28	page list	Git repository	<code>http://git.savannah.gnu.org/r/man-db.git</code>
man-pages	2019-08-02	page list	Git repository	<code>https://www.kernel.org/doc/man-pages/index.html</code>
MariaDB	2019-07-28	page list	Git repository	<code>https://github.com/MariaDB/server</code>
mdadm	2019-07-28	page list	Git repository	<code>https://git.kernel.org/pub/scm/utls/mdadm/mdadm.git/</code>
ncurses	2019-07-28	page list	Git mirror of the CVS repository	<code>git://ncurses.scripts.mit.edu/ncurses.git</code>
netsniff-ng	2019-07-28	page list	Git repository	<code>git://github.com/netsniff-ng/netsniff-ng.git</code>
net-tools	2019-07-28	page list	Git repository	<code>git://git.code.sf.net/p/net-tools/code</code>
nfs4-acl-tools	2019-07-28	page list	Git repository	<code>git://git.linux-nfs.org/projects/bfields/nfs4-acl-tools.git</code>
nfs-utls	2019-07-28	page list	Git repository	<code>http://git.linux-nfs.org/?p=steved/nfs-utls.git;a=summary</code>
nmap	2019-07-28	page list	Git mirror of the Subversion repository	<code>https://github.com/nmap/nmap</code>
numactl	2019-07-28	page list	Git repository	<code>https://github.com/numactl/numactl.git</code>
OpenLDAP	2019-07-28	page list	Git repository	<code>git://git.openldap.org/openldap.git</code>
openssh	2019-07-28	page list	Tarball: openssh-8.0p1.tar.gz	<code>http://ftp.eu.openbsd.org/pub/OpenBSD/OpenSSH/portable/</code>
oprofile	2019-07-28	page list	Git repository	<code>git clone git://git.code.sf.net/p/oprofile/oprofile</code>
Open vSwitch	2019-07-28	page list	Git repository	<code>https://github.com/openvswitch/ovs.git</code>
GNU parted	2019-07-28	page list	Git repository	<code>git://git.savannah.gnu.org/parted.git</code>
patch	2019-07-28	page list	Git repository	<code>git://git.savannah.gnu.org/patch.git</code>
pciutls	2019-07-28	page list	Git repository	<code>git://git.kernel.org/pub/scm/utls/pciutls/pciutls.git</code>
PCP	2019-07-28	page list	Git repository	<code>https://github.com/performancecopilot/pcp.git</code>
PCRE	2019-07-28	page list	Tarball: pcre-8.43.tar.gz	<code>ftp://ftp.csx.cam.ac.uk/pub/software/programming/pcre/</code>
perf	2019-07-28	page list	Git repository	<code>http://git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git</code>
perfmon2	2019-07-28	page list	Git repository	<code>git://git.code.sf.net/p/perfmon2/libpfm4 perfmon2-libpfm4</code>
POSIX man pages	2014-01-19	page list	Tarball:	<code>https://www.kernel.org/doc/man-pages/man-pages-posix/</code>
prelink	2019-07-28	page list	Tarball: prelink-20130503.tar.bz2	<code>http://people.redhat.com/jakub/prelink/</code>
procps-ng	2019-07-28	page list	Git repository	<code>https://gitlab.com/procps-ng/procps.git</code>
psacct	2019-07-28	page list	Tarball: acct-6.6.4.tar.gz	<code>http://ftp.gnu.org/gnu/acct/</code>
psmisc	2019-07-28	page list	Git repository	<code>https://gitlab.com/psmisc/psmisc.git</code>
pv	2019-07-28	page list	Tarball: pv-1.6.6.tar.bz2	<code>http://www.ivarch.com/programs/pv.shtml</code>
quilt	2019-07-28	page list	Git repository	<code>git://git.savannah.nongnu.org/quilt.git</code>
quota	2019-07-28	page list	Git repository	<code>git://git.kernel.org/pub/scm/utls/quota/quota-tools.git</code>

rdma-core	2019-07-28	page list	Git repository	https://github.com/linux-rdma/rdma-core.git
readline	2019-07-28	page list	Git repository	git://git.savannah.gnu.org/readline.git
rpcbind	2019-07-28	page list	Git repository	git://linux-nfs.org/~steved/rpcbind
rsync	2019-07-28	page list	Tarball:	https://download.samba.org/pub/rsync/
rsyslog	2019-07-28	page list	Git repository	https://github.com/rsyslog/rsyslog
screen	2019-07-28	page list	Git repository	https://savannah.gnu.org/git/?group=screen
sed	2019-07-28	page list	Tarball: sed-4.2.2.tar.gz	https://www.gnu.org/software/sed/
selinux	2019-07-28	page list	Git repository	https://github.com/SELinuxProject/selinux
shadow-utils	2019-07-28	page list	Git repository	https://github.com/shadow-maint/shadow
smem	2019-07-28	page list	Mercurial repository	https://selenic.com/repo/smem
sparse	2019-07-28	page list	Git repository	https://git.kernel.org/pub/scm/devel/sparse/sparse.git
stgit	2019-07-28	page list	Git repository	http://repo.or.cz/stgit.git
strace	2019-07-28	page list	Git repository	https://github.com/strace/strace.git
sysdig	2019-07-28	page list	Git repository	https://github.com/draios/sysdig
sysstat	2019-07-28	page list	Git repository	https://github.com/sysstat/sysstat.git
systemd	2019-07-28	page list	Git repository	https://github.com/systemd/systemd.git
systemtap	2019-07-28	page list	Git repository	git://sourceware.org/git/systemtap.git
tar	2019-07-28	page list	Git repository	git://git.savannah.gnu.org/tar.git
tcpdump	2019-07-28	page list	Git repository	git://bpf.tcpdump.org/tcpdump
tmux	2019-07-28	page list	Git repository	https://github.com/tmux/tmux.git
trace-cmd	2019-07-28	page list	Git repository	git://git.kernel.org/pub/scm/linux/kernel/git/rostedt/trace-cmd.git
traceroute	2019-07-28	page list	Tarball: traceroute-2.1.0.tar.gz	http://sourceforge.net/projects/traceroute/files/latest/download?source=files
usbutils	2019-07-28	page list	Git repository	https://github.com/gregkh/usbutils.git
util-linux	2019-07-28	page list	Git repository	git://git.kernel.org/pub/scm/utils/util-linux/util-linux.git
valgrind	2019-07-28	page list	Git repository	http://sourceware.org/git/valgrind.git
wget	2019-07-28	page list	Tarball: wget-1.20.3.tar.gz	https://www.gnu.org/software/wget/
xfsdump	2019-07-28	page list	Git repository	https://git.kernel.org/pub/scm/fs/xfs/xfsprogs-dev.git
xfsprogs	2019-07-28	page list	Git repository	https://git.kernel.org/pub/scm/fs/xfs/xfsprogs-dev.git
yum	2019-07-28	page list	Git repository	git://yum.baseurl.org/yum.git
yum-utils	2019-07-28	page list	Git repository	git://yum.baseurl.org/yum-utils.git

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acl (manipulating access control lists)

[chacl\(1\)](#) - change the access control list of a file or directory
[getfacl\(1\)](#) - get file access control lists
[setfacl\(1\)](#) - set file access control lists

`acl_add_perm(3)` - add a permission to an ACL permission set
`acl_calc_mask(3)` - calculate the file group class mask
`acl_check(3)` - check an ACL for validity
`acl_clear_perms(3)` - clear all permissions from an ACL permission set
`acl_cmp(3)` - compare two ACLs
`acl_copy_entry(3)` - copy an ACL entry
`acl_copy_ext(3)` - copy an ACL from internal to external representation
`acl_copy_int(3)` - copy an ACL from external to internal representation
`acl_create_entry(3)` - create a new ACL entry
`acl_delete_def_file(3)` - delete a default ACL by filename
`acl_delete_entry(3)` - delete an ACL entry
`acl_delete_perm(3)` - delete a permission from an ACL permission set
`acl_dup(3)` - duplicate an ACL
`acl_entries(3)` - return the number of entries in an ACL
`acl_equiv_mode(3)` - check for an equivalent ACL
`acl_error(3)` - convert an ACL error code to a text message
`acl_extended_fd(3)` - test for information in the ACL by file descriptor
`acl_extended_file(3)` - test for information in ACLs by file name
`acl_extended_file_nofollow(3)` - test for information in ACLs by file name
`acl_free(3)` - release memory allocated to an ACL data object
`acl_from_mode(3)` - create an ACL from file permission bits
`acl_from_text(3)` - create an ACL from text
`acl_get_entry(3)` - get an ACL entry
`acl_get_fd(3)` - get an ACL by file descriptor
`acl_get_file(3)` - get an ACL by filename
`acl_get_perm(3)` - test for a permission in an ACL permission set
`acl_get_permset(3)` - retrieve the permission set from an ACL entry
`acl_get_qualifier(3)` - retrieve the qualifier from an ACL entry
`acl_get_tag_type(3)` - get the tag type of an ACL entry
`acl_init(3)` - initialize ACL working storage
`acl_set_fd(3)` - set an ACL by file descriptor
`acl_set_file(3)` - set an ACL by filename
`acl_set_permset(3)` - set the permission set in an ACL entry
`acl_set_qualifier(3)` - set the qualifier of an ACL entry
`acl_set_tag_type(3)` - set the tag type of an ACL entry
`acl_size(3)` - get the size of the external representation of an ACL
`acl_to_any_text(3)` - convert an ACL to text
`acl_to_text(3)` - convert an ACL to text
`acl_valid(3)` - validate an ACL

`acl(5)` - Access Control Lists

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attr (manipulating filesystem extended attributes)

`attr(1)` - extended attributes on XFS filesystem objects
`getfattr(1)` - get extended attributes of filesystem objects
`setfattr(1)` - set extended attributes of filesystem objects

`attr_get(3)` - get the value of a user attribute of a filesystem object
`attr_list(3)` - list the names of the user attributes of a filesystem object
`attr_multi(3)` - manipulate multiple user attributes on a filesystem object at once
`attr_remove(3)` - remove a user attribute of a filesystem object
`attr_set(3)` - set the value of a user attribute of a filesystem object

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audit (Linux Audit)

`audit_add_rule_data(3)` - Add new audit rule
`audit_add_watch(3)` - create a rule layout for a watch
`audit_delete_rule_data(3)` - Delete audit rule
`audit_detect_machine(3)` - Detects the current machine type
`audit_encode_nv_string(3)` - encode a name/value pair in a string
`audit_getloginuid(3)` - Get a program's loginuid value

[audit_get_reply\(3\)](#) - Get the audit system's reply
[audit_get_session\(3\)](#) - Get a program's login session id value
[audit_log_acct_message\(3\)](#) - log a user account message
[audit_log_semanage_message\(3\)](#) - log a semanage message
[audit_log_user_avc_message\(3\)](#) - log a user avc message
[audit_log_user_command\(3\)](#) - log a user command
[audit_log_user_comm_message\(3\)](#) - log a user message from a console app
[audit_log_user_message\(3\)](#) - log a general user message
[audit_open\(3\)](#) - Open a audit netlink socket connection
[audit_request_rules_list_data\(3\)](#) - Request list of current audit rules
[audit_request_signal_info\(3\)](#) - Request signal info for the audit system
[audit_request_status\(3\)](#) - Request status of the audit system
[audit_set_backlog_limit\(3\)](#) - Set the audit backlog limit
[audit_set_backlog_wait_time\(3\)](#) - Set the audit backlog wait time
[audit_set_enabled\(3\)](#) - Enable or disable auditing
[audit_set_failure\(3\)](#) - Set audit failure flag
[audit_setloginuid\(3\)](#) - Set a program's loginuid value
[audit_set_pid\(3\)](#) - Set audit daemon process ID
[audit_set_rate_limit\(3\)](#) - Set audit rate limit
[audit_update_watch_perms\(3\)](#) - update permissions field of watch command
[auparse_add_callback\(3\)](#) - add a callback handler for notifications
[auparse_destroy\(3\)](#) - release instance of parser
[auparse_feed\(3\)](#) - feed data into parser
[auparse_feed_age_events\(3\)](#) - check events for complete based on time.
[auparse_feed_has_data\(3\)](#) - check if there is any data accumulating that might need flushing.
[auparse_find_field\(3\)](#) - search for field name
[auparse_find_field_next\(3\)](#) - find next occurrence of field name
[auparse_first_field\(3\)](#) - reposition field cursor
[auparse_first_record\(3\)](#) - reposition record cursor
[auparse_flush_feed\(3\)](#) - flush any unconsumed feed data through parser.
[auparse_get_field_int\(3\)](#) - get current field's value as an int
[auparse_get_field_name\(3\)](#) - get current field's name
[auparse_get_field_num\(3\)](#) - get current field cursor location
[auparse_get_field_str\(3\)](#) - get current field's value
[auparse_get_field_type\(3\)](#) - get current field's data type
[auparse_get_filename\(3\)](#) - get the filename where record was found
[auparse_get_line_number\(3\)](#) - get line number where record was found
[auparse_get_milli\(3\)](#) - get the millisecond value of the event
[auparse_get_node\(3\)](#) - get the event's machine node name
[auparse_get_num_fields\(3\)](#) - get the number of fields
[auparse_get_num_records\(3\)](#) - get the number of records
[auparse_get_record_num\(3\)](#) - get current record cursor location
[auparse_get_record_text\(3\)](#) - access unparsed record data
[auparse_get_serial\(3\)](#) - get the event's serial number
[auparse_get_time\(3\)](#) - get event's time
[auparse_get_timestamp\(3\)](#) - access timestamp of the event
[auparse_get_type\(3\)](#) - get record's type
[auparse_get_type_name\(3\)](#) - get record's type translation
[auparse_goto_field_num\(3\)](#) - move field cursor to specific field
[auparse_goto_record_num\(3\)](#) - move record cursor to specific record
[auparse_init\(3\)](#) - initialize an instance of the audit parsing library
[auparse_interpret_field\(3\)](#) - get current field's interpreted value
[auparse_next_event\(3\)](#) - get the next event
[auparse_next_field\(3\)](#) - move field cursor
[auparse_next_record\(3\)](#) - move record cursor
[auparse_node_compare\(3\)](#) - compares node name values
[auparse_normalize\(3\)](#) - normalize the current event
[auparse_normalize_functions\(3\)](#) - Access normalized fields
[auparse_reset\(3\)](#) - reset audit parser instance
[auparse_set_escape_mode\(3\)](#) - choose escape method
[auparse_timestamp_compare\(3\)](#) - compares timestamp values
[ausearch_add_expression\(3\)](#) - build up search expression
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[ausearch_add_regex\(3\)](#) - use regular expression search rule
[ausearch_add_timestamp_item\(3\)](#) - build up search rule
[ausearch_add_timestamp_item_ex\(3\)](#) - build up search rule
[ausearch_clear\(3\)](#) - clear search parameters
[ausearch_next_event\(3\)](#) - find the next event that meets search criteria
[ausearch_set_stop\(3\)](#) - set the cursor position
[get_auditfail_action\(3\)](#) - Get failure_action tunable value
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[auditd.conf\(5\)](#) - audit daemon configuration file
[auditd-plugins\(5\)](#) - realtime event receivers
[ausearch-expression\(5\)](#) - audit search expression format
[libaudit.conf\(5\)](#) - libaudit configuration file

[zos-remote.conf\(5\)](#) - the audisp-racf plugin configuration file

[audit.rules\(7\)](#) - a set of rules loaded in the kernel audit system

[audispd-zos-remote\(8\)](#) - z/OS Remote-services Audit dispatcher plugin

[auditctl\(8\)](#) - a utility to assist controlling the kernel's audit system

[auditd\(8\)](#) - The Linux Audit daemon

[augenrules\(8\)](#) - a script that merges component audit rule files

[aureport\(8\)](#) - a tool that produces summary reports of audit daemon logs

[ausearch\(8\)](#) - a tool to query audit daemon logs

[autrace\(8\)](#) - a program similar to strace

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autofs (automount)

[autofs\(5\)](#) - Format of the automounter maps

[autofs.conf\(5\)](#) - autofs configuration

[autofs_ldap_auth.conf\(5\)](#) - autofs LDAP authentication configuration

[auto.master\(5\)](#) - Master Map for automounter consulted by autofs

[autofs\(8\)](#) - Service control for the automounter

[automount\(8\)](#) - manage autofs mount points

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babeltrace (trace read and write libraries and a trace converter)

[babeltrace2\(1\)](#) - Convert or process one or more traces, and more

[babeltrace2-convert\(1\)](#) - Convert one or more traces

[babeltrace2-help\(1\)](#) - Get help for a Babeltrace plugin or component class

[babeltrace2-list-plugins\(1\)](#) - List Babeltrace plugins and their properties

[babeltrace2-log\(1\)](#) - Convert a Linux kernel ring buffer to a CTF trace

[babeltrace2-query\(1\)](#) - Query object from a component class

[babeltrace2-run\(1\)](#) - Create a trace processing graph and run it

[babeltrace2-filter.lttng-utils.debug-info\(7\)](#) - Babeltrace's debugging information filter component class for LTTng traces

[babeltrace2-filter.utils.muxer\(7\)](#) - Babeltrace's notification multiplexer filter component class

[babeltrace2-filter.utils.trimmer\(7\)](#) - Babeltrace's trimmer filter component class

[babeltrace2-intro\(7\)](#) - Introduction to Babeltrace

[babeltrace2-plugin-ctf\(7\)](#) - Babeltrace's CTF plugin

[babeltrace2-plugin-lttng-utils\(7\)](#) - Babeltrace's LTTng utilities plugin

[babeltrace2-plugin-text\(7\)](#) - Babeltrace's plain text plugin

[babeltrace2-plugin-utils\(7\)](#) - Babeltrace's utilities plugin

[babeltrace2-sink.ctf.fs\(7\)](#) - Babeltrace's file system CTF sink component class

[babeltrace2-sink.text.pretty\(7\)](#) - Babeltrace's pretty-printing sink component class

[babeltrace2-sink.utils.counter\(7\)](#) - Babeltrace's notification counter sink component class

[babeltrace2-sink.utils.dummy\(7\)](#) - Babeltrace's dummy sink component class

[babeltrace2-source.ctf.fs\(7\)](#) - Babeltrace's file system CTF source component class

[babeltrace2-source.ctf.lttng-live\(7\)](#) - Babeltrace's LTTng live source component class

[babeltrace2-source.text.dmesg\(7\)](#) - Babeltrace's Linux kernel ring buffer source component class

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bash (Bourne again shell)

[bash\(1\)](#) - GNU Bourne-Again SHell

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binutils (a collection of tools for working with executable binaries)

[addr2line\(1\)](#) - convert addresses into file names and line numbers.
[ar\(1\)](#) - create, modify, and extract from archives
[as\(1\)](#) - the portable GNU assembler.
[dlltool\(1\)](#) - Create files needed to build and use DLLs.
[elfedit\(1\)](#) - Update ELF header and program property of ELF files.
[gprof\(1\)](#) - display call graph profile data
[ld\(1\)](#) - The GNU linker
[nm\(1\)](#) - list symbols from object files
[objcopy\(1\)](#) - copy and translate object files
[objdump\(1\)](#) - display information from object files.
[ranlib\(1\)](#) - generate index to archive.
[readelf\(1\)](#) - Displays information about ELF files.
[size\(1\)](#) - list section sizes and total size.
[strings\(1\)](#) - print the strings of printable characters in files.
[strip\(1\)](#) - Discard symbols from object files.
[windmc\(1\)](#) - generates Windows message resources.
[windres\(1\)](#) - manipulate Windows resources.

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blktrace (Linux block layer I/O tracer)

[blkparse\(1\)](#) - produce formatted output of event streams of block devices
[blkrawverify\(1\)](#) - verifies an output file produced by blkparse
[bno_plot\(1\)](#) - generate interactive 3D plot of IO blocks and sizes
[btt\(1\)](#) - analyse block i/o traces produces by blktrace
[iowatcher\(1\)](#) - Create visualizations from blktrace results
[verify_blkparse\(1\)](#) - verifies an output file produced by blkparse

[blkmon\(8\)](#) - monitor block device I/O based o blktrace data
[blktrace\(8\)](#) - generate traces of the i/o traffic on block devices
[btrace\(8\)](#) - perform live tracing for block devices
[btrecord\(8\)](#) - recreate IO loads recorded by blktrace
[btplay\(8\)](#) - recreate IO loads recorded by blktrace

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bridge-utils (Ethernet bridge utilities)

[brctl\(8\)](#) - ethernet bridge administration

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btrfs-progs (btrfs filesystem tools)

[btrfs\(8\)](#) - a toolbox to manage btrfs filesystems
[btrfs-balance\(8\)](#) - balance block groups on a btrfs filesystem
[btrfs-check\(8\)](#) - check or repair a btrfs filesystem
[btrfsck\(8\)](#) - check or repair a btrfs filesystem
[btrfs-convert\(8\)](#) - convert from ext2/3/4 or reiserfs filesystem to btrfs in-place
[btrfs-device\(8\)](#) - manage devices of btrfs filesystems
[btrfs-fsck\(8\)](#) - command group that primarily does work on the whole filesystems
[btrfs-find-root\(8\)](#) - filter to find btrfs root
[btrfs-image\(8\)](#) - create/restore an image of the filesystem
[btrfs-inspect-internal\(8\)](#) - query various internal information
[btrfs-map-logical\(8\)](#) - map btrfs logical extent to physical extent
[btrfs-property\(8\)](#) - get/set/list properties for given filesystem object

btrfs-qgroup(8) - control the quota group of a btrfs filesystem
btrfs-quota(8) - control the global quota status of a btrfs filesystem
btrfs-receive(8) - receive subvolumes from send stream
btrfs-replace(8) - replace devices managed by btrfs with other device.
btrfs-rescue(8) - Recover a damaged btrfs filesystem
btrfs-restore(8) - try to restore files from a damaged btrfs filesystem image
btrfs-scrub(8) - scrub btrfs filesystem, verify block checksums
btrfs-select-super(8) - overwrite primary superblock with a backup copy
btrfs-send(8) - generate a stream of changes between two subvolume snapshots
btrfs-subvolume(8) - manage btrfs subvolumes
btrfs-tune(8) - tune various filesystem parameters
fsck.btrfs(8) - do nothing, successfully
mkfs.btrfs(8) - create a btrfs filesystem

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coreutils (basic file, shell and text manipulation utilities)

arch(1) - print machine hardware name (same as uname -m)
b2sum(1) - compute and check BLAKE2 message digest
base32(1) - base32 encode/decode data and print to standard output
base64(1) - base64 encode/decode data and print to standard output
basename(1) - strip directory and suffix from filenames
basenc(1) - Encode/decode data and print to standard output
cat(1) - concatenate files and print on the standard output
chcon(1) - change file security context
chgrp(1) - change group ownership
chmod(1) - change file mode bits
chown(1) - change file owner and group
chroot(1) - run command or interactive shell with special root directory
cksum(1) - checksum and count the bytes in a file
comm(1) - compare two sorted files line by line
coreutils(1) - single binary for coreutils programs
cp(1) - copy files and directories
csplit(1) - split a file into sections determined by context lines
cut(1) - remove sections from each line of files
date(1) - print or set the system date and time
dd(1) - convert and copy a file
df(1) - report file system disk space usage
dir(1) - list directory contents
dircolors(1) - color setup for ls
dirname(1) - strip last component from file name
du(1) - estimate file space usage
echo(1) - display a line of text
env(1) - run a program in a modified environment
expand(1) - convert tabs to spaces
expr(1) - evaluate expressions
factor(1) - factor numbers
false(1) - do nothing, unsuccessfully
fmt(1) - simple optimal text formatter
fold(1) - wrap each input line to fit in specified width
groups(1) - print the groups a user is in
head(1) - output the first part of files
hostid(1) - print the numeric identifier for the current host
hostname(1) - set or print the name of the current host system
id(1) - print real and effective user and group IDs
install(1) - copy files and set attributes
join(1) - join lines of two files on a common field
kill(1) - send signals to processes, or list signals
link(1) - call the link function to create a link to a file
ln(1) - make links between files
logname(1) - print user's login name
ls(1) - list directory contents
md5sum(1) - compute and check MD5 message digest
mkdir(1) - make directories
mkfifo(1) - make FIFOs (named pipes)
mknod(1) - make block or character special files
mktemp(1) - create a temporary file or directory
mv(1) - move (rename) files
nice(1) - run a program with modified scheduling priority
nl(1) - number lines of files
nohup(1) - run a command immune to hangups, with output to a non-tty

`nproc(1)` - print the number of processing units available
`numfmt(1)` - Convert numbers from/to human-readable strings
`od(1)` - dump files in octal and other formats
`paste(1)` - merge lines of files
`pathchk(1)` - check whether file names are valid or portable
`pinky(1)` - lightweight finger
`pr(1)` - convert text files for printing
`printenv(1)` - print all or part of environment
`printf(1)` - format and print data
`ptx(1)` - produce a permuted index of file contents
`pwd(1)` - print name of current/working directory
`readlink(1)` - print resolved symbolic links or canonical file names
`realpath(1)` - print the resolved path
`rm(1)` - remove files or directories
`rmdir(1)` - remove empty directories
`runcon(1)` - run command with specified security context
`seq(1)` - print a sequence of numbers
`sha1sum(1)` - compute and check SHA1 message digest
`sha224sum(1)` - compute and check SHA224 message digest
`sha256sum(1)` - compute and check SHA256 message digest
`sha384sum(1)` - compute and check SHA384 message digest
`sha512sum(1)` - compute and check SHA512 message digest
`shred(1)` - overwrite a file to hide its contents, and optionally delete it
`shuf(1)` - generate random permutations
`sleep(1)` - delay for a specified amount of time
`sort(1)` - sort lines of text files
`split(1)` - split a file into pieces
`stat(1)` - display file or file system status
`stdbuf(1)` - Run COMMAND, with modified buffering operations for its standard streams.
`stty(1)` - change and print terminal line settings
`sum(1)` - checksum and count the blocks in a file
`sync(1)` - Synchronize cached writes to persistent storage
`tac(1)` - concatenate and print files in reverse
`tail(1)` - output the last part of files
`tee(1)` - read from standard input and write to standard output and files
`test(1)` - check file types and compare values
`timeout(1)` - run a command with a time limit
`touch(1)` - change file timestamps
`tr(1)` - translate or delete characters
`true(1)` - do nothing, successfully
`truncate(1)` - shrink or extend the size of a file to the specified size
`tsort(1)` - perform topological sort
`tty(1)` - print the file name of the terminal connected to standard input
`uname(1)` - print system information
`unexpand(1)` - convert spaces to tabs
`uniq(1)` - report or omit repeated lines
`unlink(1)` - call the unlink function to remove the specified file
`uptime(1)` - tell how long the system has been running
`users(1)` - print the user names of users currently logged in to the current host
`vdir(1)` - list directory contents
`wc(1)` - print newline, word, and byte counts for each file
`who(1)` - show who is logged on
`whoami(1)` - print effective userid
`yes(1)` - output a string repeatedly until killed

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crash (Linux crash dump analyzer)

`crash(8)` - Analyze Linux crash dump data or a live system

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cronie (crond daemon)

`cronnext(1)` - time of next job cron will execute
`crontab(1)` - maintains crontab files for individual users

[anacrontab\(5\)](#) - configuration file for Anacron
[crontab\(5\)](#) - files used to schedule the execution of programs

[anacron\(8\)](#) - runs commands periodically
[cron\(8\)](#) - daemon to execute scheduled commands
[crond\(8\)](#) - daemon to execute scheduled commands

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Cryptsetup ((open-source disk encryption))

[cryptsetup\(8\)](#) - manage plain dm-crypt and LUKS encrypted volumes
[cryptsetup-reencrypt\(8\)](#) - tool for offline LUKS device re-encryption
[integritysetup\(8\)](#) - manage dm-integrity (block level integrity) volumes
[veritysetup\(8\)](#) - manage dm-verity (block level verification) volumes

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CUPS (a standards-based, open source printing system)

[cancel\(1\)](#) - cancel jobs
[cups\(1\)](#) - a standards-based, open source printing system
[cups-config\(1\)](#) - get cups api, compiler, directory, and link information.
[cupstestppd\(1\)](#) - test conformance of ppd files
[ippeveprinter\(1\)](#) - an ipp everywhere printer application for cups
[ippfind\(1\)](#) - find internet printing protocol printers
[ipptool\(1\)](#) - perform internet printing protocol requests
[lp\(1\)](#) - print files
[lpoptions\(1\)](#) - display or set printer options and defaults
[lpq\(1\)](#) - show printer queue status
[lpr\(1\)](#) - print files
[lprm\(1\)](#) - cancel print jobs
[lpstat\(1\)](#) - print cups status information
[ppdc\(1\)](#) - cups ppd compiler (deprecated)
[ppdhtml\(1\)](#) - cups html summary generator (deprecated)
[ppdi\(1\)](#) - import ppd files (deprecated)
[ppdmerge\(1\)](#) - merge ppd files (deprecated)
[ppdpo\(1\)](#) - ppd message catalog generator (deprecated)

[classes.conf\(5\)](#) - class configuration file for cups
[client.conf\(5\)](#) - client configuration file for cups (deprecated on macos)
[cupsd.conf\(5\)](#) - server configuration file for cups
[cupsd-logs\(5\)](#) - cupsd log files (access_log, error_log, and page_log)
[cups-files.conf\(5\)](#) - file and directory configuration file for cups
[cups-snmp.conf\(5\)](#) - snmp configuration file for cups (deprecated)
[ipptoolfile\(5\)](#) - ipptool file format
[mailto.conf\(5\)](#) - configuration file for cups email notifier
[mime.convs\(5\)](#) - mime type conversion file for cups (deprecated)
[mime.types\(5\)](#) - mime type description file for cups
[ppdcfile\(5\)](#) - cups ppd compiler source file format (deprecated)
[printers.conf\(5\)](#) - printer configuration file for cups
[subscriptions.conf\(5\)](#) - subscription configuration file for cups

[backend\(7\)](#) - cups backend transmission interfaces
[filter\(7\)](#) - cups file conversion filter interface
[ippevepcl\(7\)](#) - pcl and postscript print commands for ippeveprinter
[notifier\(7\)](#) - cups notification interface

[cupsaccept\(8\)](#) - accept/reject jobs sent to a destination
[cupscctl\(8\)](#) - configure cupsd.conf options
[cupsd\(8\)](#) - cups scheduler
[cupsd-helper\(8\)](#) - cupsd helper programs (deprecated)
[cupsenable\(8\)](#) - stop/start printers and classes
[cupsfilter\(8\)](#) - convert a file to another format using cups filters (deprecated)
[cups-lpd\(8\)](#) - receive print jobs and report printer status to lpd clients (deprecated)
[cups-snmp\(8\)](#) - cups snmp backend (deprecated)

[lpadmin\(8\)](#) - configure cups printers and classes
[lpc\(8\)](#) - line printer control program (deprecated)
[lpinfo\(8\)](#) - show available devices or drivers (deprecated)
[lpmove\(8\)](#) - move a job or all jobs to a new destination

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curl (Command line tool and library for transferring data with URLs)

[curl\(1\)](#) - transfer a URL
[curl-config\(1\)](#) - Get information about a libcurl installation
[mk-ca-bundle\(1\)](#) - convert mozilla's certdata.txt to PEM format

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dash (Debian Almquist shell)

[dash\(1\)](#) - command interpreter (shell)

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debhelper (helper programs for debian/rules)

[dh\(1\)](#) - debhelper command sequencer
[dh_auto_build\(1\)](#) - automatically builds a package
[dh_auto_clean\(1\)](#) - automatically cleans up after a build
[dh_auto_configure\(1\)](#) - automatically configure a package prior to building
[dh_auto_install\(1\)](#) - automatically runs make install or similar
[dh_auto_test\(1\)](#) - automatically runs a package's test suites
[dh_bugfiles\(1\)](#) - install bug reporting customization files into package build directories
[dh_builddeb\(1\)](#) - build Debian binary packages
[dh_clean\(1\)](#) - clean up package build directories
[dh_compress\(1\)](#) - compress files and fix symlinks in package build directories
[dh_dwz\(1\)](#) - optimize DWARF debug information in ELF binaries via dwz
[dh_fixperms\(1\)](#) - fix permissions of files in package build directories
[dh_gconf\(1\)](#) - install GConf defaults files and register schemas (deprecated)
[dh_gencontrol\(1\)](#) - generate and install control file
[dh_icons\(1\)](#) - Update caches of freedesktop icons
[dh_install\(1\)](#) - install files into package build directories
[dh_installdcatalogs\(1\)](#) - install and register SGML Catalogs
[dh_installdchangelogs\(1\)](#) - install changelogs into package build directories
[dh_installdcron\(1\)](#) - install cron scripts into etc/cron.*
[dh_installddeb\(1\)](#) - install files into the DEBIAN directory
[dh_installddebconf\(1\)](#) - install files used by debconf in package build directories
[dh_installdirs\(1\)](#) - create subdirectories in package build directories
[dh_installdocs\(1\)](#) - install documentation into package build directories
[dh_installemacs\(1\)](#) - register an Emacs add on package
[dh_installexamples\(1\)](#) - install example files into package build directories
[dh_installogsettings\(1\)](#) - install GSettings overrides and set dependencies
[dh_installogifupdown\(1\)](#) - install if-up and if-down hooks
[dh_installoginfo\(1\)](#) - install info files
[dh_installoginit\(1\)](#) - install service init files into package build directories
[dh_installoginitramfs\(1\)](#) - install initramfs hooks and setup maintscripts
[dh_installoglogcheck\(1\)](#) - install logcheck rulefiles into etc/logcheck/
[dh_installoglogrotate\(1\)](#) - install logrotate config files
[dh_installogman\(1\)](#) - install man pages into package build directories
[dh_installogmanpages\(1\)](#) - old-style man page installer (deprecated)
[dh_installogmenu\(1\)](#) - install Debian menu files into package build directories
[dh_installogmime\(1\)](#) - install mime files into package build directories
[dh_installogmodules\(1\)](#) - register kernel modules
[dh_installogpam\(1\)](#) - install pam support files
[dh_installogppp\(1\)](#) - install ppp ip-up and ip-down files

dh_installsystemd(1) - install systemd unit files
dh_installsystemduser(1) - install systemd unit files
dh_installudev(1) - install udev rules files
dh_installwm(1) - register a window manager
dh_installxfonts(1) - register X fonts
dh_link(1) - create symlinks in package build directories
dh_lintian(1) - install lintian override files into package build directories
dh_listpackages(1) - list binary packages debhelper will act on
dh_makeshlibs(1) - automatically create shlibs file and call dpkg-gensymbols
dh_md5sums(1) - generate DEBIAN/md5sums file
dh_missing(1) - check for missing files
dh_movefiles(1) - move files out of debian/tmp into subpackages
dh_perl(1) - calculates Perl dependencies and cleans up after MakeMaker
dh_prep(1) - perform cleanups in preparation for building a binary package
dh_shlibdeps(1) - calculate shared library dependencies
dh_strip(1) - strip executables, shared libraries, and some static libraries
dh_systemd_enable(1) - enable/disable systemd unit files
dh_systemd_start(1) - start/stop/restart systemd unit files
dh_testdir(1) - test directory before building Debian package
dh_testroot(1) - ensure that a package is built with necessary level of root permissions
dh_ucf(1) - register configuration files with ucf
dh_update_autotools_config(1) - Update autotools config files
dh_usrlocal(1) - migrate usr/local directories to maintainer scripts

debhelper(7) - the debhelper tool suite
debhelper-obsolete-compat(7) - List of no longer supported compat levels

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diffutils (GNU diff utilities)

cmp(1) - compare two files byte by byte
diff(1) - compare files line by line
diff3(1) - compare three files line by line
sdiff(1) - side-by-side merge of file differences

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dpkg (Debian Package Manager)

dpkg(1) - package manager for Debian
dpkg-architecture(1) - set and determine the architecture for package building
dpkg-buildflags(1) - returns build flags to use during package build
dpkg-buildpackage(1) - build binary or source packages from sources
dpkg-checkbuilddeps(1) - check build dependencies and conflicts
dpkg-deb(1) - Debian package archive (.deb) manipulation tool
dpkg-distaddfile(1) - add entries to debian/files
dpkg-divert(1) - override a package's version of a file
dpkg-genbuildinfo(1) - generate Debian .buildinfo files
dpkg-genchanges(1) - generate Debian .changes files
dpkg-gencontrol(1) - generate Debian control files
dpkg-gensymbols(1) - generate symbols files (shared library dependency information)
dpkg-maintscript-helper(1) - works around known dpkg limitations in maintainer scripts
dpkg-mergechangelogs(1) - 3-way merge of debian/changelog files
dpkg-name(1) - rename Debian packages to full package names
dpkg-parsechangelog(1) - parse Debian changelog files
dpkg-query(1) - a tool to query the dpkg database
dpkg-scanpackages(1) - create Packages index files
dpkg-scansources(1) - create Sources index files
dpkg-shlibdeps(1) - generate shared library subvar dependencies
dpkg-source(1) - Debian source package (.dsc) manipulation tool
dpkg-split(1) - Debian package archive split/join tool
dpkg-statoverride(1) - override ownership and mode of files
dpkg-trigger(1) - a package trigger utility
dpkg-vendor(1) - queries information about distribution vendors
dselect(1) - Debian package management frontend
update-alternatives(1) - maintain symbolic links determining default commands

deb(5) - Debian binary package format
deb822(5) - Debian RFC822 control data format
deb-buildinfo(5) - Debian build information file format
deb-changelog(5) - dpkg source packages' changelog file format
deb-changes(5) - Debian changes file format
deb-conffiles(5) - package conffiles
deb-control(5) - Debian binary packages' master control file format
deb-extra-override(5) - Debian archive extra override file
deb-old(5) - old style Debian binary package format
deb-origin(5) - Vendor-specific information files
deb-override(5) - Debian archive override file
deb-postinst(5) - package post-installation maintainer script
deb-postrm(5) - package post-removal maintainer script
deb-preinst(5) - package pre-installation maintainer script
deb-prerm(5) - package pre-removal maintainer script
deb-shlibs(5) - Debian shared library information file
deb-split(5) - Debian multi-part binary package format
deb-src-control(5) - Debian source packages' master control file format
deb-src-files(5) - Debian distribute files format
deb-src-rules(5) - Debian source package rules file
deb-substvars(5) - Debian source substitution variables
deb-symbols(5) - Debian's extended shared library information file
deb-triggers(5) - package triggers
dpkg.cfg(5) - dpkg configuration file
dsc(5) - Debian source packages' control file format
dselect.cfg(5) - dselect configuration file

deb-version(7) - Debian package version number format

start-stop-daemon(8) - start and stop system daemon programs

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dracut (event driven initramfs infrastructure)

lsinitrd(1) - tool to show the contents of an initramfs image

dracut.conf(5) - configuration file(s) for dracut

dracut.bootup(7) - boot ordering in the initramfs
dracut.cmdline(7) - dracut kernel command line options
dracut.modules(7) - dracut modules

dracut(8) - low-level tool for generating an initramfs/initrd image
dracut-catimages(8) - creates initial ramdisk image by concatenating images
mkinitrd(8) - is a compat wrapper, which calls dracut to generate an initramfs
mkinitrd-suse(8) - is a compat wrapper, which calls dracut to generate an initramfs

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e2fsprogs (utilities for ext2/3/4 filesystems)

chattr(1) - change file attributes on a Linux file system
fuse2fs(1) - FUSE file system client for ext2/ext3/ext4 file systems
lsattr(1) - list file attributes on a Linux second extended file system

e2fsck.conf(5) - Configuration file for e2fsck
ext4(5) - the second extended file system
mke2fs.conf(5) - Configuration file for mke2fs

badblocks(8) - search a device for bad blocks
debugfs(8) - ext2/ext3/ext4 file system debugger
dumpe2fs(8) - dump ext2/ext3/ext4 filesystem information
e2freefrag(8) - report free space fragmentation information
e2fsck(8) - check a Linux ext2/ext3/ext4 file system
e2image(8) - Save critical ext2/ext3/ext4 filesystem metadata to a file

[e2label\(8\)](#) - Change the label on an ext2/ext3/ext4 filesystem
[e2mmpstatus\(8\)](#) - Check MMP status of an ext4 filesystem
[e2undo\(8\)](#) - Replay an undo log for an ext2/ext3/ext4 filesystem
[e4crypt\(8\)](#) - ext4 filesystem encryption utility
[e4defrag\(8\)](#) - online defragmenter for ext4 filesystem
[filefrag\(8\)](#) - report on file fragmentation
[fsck\(8\)](#) - check and repair a Linux file system
[logsave\(8\)](#) - save the output of a command in a logfile
[mke2fs\(8\)](#) - create an ext2/ext3/ext4 filesystem
[mklost+found\(8\)](#) - create a lost+found directory on a mounted Linux second extended file system
[resize2fs\(8\)](#) - ext2/ext3/ext4 file system resizer
[tune2fs\(8\)](#) - adjust tunable filesystem parameters on ext2/ext3/ext4 filesystems

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ethtool (utility for controlling network drivers and hardware)

[ethtool\(8\)](#) - query or control network driver and hardware settings

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expect (programmed dialogue with interactive programs)

[expect\(1\)](#) - programmed dialogue with interactive programs, Version 5

[libexpect\(3\)](#) - programmed dialogue library with interactive programs

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file (a file type guesser)

[file\(1\)](#) - determine file type

[libmagic\(3\)](#) - Magic number recognition library

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`msgcat(1)` - combines several message catalogs
`msgcmp(1)` - compare message catalog and template
`msgcomm(1)` - match two message catalogs
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`git-am(1)` - Apply a series of patches from a mailbox
`git-annotate(1)` - Annotate file lines with commit information
`git-apply(1)` - Apply a patch to files and/or to the index
`git-archimport(1)` - Import a GNU Arch repository into Git
`git-archive(1)` - Create an archive of files from a named tree
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GNU grep (regular expression file search tool)

[egrep\(1\)](#) - print lines that match patterns
[fgrep\(1\)](#) - print lines that match patterns
[grep\(1\)](#) - print lines that match patterns

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groff (GNU troff)

[addftinfo\(1\)](#) - add information to troff font files for use with groff
[afmtodit\(1\)](#) - create font files for use with groff -Tps and -Tpdf
[chem\(1\)](#) - groff preprocessor for producing chemical structure diagrams
[eqn\(1\)](#) - format equations for troff or MathML
[eqn2graph\(1\)](#) - convert an EQN equation into a cropped image
[gdiffmk\(1\)](#) - mark differences between groff/nroff/troff files
[glilypond\(1\)](#) - integrate lilypond parts into groff
[gperl\(1\)](#) - groff preprocessor for Perl parts in roff files
[gpinyin\(1\)](#) - use Hanyu Pinyin Chinese in roff
[grap2graph\(1\)](#) - convert a GRAP diagram into a cropped image
[grn\(1\)](#) - groff preprocessor for gremlin files
[grodvi\(1\)](#) - convert groff output to TeX DVI format
[groff\(1\)](#) - front-end for the groff document formatting system
[groffer\(1\)](#) - display groff files and man pages on X and tty
[grog\(1\)](#) - guess options for a following groff command
[grohtml\(1\)](#) - HTML driver for groff
[grolbp\(1\)](#) - groff driver for Canon CAPSL printers (LBP-4 and LBP-8 series laser printers)
[grolj4\(1\)](#) - groff driver for HP LaserJet 4 family
[gropdf\(1\)](#) - PDF driver for groff
[grops\(1\)](#) - PostScript driver for groff
[grotty\(1\)](#) - groff driver for typewriter-like (terminal) devices
[hpftodit\(1\)](#) - create font description files for use with groff -Tlj4
[indxbib\(1\)](#) - make inverted index for bibliographic databases
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[mmroff\(1\)](#) - cross-reference preprocessor for GNU roff mm macro package
[neqn\(1\)](#) - format equations for ASCII output
[nroff\(1\)](#) - use groff to format documents for TTY (terminal) devices
[pdfmom\(1\)](#) - produce PDF documents using the mom macro package for groff
[pdfroff\(1\)](#) - create PDF documents using groff
[pfbtops\(1\)](#) - translate Printer Font Binary files to PostScript ASCII
[pic\(1\)](#) - compile pictures for troff or TeX
[pic2graph\(1\)](#) - convert a PIC diagram into a cropped image
[preconv\(1\)](#) - convert encoding of input files to something GNU troff understands
[refer\(1\)](#) - preprocess bibliographic references for groff
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[soelim\(1\)](#) - interpret .so requests in groff input
[tbl\(1\)](#) - format tables for troff
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[troff\(1\)](#) - the troff processor of the groff text formatting system

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[hdparm\(8\)](#) - get/set SATA/IDE device parameters

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hg (Mercurial source code management system)

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htop (an interactive process viewer)

[htop\(1\)](#) - interactive process viewer

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GNU indent (a C program formatter)

[indent\(1\)](#) - changes the appearance of a C program by inserting or deleting whitespace.

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[inotifywatch\(1\)](#) - gather filesystem access statistics using inotify

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iotop (a simple top-like I/O monitor)

[iotop\(8\)](#) - simple top-like I/O monitor

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[tc-hfsc\(7\)](#) - Hierarchical Fair Service Curve

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[bridge\(8\)](#) - show / manipulate bridge addresses and devices

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[ip-netconf\(8\)](#) - network configuration monitoring

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[xtables-monitor\(8\)](#) - show changes to rule set and trace-events
[xtables-nft\(8\)](#) - iptables using nftables kernel api
[xtables-translate\(8\)](#) - translation tool to migrate from iptables to nftables

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iptraf-ng (Interactive Colorful IP LAN Monitor)

[iptraf-ng\(8\)](#) - Interactive Colorful IP LAN Monitor

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iputils (IP utilities)

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[ninfod\(8\)](#) - Respond to IPv6 Node Information Queries
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[rdisc\(8\)](#) - network router discovery daemon
[tftpd\(8\)](#) - Trivial File Transfer Protocol server
[tracepath\(8\)](#) - traces path to a network host discovering MTU along this path

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kbd (Linux keyboard tools)

[chvt\(1\)](#) - change foreground virtual terminal
[deallocvt\(1\)](#) - deallocate unused virtual consoles
[dumpkeys\(1\)](#) - dump keyboard translation tables
[fgconsole\(1\)](#) - print the number of the active VT.
[kbdinfo\(1\)](#) - read information about keyboard state
[kbd_mode\(1\)](#) - report or set the keyboard mode
[loadkeys\(1\)](#) - load keyboard translation tables
[openvt\(1\)](#) - start a program on a new virtual terminal (VT).
[psfaddtable\(1\)](#) - add a Unicode character table to a console font
[psfgettable\(1\)](#) - extract the embedded Unicode character table from a console font
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[unicode_start\(1\)](#) - put keyboard and console in unicode mode
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[keymaps\(5\)](#) - keyboard table descriptions for loadkeys and dumpkeys

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[loadunimap\(8\)](#) - load the kernel unicode-to-font mapping table
[mapscrn\(8\)](#) - load screen output mapping table
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`keyctl_clear(3)` - clear a keyring
`keyctl_describe(3)` - describe a key
`keyctl_dh_compute(3)` - Compute a Diffie-Hellman shared secret or public key
`keyctl_get_keyring_ID(3)` - get the ID of a special keyring
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`keyctl_search(3)` - search a keyring for a key
`keyctl_session_to_parent(3)` - set the parent process's session keyring
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`request-key.conf(5)` - Instantiation handler configuration file

`asymmetric-key(7)` - Kernel key type for holding asymmetric keys
`keyutils(7)` - in-kernel key management utilities

`key.dns_resolver(8)` - upcall for request-key to handle dns_resolver keys
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`depmod(8)` - Generate modules.dep and map files.
`insmod(8)` - Simple program to insert a module into the Linux Kernel
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`lsmod(8)` - Show the status of modules in the Linux Kernel
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`abidw(1)` - serialize the ABI of an ELF file
`abilint(1)` - validate an abigail ABI representation
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`fedabipkgdiff(1)` - compare ABIs of Fedora packages

`libabigail(7)` - Library to analyze and compare ELF ABIs

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`capsh(1)` - capability shell wrapper

`cap_clear(3)` - capability data object manipulation
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`cap_drop_bound(3)` - capability manipulation on processes
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`cap_from_name(3)` - capability state textual representation translation
`cap_from_text(3)` - capability state textual representation translation
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`cap_get_file(3)` - capability manipulation on files
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`capgetp(3)` - capability manipulation on processes
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`cap_init(3)` - capability data object storage management
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`cap_set_file(3)` - capability manipulation on files
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`cap_size(3)` - capability state external representation translation
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`libcap(3)` - capability data object manipulation

`getcap(8)` - examine file capabilities
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libcap-ng (capabilities commands and library (NG))

`capng_apply(3)` - apply the stored capabilities settings
`capng_capability_to_name(3)` - convert capability integer to text
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`capng_clear(3)` - clear chosen capabilities set
`capng_fill(3)` - fill chosen capabilities set
`capng_get_caps_fd(3)` -
`capng_get_caps_process(3)` - get the capabilities from a process
`capng_have_capabilities(3)` - general check for capabilities
`capng_have_capability(3)` - check for specific capability
`capng_lock(3)` - lock the current process capabilities settings
`capng_name_to_capability(3)` - convert capability text to integer
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`capng_restore_state(3)` - set the internal library state
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`captest(8)` - a program to demonstrate capabilities
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`pcap(3pcap)` - Packet Capture library
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`pcap_can_set_rfmmon(3pcap)` - check whether monitor mode can be set for a not-yet-activated capture handle
`pcap_close(3pcap)` - close a capture device or savefile
`pcap_compile(3pcap)` - compile a filter expression
`pcap_create(3pcap)` - create a live capture handle
`pcap_datalink(3pcap)` - get the link-layer header type
`pcap_datalink_name_to_val(3pcap)` - get the link-layer header type value corresponding to a header type name
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`pcap_dump(3pcap)` - write a packet to a capture file
`pcap_dump_close(3pcap)` - close a savefile being written to
`pcap_dump_file(3pcap)` - get the standard I/O stream for a savefile being written
`pcap_dump_flush(3pcap)` - flush to a savefile packets dumped
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`pcap_file(3pcap)` - get the standard I/O stream for a savefile being read
`pcap_fileno(3pcap)` - get the file descriptor for a live capture
`pcap_findalldevs(3pcap)` - get a list of capture devices, and free that list
`pcap_freecode(3pcap)` - free a BPF program
`pcap_geterr(3pcap)` - get or print libpcap error message text
`pcap_get_required_select_timeout(3pcap)` - get a file descriptor on which a `select()` can be done for a live capture

`pcap_get_selectable_fd(3pcap)` - get a file descriptor on which a `select()` can be done for a live capture
`pcap_get_tstamp_precision(3pcap)` - get the time stamp precision returned in captures
`pcap_inject(3pcap)` - transmit a packet
`pcap_is_swapped(3pcap)` - find out whether a savefile has the native byte order
`pcap_lib_version(3pcap)` - get the version information for libpcap
`pcap_list_datalinks(3pcap)` - get a list of link-layer header types supported by a capture device, and free that list
`pcap_list_tstamp_types(3pcap)` - get a list of time stamp types supported by a capture device, and free that list
`pcap_lookupdev(3pcap)` - find the default device on which to capture
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`pcap_loop(3pcap)` - process packets from a live capture or savefile
`pcap_major_version(3pcap)` - get the version number of a savefile
`pcap_next_ex(3pcap)` - read the next packet from a `pcap_t`
`pcap_offline_filter(3pcap)` - check whether a filter matches a packet
`pcap_open_dead(3pcap)` - open a fake `pcap_t` for compiling filters or opening a capture for output
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`pcap_open_offline(3pcap)` - open a saved capture file for reading
`pcap_set_buffer_size(3pcap)` - set the buffer size for a not-yet-activated capture handle
`pcap_set_datalink(3pcap)` - set the link-layer header type to be used by a capture device
`pcap_setdirection(3pcap)` - set the direction for which packets will be captured
`pcap_setfilter(3pcap)` - set the filter
`pcap_set_immediate_mode(3pcap)` - set immediate mode for a not-yet-activated capture handle
`pcap_setnonblock(3pcap)` - set or get the state of non-blocking mode on a capture device
`pcap_set_promisc(3pcap)` - set promiscuous mode for a not-yet-activated capture handle
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`pcap_set_snaplen(3pcap)` - set the snapshot length for a not-yet-activated capture handle
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`pcap_set_tstamp_precision(3pcap)` - set the time stamp precision returned in captures
`pcap_set_tstamp_type(3pcap)` - set the time stamp type to be used by a capture device
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`pcap_stats(3pcap)` - get capture statistics
`pcap_statustostr(3pcap)` - convert a `PCAP_ERROR_` or `PCAP_WARNING_` value to a string
`pcap_strerror(3pcap)` - convert an `errno` value to a string
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libpipeline (pipeline manipulation library)

`libpipeline(3)` - pipeline manipulation library

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`seccomp_api_set(3)` - Manage the libseccomp API level
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pam_authenticate(3) - account authentication
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[sctp_getladdrs\(3\)](#) - Returns all locally bound addresses on a socket.
[sctp_getpaddrs\(3\)](#) - Returns all peer addresses in an association.
[sctp_opt_info\(3\)](#) - Get options on a SCTP socket.
[sctp_peeloff\(3\)](#) - Branch off an association into a separate socket.
[sctp_recvmmsg\(3\)](#) - Receive a message from a SCTP socket.
[sctp_rcvrv\(3\)](#) - Receive a message from a SCTP socket with an extensible way.
[sctp_send\(3\)](#) - Send a message from a SCTP socket.
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[sctp\(7\)](#) - SCTP protocol.

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logrotate (simplify the administration of log files)

[logrotate.conf\(5\)](#) - logrotate - rotates, compresses, and mails system logs

[logrotate\(8\)](#) - logrotate - rotates, compresses, and mails system logs

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ltrace (library call tracer)

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[lttng-create\(1\)](#) - Create an LTTng tracing session
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[lttng-enable-event\(1\)](#) - Create or enable LTTng event rules
[lttng-enable-rotation\(1\)](#) - Set a tracing session's rotation schedule
[lttng-help\(1\)](#) - Display help information about an LTTng command
[lttng-list\(1\)](#) - List LTTng tracing sessions, domains, channels, and events
[lttng-load\(1\)](#) - Load LTTng tracing session configurations
[lttng-metadata\(1\)](#) - Manage an LTTng tracing session's metadata generation
[lttng-regenerate\(1\)](#) - Manage an LTTng tracing session's data regeneration
[lttng-rotate\(1\)](#) - Archive a tracing session's current trace chunk
[lttng-save\(1\)](#) - Save LTTng tracing session configurations
[lttng-set-session\(1\)](#) - Set the current LTTng tracing session
[lttng-snapshot\(1\)](#) - Take LTTng snapshots and configure snapshot outputs
[lttng-start\(1\)](#) - Start LTTng tracers
[lttng-status\(1\)](#) - Get the current LTTng tracing session's status
[lttng-stop\(1\)](#) - Stop LTTng tracers
[lttng-track\(1\)](#) - Add one or more entries to an LTTng resource tracker
[lttng-untrack\(1\)](#) - Remove one or more entries from an LTTng resource tracker
[lttng-version\(1\)](#) - Get the version of LTTng-tools
[lttng-view\(1\)](#) - View the traces of an LTTng tracing session

[lttng-health-check\(3\)](#) - DEPRECATED

[lttng-relayd\(8\)](#) - LTTng 2 relay daemon

[lttng-sessiond\(8\)](#) - LTTng 2 tracing session daemon

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lttngtop (LTTng top-like application)

[lttngtop\(1\)](#) - LTTng Trace Viewer
[lttngtoptrace\(1\)](#) - Live textual LTTng Trace Viewer

2 pages

LTTng-UST (LTTng Userspace Tracer)

[lttng-gen-tp\(1\)](#) - Generate LTTng-UST tracepoint provider code

[do_tracepoint\(3\)](#) - LTTng user space tracing
[lttng-ust\(3\)](#) - LTTng user space tracing
[lttng-ust-cyg-profile\(3\)](#) - Function tracing (LTTng-UST helper)
[lttng-ust-dl\(3\)](#) - Dynamic linker tracing (LTTng-UST helper)
[tracef\(3\)](#) - LTTng-UST printf(3)-like interface
[tracelog\(3\)](#) - LTTng-UST printf(3)-like interface with a log level
[tracepoint\(3\)](#) - LTTng user space tracing
[tracepoint_enabled\(3\)](#) - LTTng user space tracing

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lvm2 (Logical Volume Manager 2)

[lvm.conf\(5\)](#) - Configuration file for LVM2

[lvmcache\(7\)](#) - LVM caching
[lvmraid\(7\)](#) - LVM RAID
[lvmreport\(7\)](#) - LVM reporting and related features
[lvmsystemid\(7\)](#) - LVM system ID
[lvmthin\(7\)](#) - LVM thin provisioning
[lvmvdo\(7\)](#) - EXPERIMENTAL LVM Virtual Data Optimizer support

[blkdeactivate\(8\)](#) - utility to deactivate block devices
[cmirror\(8\)](#) - cluster mirror log daemon
[dmsetup\(8\)](#) - low level logical volume management
[dmstats\(8\)](#) - mapper statistics management
[fsadm\(8\)](#) - utility to resize or check filesystem on a device
[lvchange\(8\)](#) - Change the attributes of logical volume(s)
[lvconvert\(8\)](#) - Change logical volume layout
[lvcreate\(8\)](#) - Create a logical volume
[lvdisplay\(8\)](#) - Display information about a logical volume
[lvextend\(8\)](#) - Add space to a logical volume
[lvm2-activation-generator\(8\)](#) - generator for systemd units to activate LVM volumes on boot
[lvm\(8\)](#) - LVM2 tools
[lvm-config\(8\)](#) - Display and manipulate configuration information
[lvmconfig\(8\)](#) - Display and manipulate configuration information
[lvmdbusd\(8\)](#) - Bus daemon
[lvmdiskscan\(8\)](#) - List devices that may be used as physical volumes
[lvmdump\(8\)](#) - create lvm2 information dumps for diagnostic purposes
[lvm-dumpconfig\(8\)](#) - Display and manipulate configuration information
[lvm-fullreport\(8\)](#) - Display full report
[lvmlockctl\(8\)](#) - Control for lvmlockd
[lvmlockd\(8\)](#) - LVM locking daemon
[lvm-lvpoll\(8\)](#) - Continue already initiated poll operation on a logical volume
[lvmpolld\(8\)](#) - LVM poll daemon
[lvmsadc\(8\)](#) - LVM system activity data collector
[lvmsar\(8\)](#) - LVM system activity reporter
[lvreduce\(8\)](#) - Reduce the size of a logical volume
[lvremove\(8\)](#) - Remove logical volume(s) from the system
[lvrename\(8\)](#) - Rename a logical volume

lvresize(8) - Resize a logical volume
lvs(8) - Display information about logical volumes
lvscan(8) - List all logical volumes in all volume groups
pvchange(8) - Change attributes of physical volume(s)
pvck(8) - Check metadata on physical volumes
pvcreate(8) - Initialize physical volume(s) for use by LVM
pvdisplay(8) - Display various attributes of physical volume(s)
pvmove(8) - Move extents from one physical volume to another
pvremove(8) - Remove LVM label(s) from physical volume(s)
pvresize(8) - Resize physical volume(s)
pvs(8) - Display information about physical volumes
pvscan(8) - List all physical volumes
vgcfgbackup(8) - Backup volume group configuration(s)
vgcfgrestore(8) - Restore volume group configuration
vgchange(8) - Change volume group attributes
vgck(8) - Check the consistency of volume group(s)
vgconvert(8) - Change volume group metadata format
vgcreate(8) - Create a volume group
vgdisplay(8) - Display volume group information
vgexport(8) - Unregister volume group(s) from the system
vgextend(8) - Add physical volumes to a volume group
vgimport(8) - Register exported volume group with system
vgimportclone(8) - Import a VG from cloned PVs
vgmerge(8) - Merge volume groups
vgmknodes(8) - Create the special files for volume group devices in /dev
vgreduce(8) - Remove physical volume(s) from a volume group
vgremove(8) - Remove volume group(s)
vgrename(8) - Rename a volume group
vgs(8) - Display information about volume groups
vgscan(8) - Search for all volume groups
vgsplit(8) - Move physical volumes into a new or existing volume group

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[top](#)

lxc (Linux containers)

lxc-attach(1) - start a process inside a running container.
lxc-autostart(1) - start/stop/kill auto-started containers
lxc-cgroup(1) - manage the control group associated with a container
lxc-checkconfig(1) - check the current kernel for lxc support
lxc-checkpoint(1) - checkpoint a container
lxc-config(1) - query LXC system configuration
lxc-console(1) - Launch a console for the specified container
lxc-copy(1) - copy an existing container.
lxc-create(1) - creates a container
lxc-destroy(1) - destroy a container.
lxc-device(1) - manage devices of running containers
lxc-execute(1) - run an application inside a container.
lxc-freeze(1) - freeze all the container's processes
lxc-info(1) - query information about a container
lxc-ls(1) - list the containers existing on the system
lxc-monitor(1) - monitor the container state
lxc-snapshot(1) - Snapshot an existing container.
lxc-start(1) - run an application inside a container.
lxc-stop(1) - stop the application running inside a container
lxc-top(1) - monitor container statistics
lxc-unfreeze(1) - thaw all the container's processes
lxc-unshare(1) - Run a task in a new set of namespaces.
lxc-update-config(1) - update a legacy pre LXC 2.1 configuration file
lxc-user-nic(1) - Manage nics in another network namespace
lxc-userns(1) - Run a task as root in a new user namespace.
lxc-wait(1) - wait for a specific container state

lxc.conf(5) - Configuration files for LXC.
lxc.container.conf(5) - LXC container configuration file
lxc.system.conf(5) - LXC system configuration file
lxc-usernet(5) - unprivileged user network administration file.

lxc(7) - linux containers

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make (GNU make)

[make\(1\)](#) - GNU make utility to maintain groups of programs

1 page

man-db (manual pager suite)

[apropos\(1\)](#) - search the manual page names and descriptions
[lexgrog\(1\)](#) - parse header information in man pages
[man\(1\)](#) - an interface to the on-line reference manuals
[manconv\(1\)](#) - convert manual page from one encoding to another
[manpath\(1\)](#) - determine search path for manual pages
[whatis\(1\)](#) - display one-line manual page descriptions
[zsoelim\(1\)](#) - satisfy .so requests in roff input

[manpath\(5\)](#) - format of the /usr/local/etc/man_db.conf file

[accessdb\(8\)](#) - dumps the content of a man-db database in a human readable format
[catman\(8\)](#) - create or update the pre-formatted manual pages
[mandb\(8\)](#) - create or update the manual page index caches

11 pages

man-pages (Linux kernel and C library user-space interface documentation)

[getent\(1\)](#) - get entries from Name Service Switch libraries
[iconv\(1\)](#) - convert text from one character encoding to another
[intro\(1\)](#) - introduction to user commands
[ldd\(1\)](#) - print shared object dependencies
[locale\(1\)](#) - get locale-specific information
[localedef\(1\)](#) - compile locale definition files
[memusage\(1\)](#) - profile memory usage of a program
[memusagestat\(1\)](#) - generate graphic from memory profiling data
[mtrace\(1\)](#) - interpret the malloc trace log
[pldd\(1\)](#) - display dynamic shared objects linked into a process
[sprof\(1\)](#) - read and display shared object profiling data
[time\(1\)](#) - time a simple command or give resource usage

[accept\(2\)](#) - accept a connection on a socket
[accept4\(2\)](#) - accept a connection on a socket
[access\(2\)](#) - check user's permissions for a file
[acct\(2\)](#) - switch process accounting on or off
[add_key\(2\)](#) - add a key to the kernel's key management facility
[adjtimex\(2\)](#) - tune kernel clock
[afs_syscall\(2\)](#) - unimplemented system calls
[alarm\(2\)](#) - set an alarm clock for delivery of a signal
[alloc_hugepages\(2\)](#) - allocate or free huge pages
[arch_prctl\(2\)](#) - set architecture-specific thread state
[arm_fadvise\(2\)](#) - predeclare an access pattern for file data
[arm_fadvise64_64\(2\)](#) - predeclare an access pattern for file data
[arm_sync_file_range\(2\)](#) - sync a file segment with disk
[bdflush\(2\)](#) - start, flush, or tune buffer-dirty-flush daemon
[bind\(2\)](#) - bind a name to a socket
[bpf\(2\)](#) - perform a command on an extended BPF map or program
[break\(2\)](#) - unimplemented system calls
[brk\(2\)](#) - change data segment size
[cacheflush\(2\)](#) - flush contents of instruction and/or data cache
[capget\(2\)](#) - set/get capabilities of thread(s)
[capset\(2\)](#) - set/get capabilities of thread(s)
[chdir\(2\)](#) - change working directory
[chmod\(2\)](#) - change permissions of a file

chown(2) - change ownership of a file
chown32(2) - change ownership of a file
chroot(2) - change root directory
clock_getres(2) - clock and time functions
clock_gettime(2) - clock and time functions
clock_nanosleep(2) - high-resolution sleep with specifiable clock
clock_settime(2) - clock and time functions
clone(2) - create a child process
clone2(2) - create a child process
__clone2(2) - create a child process
close(2) - close a file descriptor
connect(2) - initiate a connection on a socket
copy_file_range(2) - Copy a range of data from one file to another
creat(2) - open and possibly create a file
create_module(2) - create a loadable module entry
delete_module(2) - unload a kernel module
dup(2) - duplicate a file descriptor
dup2(2) - duplicate a file descriptor
dup3(2) - duplicate a file descriptor
epoll_create1(2) - open an epoll file descriptor
epoll_create(2) - open an epoll file descriptor
epoll_ctl(2) - control interface for an epoll file descriptor
epoll_pwait(2) - wait for an I/O event on an epoll file descriptor
epoll_wait(2) - wait for an I/O event on an epoll file descriptor
eventfd(2) - create a file descriptor for event notification
eventfd2(2) - create a file descriptor for event notification
execve(2) - execute program
execveat(2) - execute program relative to a directory file descriptor
exit(2) - terminate the calling process
_exit(2) - terminate the calling process
_Exit(2) - terminate the calling process
exit_group(2) - exit all threads in a process
faccessat(2) - check user's permissions for a file
fadvise64(2) - predeclare an access pattern for file data
fadvise64_64(2) - predeclare an access pattern for file data
fallocate(2) - manipulate file space
fanotify_init(2) - create and initialize fanotify group
fanotify_mark(2) - add, remove, or modify an fanotify mark on a filesystem object
fattach(2) - unimplemented system calls
fchdir(2) - change working directory
fchmod(2) - change permissions of a file
fchmodat(2) - change permissions of a file
fchown(2) - change ownership of a file
fchown32(2) - change ownership of a file
fchownat(2) - change ownership of a file
fcntl(2) - manipulate file descriptor
fcntl64(2) - manipulate file descriptor
fdasyncc(2) - synchronize a file's in-core state with storage device
fdetach(2) - unimplemented system calls
fgetxattr(2) - retrieve an extended attribute value
finit_module(2) - load a kernel module
flistxattr(2) - list extended attribute names
flock(2) - apply or remove an advisory lock on an open file
fork(2) - create a child process
free_hugepages(2) - allocate or free huge pages
fremovexattr(2) - remove an extended attribute
fsetxattr(2) - set an extended attribute value
fstat(2) - get file status
fstat64(2) - get file status
fstatat(2) - get file status
fstatat64(2) - get file status
fstatfs(2) - get filesystem statistics
fstatfs64(2) - get filesystem statistics
fstatvfs(2) - get filesystem statistics
fsync(2) - synchronize a file's in-core state with storage device
ftruncate(2) - truncate a file to a specified length
ftruncate64(2) - truncate a file to a specified length
futex(2) - fast user-space locking
futimesat(2) - change timestamps of a file relative to a directory file descriptor
getcontext(2) - get or set the user context
getcpu(2) - determine CPU and NUMA node on which the calling thread is running
getcwd(2) - get current working directory
getdents(2) - get directory entries
getdents64(2) - get directory entries
getdomainname(2) - get/set NIS domain name
getdtablesize(2) - get file descriptor table size
getegid(2) - get group identity

getegid32(2) - get group identity
geteuid(2) - get user identity
geteuid32(2) - get user identity
getgid(2) - get group identity
getgid32(2) - get group identity
getgroups(2) - get/set list of supplementary group IDs
getgroups32(2) - get/set list of supplementary group IDs
gethostid(2) - get or set the unique identifier of the current host
gethostname(2) - get/set hostname
getitimer(2) - get or set value of an interval timer
get_kernel_syms(2) - retrieve exported kernel and module symbols
get_mempolicy(2) - retrieve NUMA memory policy for a thread
getmsg(2) - unimplemented system calls
getpagesize(2) - get memory page size
getpeername(2) - get name of connected peer socket
getpgid(2) - set/get process group
getpgrp(2) - set/get process group
getpid(2) - get process identification
getpmsg(2) - unimplemented system calls
getppid(2) - get process identification
getpriority(2) - get/set program scheduling priority
getrandom(2) - obtain a series of random bytes
getresgid(2) - get real, effective and saved user/group IDs
getresgid32(2) - get real, effective and saved user/group IDs
getresuid(2) - get real, effective and saved user/group IDs
getresuid32(2) - get real, effective and saved user/group IDs
getrlimit(2) - get/set resource limits
get_robust_list(2) - get/set list of robust futexes
getrusage(2) - get resource usage
getsid(2) - get session ID
getsockname(2) - get socket name
getsockopt(2) - get and set options on sockets
get_thread_area(2) - manipulate thread-local storage information
gettid(2) - get thread identification
gettimeofday(2) - get / set time
getuid(2) - get user identity
getuid32(2) - get user identity
getunwind(2) - copy the unwind data to caller's buffer
getxattr(2) - retrieve an extended attribute value
gtty(2) - unimplemented system calls
idle(2) - make process 0 idle
inb(2) - port I/O
inb_p(2) - port I/O
init_module(2) - load a kernel module
inl(2) - port I/O
inl_p(2) - port I/O
inotify_add_watch(2) - add a watch to an initialized inotify instance
inotify_init1(2) - initialize an inotify instance
inotify_init(2) - initialize an inotify instance
inotify_rm_watch(2) - remove an existing watch from an inotify instance
insb(2) - port I/O
insl(2) - port I/O
insw(2) - port I/O
intro(2) - introduction to system calls
inw(2) - port I/O
inw_p(2) - port I/O
io_cancel(2) - cancel an outstanding asynchronous I/O operation
ioctl(2) - control device
ioctl_console(2) - ioctls for console terminal and virtual consoles
ioctl_fat(2) - manipulating the FAT filesystem
ioctl_ficlone(2) - share some the data of one file with another file
ioctl_ficlone_range(2) - share some the data of one file with another file
ioctl_fideduperange(2) - share some the data of one file with another file
ioctl_getfsmap(2) - retrieve the physical layout of the filesystem
ioctl_iflags(2) - ioctl() operations for inode flags
ioctl_list(2) - list of ioctl calls in Linux/i386 kernel
ioctl_ns(2) - ioctl() operations for Linux namespaces
ioctl_tty(2) - ioctls for terminals and serial lines
ioctl_userfaultfd(2) - create a file descriptor for handling page faults in user space
io_destroy(2) - destroy an asynchronous I/O context
io_getevents(2) - read asynchronous I/O events from the completion queue
ioperm(2) - set port input/output permissions
iopl(2) - change I/O privilege level
ioprio_get(2) - get/set I/O scheduling class and priority
ioprio_set(2) - get/set I/O scheduling class and priority
io_setup(2) - create an asynchronous I/O context
io_submit(2) - submit asynchronous I/O blocks for processing

ipc(2) - System V IPC system calls
isastream(2) - unimplemented system calls
kcmp(2) - compare two processes to determine if they share a kernel resource
kexec_file_load(2) - load a new kernel for later execution
kexec_load(2) - load a new kernel for later execution
keyctl(2) - manipulate the kernel's key management facility
kill(2) - send signal to a process
killpg(2) - send signal to a process group
lchown(2) - change ownership of a file
lchown32(2) - change ownership of a file
lgetxattr(2) - retrieve an extended attribute value
link(2) - make a new name for a file
linkat(2) - make a new name for a file
listen(2) - listen for connections on a socket
listxattr(2) - list extended attribute names
llistxattr(2) - list extended attribute names
llseek(2) - reposition read/write file offset
_llseek(2) - reposition read/write file offset
lock(2) - unimplemented system calls
lookup_dcookie(2) - return a directory entry's path
lremovexattr(2) - remove an extended attribute
lseek(2) - reposition read/write file offset
lsetxattr(2) - set an extended attribute value
lstat(2) - get file status
lstat64(2) - get file status
madvise(2) - unimplemented system calls
madvise(2) - give advice about use of memory
mbind(2) - set memory policy for a memory range
membarrier(2) - issue memory barriers on a set of threads
memfd_create(2) - create an anonymous file
migrate_pages(2) - move all pages in a process to another set of nodes
mincore(2) - determine whether pages are resident in memory
mkdir(2) - create a directory
mkdirat(2) - create a directory
mknod(2) - create a special or ordinary file
mknodat(2) - create a special or ordinary file
mlock(2) - lock and unlock memory
mlock2(2) - lock and unlock memory
mlockall(2) - lock and unlock memory
mmap(2) - map or unmap files or devices into memory
mmap2(2) - map files or devices into memory
modify_ldt(2) - get or set a per-process LDT entry
mount(2) - mount filesystem
move_pages(2) - move individual pages of a process to another node
mprotect(2) - set protection on a region of memory
mpx(2) - unimplemented system calls
mq_getsetattr(2) - get/set message queue attributes
mq_notify(2) - register for notification when a message is available
mq_open(2) - open a message queue
mq_timedreceive(2) - receive a message from a message queue
mq_timedsend(2) - send a message to a message queue
mq_unlink(2) - remove a message queue
mremap(2) - remap a virtual memory address
msgctl(2) - System V message control operations
msgget(2) - get a System V message queue identifier
msgop(2) - System V message queue operations
msgrcv(2) - System V message queue operations
msgsnd(2) - System V message queue operations
msync(2) - synchronize a file with a memory map
munlock(2) - lock and unlock memory
munlockall(2) - lock and unlock memory
munmap(2) - map or unmap files or devices into memory
name_to_handle_at(2) - obtain handle for a pathname and open file via a handle
nanosleep(2) - high-resolution sleep
newfstatat(2) - get file status
_newselect(2) - synchronous I/O multiplexing
nfservctl(2) - syscall interface to kernel nfs daemon
nice(2) - change process priority
oldfstat(2) - get file status
oldlstat(2) - get file status
oldolduname(2) - get name and information about current kernel
oldstat(2) - get file status
olduname(2) - get name and information about current kernel
open(2) - open and possibly create a file
openat(2) - open and possibly create a file
open_by_handle_at(2) - obtain handle for a pathname and open file via a handle
outb(2) - port I/O

outb_p(2) - port I/O
 outl(2) - port I/O
 outl_p(2) - port I/O
 outsb(2) - port I/O
 outsl(2) - port I/O
 outsw(2) - port I/O
 outw(2) - port I/O
 outw_p(2) - port I/O
 pause(2) - wait for signal
 pciconfig_iobase(2) - pci device information handling
 pciconfig_read(2) - pci device information handling
 pciconfig_write(2) - pci device information handling
 perf_event_open(2) - set up performance monitoring
 perfmomctl(2) - interface to IA-64 performance monitoring unit
 personality(2) - set the process execution domain
 phys(2) - unimplemented system calls
 pipe(2) - create pipe
 pipe2(2) - create pipe
 pivot_root(2) - change the root filesystem
 pkey_alloc(2) - allocate or free a protection key
 pkey_free(2) - allocate or free a protection key
 pkey_mprotect(2) - set protection on a region of memory
 poll(2) - wait for some event on a file descriptor
 posix_fadvise(2) - predeclare an access pattern for file data
 ppoll(2) - wait for some event on a file descriptor
 prctl(2) - operations on a process
 pread(2) - read from or write to a file descriptor at a given offset
 pread64(2) - read from or write to a file descriptor at a given offset
 preadv(2) - read or write data into multiple buffers
 preadv2(2) - read or write data into multiple buffers
 prlimit(2) - get/set resource limits
 prlimit64(2) - get/set resource limits
 process_vm_readv(2) - transfer data between process address spaces
 process_vm_writev(2) - transfer data between process address spaces
 prof(2) - unimplemented system calls
 pselect(2) - synchronous I/O multiplexing
 pselect6(2) - synchronous I/O multiplexing
 ptrace(2) - process trace
 putmsg(2) - unimplemented system calls
 putpmsg(2) - unimplemented system calls
 pwrite(2) - read from or write to a file descriptor at a given offset
 pwrite64(2) - read from or write to a file descriptor at a given offset
 pwritev(2) - read or write data into multiple buffers
 pwritev2(2) - read or write data into multiple buffers
 query_module(2) - query the kernel for various bits pertaining to modules
 quotactl(2) - manipulate disk quotas
 read(2) - read from a file descriptor
 readahead(2) - initiate file readahead into page cache
 readdir(2) - read directory entry
 readlink(2) - read value of a symbolic link
 readlinkat(2) - read value of a symbolic link
 readv(2) - read or write data into multiple buffers
 reboot(2) - reboot or enable/disable Ctrl-Alt-Del
 recv(2) - receive a message from a socket
 recvfrom(2) - receive a message from a socket
 recvmmsg(2) - receive multiple messages on a socket
 recvmsg(2) - receive a message from a socket
 remap_file_pages(2) - create a nonlinear file mapping
 removexattr(2) - remove an extended attribute
 rename(2) - change the name or location of a file
 renameat(2) - change the name or location of a file
 renameat2(2) - change the name or location of a file
 request_key(2) - request a key from the kernel's key management facility
 restart_syscall(2) - restart a system call after interruption by a stop signal
 rmdir(2) - delete a directory
 rt_sigaction(2) - examine and change a signal action
 rt_sigpending(2) - examine pending signals
 rt_sigprocmask(2) - examine and change blocked signals
 rt_sigqueueinfo(2) - queue a signal and data
 rt_sigreturn(2) - return from signal handler and cleanup stack frame
 rt_sigsuspend(2) - wait for a signal
 rt_sigtimedwait(2) - synchronously wait for queued signals
 rt_tsigqueueinfo(2) - queue a signal and data
 s390_guarded_storage(2) - operations with z/Architecture guarded storage facility
 s390_pci_mmio_read(2) - transfer data to/from PCI MMIO memory page
 s390_pci_mmio_write(2) - transfer data to/from PCI MMIO memory page
 s390_runtime_instr(2) - enable/disable s390 CPU run-time instrumentation

s390_sthyi(2) - emulate STHYI instruction
sbrk(2) - change data segment size
sched_getaffinity(2) - set and get a thread's CPU affinity mask
sched_getattr(2) - set and get scheduling policy and attributes
sched_getparam(2) - set and get scheduling parameters
sched_get_priority_max(2) - get static priority range
sched_get_priority_min(2) - get static priority range
sched_getscheduler(2) - set and get scheduling policy/parameters
sched_rr_get_interval(2) - get the SCHED_RR interval for the named process
sched_setaffinity(2) - set and get a thread's CPU affinity mask
sched_setattr(2) - set and get scheduling policy and attributes
sched_setparam(2) - set and get scheduling parameters
sched_setscheduler(2) - set and get scheduling policy/parameters
sched_yield(2) - yield the processor
seccomp(2) - operate on Secure Computing state of the process
security(2) - unimplemented system calls
select(2) - synchronous I/O multiplexing
select_tut(2) - synchronous I/O multiplexing
semctl(2) - System V semaphore control operations
semget(2) - get a System V semaphore set identifier
semop(2) - System V semaphore operations
semtimedop(2) - System V semaphore operations
send(2) - send a message on a socket
sendfile(2) - transfer data between file descriptors
sendfile64(2) - transfer data between file descriptors
sendmsg(2) - send multiple messages on a socket
sendmmsg(2) - send a message on a socket
sendto(2) - send a message on a socket
setcontext(2) - get or set the user context
setdomainname(2) - get/set NIS domain name
setegid(2) - set effective user or group ID
seteuid(2) - set effective user or group ID
setfsgid(2) - set group identity used for filesystem checks
setfsgid32(2) - set group identity used for filesystem checks
setfsuid(2) - set user identity used for filesystem checks
setfsuid32(2) - set user identity used for filesystem checks
setgid(2) - set group identity
setgid32(2) - set group identity
setgroups(2) - get/set list of supplementary group IDs
setgroups32(2) - get/set list of supplementary group IDs
sethostid(2) - get or set the unique identifier of the current host
sethostname(2) - get/set hostname
setitimer(2) - get or set value of an interval timer
set_mempolicy(2) - set default NUMA memory policy for a thread and its children
setns(2) - reassociate thread with a namespace
setpgid(2) - set/get process group
setpgrp(2) - set/get process group
setpriority(2) - get/set program scheduling priority
setregid(2) - set real and/or effective user or group ID
setregid32(2) - set real and/or effective user or group ID
setresgid(2) - set real, effective and saved user or group ID
setresgid32(2) - set real, effective and saved user or group ID
setresuid(2) - set real, effective and saved user or group ID
setresuid32(2) - set real, effective and saved user or group ID
setreuid(2) - set real and/or effective user or group ID
setreuid32(2) - set real and/or effective user or group ID
setrlimit(2) - get/set resource limits
set_robust_list(2) - get/set list of robust futexes
setsid(2) - creates a session and sets the process group ID
setsockopt(2) - get and set options on sockets
set_thread_area(2) - manipulate thread-local storage information
set_tid_address(2) - set pointer to thread ID
settimeofday(2) - get / set time
setuid(2) - set user identity
setuid32(2) - set user identity
setup(2) - setup devices and filesystems, mount root filesystem
setxattr(2) - set an extended attribute value
sgetmask(2) - manipulation of signal mask (obsolete)
shmat(2) - System V shared memory operations
shmctl(2) - System V shared memory control
shmdt(2) - System V shared memory operations
shmget(2) - allocates a System V shared memory segment
shmop(2) - System V shared memory operations
shutdown(2) - shut down part of a full-duplex connection
sigaction(2) - examine and change a signal action
sigaltstack(2) - set and/or get signal stack context
signal(2) - ANSI C signal handling

signalfd(2) - create a file descriptor for accepting signals
signalfd4(2) - create a file descriptor for accepting signals
sigpending(2) - examine pending signals
sigprocmask(2) - examine and change blocked signals
sigqueue(2) - queue a signal and data to a process
sigreturn(2) - return from signal handler and cleanup stack frame
sigsuspend(2) - wait for a signal
sigtimedwait(2) - synchronously wait for queued signals
sigwaitinfo(2) - synchronously wait for queued signals
socket(2) - create an endpoint for communication
socketcall(2) - socket system calls
socketpair(2) - create a pair of connected sockets
splice(2) - splice data to/from a pipe
spu_create(2) - create a new spu context
spu_run(2) - execute an SPU context
ssetmask(2) - manipulation of signal mask (obsolete)
stat(2) - get file status
stat64(2) - get file status
statfs(2) - get filesystem statistics
statfs64(2) - get filesystem statistics
statvfs(2) - get filesystem statistics
statx(2) - get file status (extended)
stime(2) - set time
stty(2) - unimplemented system calls
subpage_prot(2) - define a subpage protection for an address range
swapoff(2) - start/stop swapping to file/device
swapon(2) - start/stop swapping to file/device
symlink(2) - make a new name for a file
symlinkat(2) - make a new name for a file
sync(2) - commit filesystem caches to disk
sync_file_range(2) - sync a file segment with disk
sync_file_range2(2) - sync a file segment with disk
syncfs(2) - commit filesystem caches to disk
syscall(2) - indirect system call
_syscall(2) - invoking a system call without library support (OBSOLETE)
syscalls(2) - Linux system calls
sysctl(2) - read/write system parameters
_sysctl(2) - read/write system parameters
sysfs(2) - get filesystem type information
sysinfo(2) - return system information
syslog(2) - read and/or clear kernel message ring buffer; set console_loglevel
tee(2) - duplicating pipe content
tgkill(2) - send a signal to a thread
time(2) - get time in seconds
timer_create(2) - create a POSIX per-process timer
timer_delete(2) - delete a POSIX per-process timer
timerfd_create(2) - timers that notify via file descriptors
timerfd_gettime(2) - timers that notify via file descriptors
timerfd_settime(2) - timers that notify via file descriptors
timer_getoverrun(2) - get overrun count for a POSIX per-process timer
timer_gettime(2) - arm/disarm and fetch state of POSIX per-process timer
timer_settime(2) - arm/disarm and fetch state of POSIX per-process timer
times(2) - get process times
tkill(2) - send a signal to a thread
truncate(2) - truncate a file to a specified length
truncate64(2) - truncate a file to a specified length
tuxcall(2) - unimplemented system calls
ugetrlimit(2) - get/set resource limits
umask(2) - set file mode creation mask
umount(2) - unmount filesystem
umount2(2) - unmount filesystem
uname(2) - get name and information about current kernel
unimplemented(2) - unimplemented system calls
unlink(2) - delete a name and possibly the file it refers to
unlinkat(2) - delete a name and possibly the file it refers to
unshare(2) - disassociate parts of the process execution context
uselib(2) - load shared library
userfaultfd(2) - create a file descriptor for handling page faults in user space
ustat(2) - get filesystem statistics
utime(2) - change file last access and modification times
utimensat(2) - change file timestamps with nanosecond precision
utimes(2) - change file last access and modification times
vfork(2) - create a child process and block parent
vhangup(2) - virtually hangup the current terminal
vm86(2) - enter virtual 8086 mode
vm86old(2) - enter virtual 8086 mode
vmsplice(2) - splice user pages to/from a pipe

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vserver(2) - unimplemented system calls
wait(2) - wait for process to change state
wait3(2) - wait for process to change state, BSD style
wait4(2) - wait for process to change state, BSD style
waitid(2) - wait for process to change state
waitpid(2) - wait for process to change state
write(2) - write to a file descriptor
writev(2) - read or write data into multiple buffers

a64l(3) - convert between long and base-64
abort(3) - cause abnormal process termination
abs(3) - compute the absolute value of an integer
acos(3) - arc cosine function
acosf(3) - arc cosine function
acosh(3) - inverse hyperbolic cosine function
acoshf(3) - inverse hyperbolic cosine function
acoshl(3) - inverse hyperbolic cosine function
acosl(3) - arc cosine function
addmntent(3) - get filesystem descriptor file entry
addseverity(3) - introduce new severity classes
adjtime(3) - correct the time to synchronize the system clock
__after_morecore_hook(3) - malloc debugging variables
aio_cancel(3) - cancel an outstanding asynchronous I/O request
aio_error(3) - get error status of asynchronous I/O operation
aio_fsync(3) - asynchronous file synchronization
aio_init(3) - asynchronous I/O initialization
aio_read(3) - asynchronous read
aio_return(3) - get return status of asynchronous I/O operation
aio_suspend(3) - wait for asynchronous I/O operation or timeout
aio_write(3) - asynchronous write
aligned_alloc(3) - allocate aligned memory
alloca(3) - allocate memory that is automatically freed
alphasort(3) - scan a directory for matching entries
argz(3) - functions to handle an argz list
argz_add(3) - functions to handle an argz list
argz_add_sep(3) - functions to handle an argz list
argz_append(3) - functions to handle an argz list
argz_count(3) - functions to handle an argz list
argz_create(3) - functions to handle an argz list
argz_create_sep(3) - functions to handle an argz list
argz_delete(3) - functions to handle an argz list
argz_extract(3) - functions to handle an argz list
argz_insert(3) - functions to handle an argz list
argz_next(3) - functions to handle an argz list
argz_replace(3) - functions to handle an argz list
argz_stringify(3) - functions to handle an argz list
asctime(3) - transform date and time to broken-down time or ASCII
asctime_r(3) - transform date and time to broken-down time or ASCII
asin(3) - arc sine function
asinf(3) - arc sine function
asinh(3) - inverse hyperbolic sine function
asinhf(3) - inverse hyperbolic sine function
asinh1(3) - inverse hyperbolic sine function
asinl(3) - arc sine function
asprintf(3) - print to allocated string
assert(3) - abort the program if assertion is false
assert_perror(3) - test errno and abort
atan2(3) - arc tangent function of two variables
atan2f(3) - arc tangent function of two variables
atan2l(3) - arc tangent function of two variables
atan(3) - arc tangent function
atanf(3) - arc tangent function
atanh(3) - inverse hyperbolic tangent function
atanhf(3) - inverse hyperbolic tangent function
atanhl(3) - inverse hyperbolic tangent function
atanl(3) - arc tangent function
atexit(3) - register a function to be called at normal process termination
atof(3) - convert a string to a double
atoi(3) - convert a string to an integer
atol(3) - convert a string to an integer
atoll(3) - convert a string to an integer
atoq(3) - convert a string to an integer
auth_destroy(3) - library routines for remote procedure calls
authnone_create(3) - library routines for remote procedure calls
authunix_create(3) - library routines for remote procedure calls
authunix_create_default(3) - library routines for remote procedure calls
backtrace(3) - support for application self-debugging

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`backtrace_symbols(3)` - support for application self-debugging
`backtrace_symbols_fd(3)` - support for application self-debugging
`basename(3)` - parse pathname components
`bcmp(3)` - compare byte sequences
`bcopy(3)` - copy byte sequence
`be16toh(3)` - convert values between host and big-/little-endian byte order
`be32toh(3)` - convert values between host and big-/little-endian byte order
`be64toh(3)` - convert values between host and big-/little-endian byte order
`bindresvport(3)` - bind a socket to a privileged IP port
`bsd_signal(3)` - signal handling with BSD semantics
`bsearch(3)` - binary search of a sorted array
`bstring(3)` - byte string operations
`bswap_16(3)` - reverse order of bytes
`bswap(3)` - reverse order of bytes
`bswap_32(3)` - reverse order of bytes
`bswap_64(3)` - reverse order of bytes
`btowc(3)` - convert single byte to wide character
`btree(3)` - btree database access method
`byteorder(3)` - convert values between host and network byte order
`bzero(3)` - zero a byte string
`cabs(3)` - absolute value of a complex number
`cabsf(3)` - absolute value of a complex number
`cabsl(3)` - absolute value of a complex number
`cacos(3)` - complex arc cosine
`cacosf(3)` - complex arc cosine
`cacosh(3)` - complex arc hyperbolic cosine
`cacoshf(3)` - complex arc hyperbolic cosine
`cacoshl(3)` - complex arc hyperbolic cosine
`cacosl(3)` - complex arc cosine
`calloc(3)` - allocate and free dynamic memory
`callrpc(3)` - library routines for remote procedure calls
`canonicalize_file_name(3)` - return the canonicalized absolute pathname
`carg(3)` - calculate the complex argument
`cargf(3)` - calculate the complex argument
`cargl(3)` - calculate the complex argument
`casin(3)` - complex arc sine
`casinf(3)` - complex arc sine
`casinh(3)` - complex arc sine hyperbolic
`casinhf(3)` - complex arc sine hyperbolic
`casinhl(3)` - complex arc sine hyperbolic
`casinl(3)` - complex arc sine
`catan(3)` - complex arc tangents
`catanf(3)` - complex arc tangents
`catanh(3)` - complex arc tangents hyperbolic
`catanhf(3)` - complex arc tangents hyperbolic
`catanhl(3)` - complex arc tangents hyperbolic
`catanl(3)` - complex arc tangents
`catclose(3)` - open/close a message catalog
`catgets(3)` - get message from a message catalog
`catopen(3)` - open/close a message catalog
`cbc_crypt(3)` - fast DES encryption
`cbirt(3)` - cube root function
`cbirtf(3)` - cube root function
`cbirtl(3)` - cube root function
`ccos(3)` - complex cosine function
`ccosf(3)` - complex cosine function
`ccosh(3)` - complex hyperbolic cosine
`ccoshf(3)` - complex hyperbolic cosine
`ccoshl(3)` - complex hyperbolic cosine
`ccosl(3)` - complex cosine function
`ceil(3)` - ceiling function: smallest integral value not less than argument
`ceilf(3)` - ceiling function: smallest integral value not less than argument
`ceil(3)` - ceiling function: smallest integral value not less than argument
`cexp2(3)` - base-2 exponent of a complex number
`cexp2f(3)` - base-2 exponent of a complex number
`cexp2l(3)` - base-2 exponent of a complex number
`cexp(3)` - complex exponential function
`cexpf(3)` - complex exponential function
`cexpl(3)` - complex exponential function
`cfgetispeed(3)` - get and set terminal attributes, line control, get and set baud rate
`cfgetospeed(3)` - get and set terminal attributes, line control, get and set baud rate
`cfmakeraw(3)` - get and set terminal attributes, line control, get and set baud rate
`cfree(3)` - free allocated memory
`cfsetispeed(3)` - get and set terminal attributes, line control, get and set baud rate
`cfsetospeed(3)` - get and set terminal attributes, line control, get and set baud rate
`cfsetspeed(3)` - get and set terminal attributes, line control, get and set baud rate
`cimag(3)` - get imaginary part of a complex number

cimagf(3) - get imaginary part of a complex number
 cimagl(3) - get imaginary part of a complex number
 CIRCLEQ_ENTRY(3) - linked lists, singly-linked tail queues, lists and tail queues
 CIRCLEQ_HEAD(3) - linked lists, singly-linked tail queues, lists and tail queues
 CIRCLEQ_INIT(3) - linked lists, singly-linked tail queues, lists and tail queues
 CIRCLEQ_INSERT_AFTER(3) - linked lists, singly-linked tail queues, lists and tail queues
 CIRCLEQ_INSERT_BEFORE(3) - linked lists, singly-linked tail queues, lists and tail queues
 CIRCLEQ_INSERT_HEAD(3) - linked lists, singly-linked tail queues, lists and tail queues
 CIRCLEQ_INSERT_TAIL(3) - linked lists, singly-linked tail queues, lists and tail queues
 CIRCLEQ_REMOVE(3) - linked lists, singly-linked tail queues, lists and tail queues
 clearenv(3) - clear the environment
 clearerr(3) - check and reset stream status
 clearerr_unlocked(3) - nonlocking stdio functions
 clnt_broadcast(3) - library routines for remote procedure calls
 clnt_call(3) - library routines for remote procedure calls
 clnt_control(3) - library routines for remote procedure calls
 clnt_create(3) - library routines for remote procedure calls
 clnt_destroy(3) - library routines for remote procedure calls
 clnt_freeres(3) - library routines for remote procedure calls
 clnt_geterr(3) - library routines for remote procedure calls
 clnt_pcreateerror(3) - library routines for remote procedure calls
 clnt_perrno(3) - library routines for remote procedure calls
 clnt_perror(3) - library routines for remote procedure calls
 clntraw_create(3) - library routines for remote procedure calls
 clnt_screateerror(3) - library routines for remote procedure calls
 clnt_sperrno(3) - library routines for remote procedure calls
 clnt_sperror(3) - library routines for remote procedure calls
 clnttcp_create(3) - library routines for remote procedure calls
 clntudp_bufcreate(3) - library routines for remote procedure calls
 clntudp_create(3) - library routines for remote procedure calls
 clock(3) - determine processor time
 clock_getcpuclockid(3) - obtain ID of a process CPU-time clock
 clock_getres(3) - clock and time functions
 clock_gettime(3) - clock and time functions
 clock_settime(3) - clock and time functions
 clog10(3) - base-10 logarithm of a complex number
 clog10f(3) - base-10 logarithm of a complex number
 clog10l(3) - base-10 logarithm of a complex number
 clog2(3) - base-2 logarithm of a complex number
 clog2f(3) - base-2 logarithm of a complex number
 clog2l(3) - base-2 logarithm of a complex number
 clog(3) - natural logarithm of a complex number
 clogf(3) - natural logarithm of a complex number
 clogl(3) - natural logarithm of a complex number
 closedir(3) - close a directory
 closelog(3) - send messages to the system logger
 cmsg(3) - access ancillary data
 MSG_ALIGN(3) - access ancillary data
 MSG_DATA(3) - access ancillary data
 MSG_FIRSTHDR(3) - access ancillary data
 MSG_LEN(3) - access ancillary data
 MSG_NXTHDR(3) - access ancillary data
 MSG_SPACE(3) - access ancillary data
 confstr(3) - get configuration dependent string variables
 conj(3) - calculate the complex conjugate
 conjf(3) - calculate the complex conjugate
 conjl(3) - calculate the complex conjugate
 copysign(3) - copy sign of a number
 copysignf(3) - copy sign of a number
 copysignl(3) - copy sign of a number
 cos(3) - cosine function
 cosf(3) - cosine function
 cosh(3) - hyperbolic cosine function
 coshf(3) - hyperbolic cosine function
 coshl(3) - hyperbolic cosine function
 cosl(3) - cosine function
 cpow(3) - complex power function
 cpowf(3) - complex power function
 cpowl(3) - complex power function
 cproj(3) - project into Riemann Sphere
 cprojf(3) - project into Riemann Sphere
 cprojl(3) - project into Riemann Sphere
 CPU_ALLOC(3) - macros for manipulating CPU sets
 CPU_ALLOC_SIZE(3) - macros for manipulating CPU sets
 CPU_AND(3) - macros for manipulating CPU sets
 CPU_AND_S(3) - macros for manipulating CPU sets
 CPU_CLR(3) - macros for manipulating CPU sets

CPU_CLR_S(3) - macros for manipulating CPU sets
CPU_COUNT(3) - macros for manipulating CPU sets
CPU_COUNT_S(3) - macros for manipulating CPU sets
CPU_EQUAL(3) - macros for manipulating CPU sets
CPU_EQUAL_S(3) - macros for manipulating CPU sets
CPU_FREE(3) - macros for manipulating CPU sets
CPU_ISSET(3) - macros for manipulating CPU sets
CPU_ISSET_S(3) - macros for manipulating CPU sets
CPU_OR(3) - macros for manipulating CPU sets
CPU_OR_S(3) - macros for manipulating CPU sets
CPU_SET(3) - macros for manipulating CPU sets
CPU_SET_S(3) - macros for manipulating CPU sets
CPU_XOR(3) - macros for manipulating CPU sets
CPU_XOR_S(3) - macros for manipulating CPU sets
CPU_ZERO(3) - macros for manipulating CPU sets
CPU_ZERO_S(3) - macros for manipulating CPU sets
creal(3) - get real part of a complex number
crealf(3) - get real part of a complex number
creall(3) - get real part of a complex number
crypt(3) - password and data encryption
crypt_r(3) - password and data encryption
csin(3) - complex sine function
csinf(3) - complex sine function
csinh(3) - complex hyperbolic sine
csinhf(3) - complex hyperbolic sine
csinhl(3) - complex hyperbolic sine
csinl(3) - complex sine function
csqrt(3) - complex square root
csqrtf(3) - complex square root
csqrtl(3) - complex square root
ctan(3) - complex tangent function
ctanf(3) - complex tangent function
ctanh(3) - complex hyperbolic tangent
ctanhf(3) - complex hyperbolic tangent
ctanhhl(3) - complex hyperbolic tangent
ctanl(3) - complex tangent function
ctermid(3) - get controlling terminal name
ctime(3) - transform date and time to broken-down time or ASCII
ctime_r(3) - transform date and time to broken-down time or ASCII
cuserid(3) - get username
daemon(3) - run in the background
daylight(3) - initialize time conversion information
db(3) - database access methods
dbopen(3) - database access methods
des_crypt(3) - fast DES encryption
DES_FAILED(3) - fast DES encryption
des_setparity(3) - fast DES encryption
difftime(3) - calculate time difference
dirfd(3) - get directory stream file descriptor
dirname(3) - parse pathname components
div(3) - compute quotient and remainder of an integer division
dladdr1(3) - translate address to symbolic information
dladdr(3) - translate address to symbolic information
dlclose(3) - open and close a shared object
dlerror(3) - obtain error diagnostic for functions in the dlopen API
dlinfo(3) - obtain information about a dynamically loaded object
dl_iterate_phdr(3) - walk through list of shared objects
dlmopen(3) - open and close a shared object
dlopen(3) - open and close a shared object
dlsym(3) - obtain address of a symbol in a shared object or executable
dlvsym(3) - obtain address of a symbol in a shared object or executable
dn_comp(3) - resolver routines
dn_expand(3) - resolver routines
dprintf(3) - formatted output conversion
drand48(3) - generate uniformly distributed pseudo-random numbers
drand48_r(3) - generate uniformly distributed pseudo-random numbers reentrantly
drem(3) - floating-point remainder function
dremf(3) - floating-point remainder function
dreml(3) - floating-point remainder function
duplocale(3) - duplicate a locale object
dysize(3) - get number of days for a given year
eaccess(3) - check effective user's permissions for a file
ecb_crypt(3) - fast DES encryption
ecvt(3) - convert a floating-point number to a string
ecvt_r(3) - convert a floating-point number to a string
edata(3) - end of program segments
encrypt(3) - encrypt 64-bit messages

encrypt_r(3) - encrypt 64-bit messages
end(3) - end of program segments
endaliasent(3) - read an alias entry
endfsent(3) - handle fstab entries
endgrent(3) - get group file entry
endhostent(3) - get network host entry
endian(3) - convert values between host and big-/little-endian byte order
endmntent(3) - get filesystem descriptor file entry
endnetent(3) - get network entry
endnetgrent(3) - handle network group entries
endprotoent(3) - get protocol entry
endpwent(3) - get password file entry
endrpcent(3) - get RPC entry
endservent(3) - get service entry
endspent(3) - get shadow password file entry
endttyent(3) - get ttys file entry
endusershell(3) - get permitted user shells
endutent(3) - access utmp file entries
endutxent(3) - access utmp file entries
envz(3) - environment string support
envz_add(3) - environment string support
envz_entry(3) - environment string support
envz_get(3) - environment string support
envz_merge(3) - environment string support
envz_remove(3) - environment string support
envz_strip(3) - environment string support
erand48(3) - generate uniformly distributed pseudo-random numbers
erand48_r(3) - generate uniformly distributed pseudo-random numbers reentrantly
erf(3) - error function
erfc(3) - complementary error function
erfcf(3) - complementary error function
erfcl(3) - complementary error function
erff(3) - error function
erfl(3) - error function
err(3) - formatted error messages
errno(3) - number of last error
error(3) - glibc error reporting functions
error_at_line(3) - glibc error reporting functions
error_message_count(3) - glibc error reporting functions
error_one_per_line(3) - glibc error reporting functions
error_print_progname(3) - glibc error reporting functions
errx(3) - formatted error messages
etext(3) - end of program segments
ether_aton(3) - Ethernet address manipulation routines
ether_aton_r(3) - Ethernet address manipulation routines
ether_hostton(3) - Ethernet address manipulation routines
ether_line(3) - Ethernet address manipulation routines
ether_ntoa(3) - Ethernet address manipulation routines
ether_ntoa_r(3) - Ethernet address manipulation routines
ether_ntohost(3) - Ethernet address manipulation routines
euidaccess(3) - check effective user's permissions for a file
eventfd_read(3) - create a file descriptor for event notification
eventfd_write(3) - create a file descriptor for event notification
exec(3) - execute a file
execl(3) - execute a file
execle(3) - execute a file
execlp(3) - execute a file
execv(3) - execute a file
execvp(3) - execute a file
execvpe(3) - execute a file
exit(3) - cause normal process termination
exp10(3) - base-10 exponential function
exp10f(3) - base-10 exponential function
exp10l(3) - base-10 exponential function
exp2(3) - base-2 exponential function
exp2f(3) - base-2 exponential function
exp2l(3) - base-2 exponential function
exp(3) - base-e exponential function
expf(3) - base-e exponential function
expl(3) - base-e exponential function
explicit_bzero(3) - zero a byte string
expm1(3) - exponential minus 1
expm1f(3) - exponential minus 1
expm1l(3) - exponential minus 1
fabs(3) - absolute value of floating-point number
fabsf(3) - absolute value of floating-point number
fabsl(3) - absolute value of floating-point number

`__fbufsize(3)` - interfaces to stdio FILE structure
`fclose(3)` - close a stream
`fcloseall(3)` - close all open streams
`fcvt(3)` - convert a floating-point number to a string
`fcvt_r(3)` - convert a floating-point number to a string
`FD_CLR(3)` - synchronous I/O multiplexing
`fdim(3)` - positive difference
`fdimf(3)` - positive difference
`fdiml(3)` - positive difference
`FD_ISSET(3)` - synchronous I/O multiplexing
`fdopen(3)` - stream open functions
`fdopendir(3)` - open a directory
`FD_SET(3)` - synchronous I/O multiplexing
`FD_ZERO(3)` - synchronous I/O multiplexing
`feclearexcept(3)` - floating-point rounding and exception handling
`fedisableexcept(3)` - floating-point rounding and exception handling
`feenableexcept(3)` - floating-point rounding and exception handling
`fegetenv(3)` - floating-point rounding and exception handling
`fegetexcept(3)` - floating-point rounding and exception handling
`fegetexceptflag(3)` - floating-point rounding and exception handling
`fegetround(3)` - floating-point rounding and exception handling
`fehldexcept(3)` - floating-point rounding and exception handling
`fenv(3)` - floating-point rounding and exception handling
`feof(3)` - check and reset stream status
`feof_unlocked(3)` - nonlocking stdio functions
`feraiseexcept(3)` - floating-point rounding and exception handling
`ferror(3)` - check and reset stream status
`ferror_unlocked(3)` - nonlocking stdio functions
`fesetenv(3)` - floating-point rounding and exception handling
`fesetexceptflag(3)` - floating-point rounding and exception handling
`fesetround(3)` - floating-point rounding and exception handling
`fetestexcept(3)` - floating-point rounding and exception handling
`feupdateenv(3)` - floating-point rounding and exception handling
`fexecve(3)` - execute program specified via file descriptor
`fflush(3)` - flush a stream
`fflush_unlocked(3)` - nonlocking stdio functions
`ffs(3)` - find first bit set in a word
`ffsl(3)` - find first bit set in a word
`ffsll(3)` - find first bit set in a word
`fgetc(3)` - input of characters and strings
`fgetc_unlocked(3)` - nonlocking stdio functions
`fgetgrent(3)` - get group file entry
`fgetgrent_r(3)` - get group file entry reentrantly
`fgetpos(3)` - reposition a stream
`fgetpwent(3)` - get password file entry
`fgetpwent_r(3)` - get passwd file entry reentrantly
`fgets(3)` - input of characters and strings
`fgetspent(3)` - get shadow password file entry
`fgetspent_r(3)` - get shadow password file entry
`fgets_unlocked(3)` - nonlocking stdio functions
`fgetwc(3)` - read a wide character from a FILE stream
`fgetwc_unlocked(3)` - nonlocking stdio functions
`fgetws(3)` - read a wide-character string from a FILE stream
`fgetws_unlocked(3)` - nonlocking stdio functions
`fileno(3)` - check and reset stream status
`fileno_unlocked(3)` - nonlocking stdio functions
`finite(3)` - BSD floating-point classification functions
`finitef(3)` - BSD floating-point classification functions
`finitel(3)` - BSD floating-point classification functions
`__flbf(3)` - interfaces to stdio FILE structure
`flockfile(3)` - lock FILE for stdio
`floor(3)` - largest integral value not greater than argument
`floorf(3)` - largest integral value not greater than argument
`floorl(3)` - largest integral value not greater than argument
`_flushlbf(3)` - interfaces to stdio FILE structure
`fma(3)` - floating-point multiply and add
`fmaf(3)` - floating-point multiply and add
`fmal(3)` - floating-point multiply and add
`fmax(3)` - determine maximum of two floating-point numbers
`fmaxf(3)` - determine maximum of two floating-point numbers
`fmaxl(3)` - determine maximum of two floating-point numbers
`fmemopen(3)` - open memory as stream
`fmin(3)` - determine minimum of two floating-point numbers
`fminf(3)` - determine minimum of two floating-point numbers
`fminl(3)` - determine minimum of two floating-point numbers
`fmod(3)` - floating-point remainder function
`fmodf(3)` - floating-point remainder function

fmodl(3) - floating-point remainder function
fmtmsg(3) - print formatted error messages
fnmatch(3) - match filename or pathname
fopen(3) - stream open functions
fopencookie(3) - opening a custom stream
forkpty(3) - terminal utility functions
fpathconf(3) - get configuration values for files
fpclassify(3) - floating-point classification macros
__fpending(3) - interfaces to stdio FILE structure
fprintf(3) - formatted output conversion
fpurge(3) - purge a stream
__fpurge(3) - purge a stream
fputc(3) - output of characters and strings
fputc_unlocked(3) - nonlocking stdio functions
fputs(3) - output of characters and strings
fputs_unlocked(3) - nonlocking stdio functions
fputwc(3) - write a wide character to a FILE stream
fputwc_unlocked(3) - nonlocking stdio functions
fputws(3) - write a wide-character string to a FILE stream
fputws_unlocked(3) - nonlocking stdio functions
fread(3) - binary stream input/output
__freadable(3) - interfaces to stdio FILE structure
__freading(3) - interfaces to stdio FILE structure
fread_unlocked(3) - nonlocking stdio functions
free(3) - allocate and free dynamic memory
freeaddrinfo(3) - network address and service translation
__free_hook(3) - malloc debugging variables
freehostent(3) - get network hostnames and addresses
freeifaddrs(3) - get interface addresses
freelocale(3) - create, modify, and free a locale object
freopen(3) - stream open functions
frexp(3) - convert floating-point number to fractional and integral components
frexpf(3) - convert floating-point number to fractional and integral components
frexpl(3) - convert floating-point number to fractional and integral components
fscanf(3) - input format conversion
fseek(3) - reposition a stream
fseeko(3) - seek to or report file position
__fsetlocking(3) - interfaces to stdio FILE structure
fsetpos(3) - reposition a stream
fstatvfs(3) - get filesystem statistics
ftell(3) - reposition a stream
ftello(3) - seek to or report file position
ftime(3) - return date and time
ftok(3) - convert a pathname and a project identifier to a System V IPC key
ftrylockfile(3) - lock FILE for stdio
fts(3) - traverse a file hierarchy
fts_children(3) - traverse a file hierarchy
fts_close(3) - traverse a file hierarchy
fts_open(3) - traverse a file hierarchy
fts_read(3) - traverse a file hierarchy
fts_set(3) - traverse a file hierarchy
ftw(3) - file tree walk
funlockfile(3) - lock FILE for stdio
futimens(3) - change file timestamps with nanosecond precision
futimes(3) - change file timestamps
fwide(3) - set and determine the orientation of a FILE stream
fwprintf(3) - formatted wide-character output conversion
__fwritable(3) - interfaces to stdio FILE structure
fwrite(3) - binary stream input/output
fwrite_unlocked(3) - nonlocking stdio functions
__fwriting(3) - interfaces to stdio FILE structure
gai_cancel(3) - asynchronous network address and service translation
gai_error(3) - asynchronous network address and service translation
gai_strerror(3) - network address and service translation
gai_suspend(3) - asynchronous network address and service translation
gamma(3) - (logarithm of the) gamma function
gammaf(3) - (logarithm of the) gamma function
gammal(3) - (logarithm of the) gamma function
gcv(3) - convert a floating-point number to a string
getaddrinfo(3) - network address and service translation
getaddrinfo_a(3) - asynchronous network address and service translation
getaliasbyname(3) - read an alias entry
getaliasbyname_r(3) - read an alias entry
getaliasent(3) - read an alias entry
getaliasent_r(3) - read an alias entry
getauxval(3) - retrieve a value from the auxiliary vector
get_avphys_pages(3) - get total and available physical page counts

getc(3) - input of characters and strings
getchar(3) - input of characters and strings
getchar_unlocked(3) - nonlocking stdio functions
getcontext(3) - get or set the user context
getc_unlocked(3) - nonlocking stdio functions
get_current_dir_name(3) - get current working directory
getcwd(3) - get current working directory
getdate(3) - convert a date-plus-time string to broken-down time
getdate_err(3) - convert a date-plus-time string to broken-down time
getdate_r(3) - convert a date-plus-time string to broken-down time
getdelim(3) - delimited string input
getdirent(3) - get directory entries in a filesystem-independent format
getdtablesize(3) - get file descriptor table size
getentropy(3) - fill a buffer with random bytes
getenv(3) - get an environment variable
getfsent(3) - handle fstab entries
getfsfile(3) - handle fstab entries
getfsspec(3) - handle fstab entries
getgrent(3) - get group file entry
getgrent_r(3) - get group file entry reentrantly
getgrgid(3) - get group file entry
getgrgid_r(3) - get group file entry
getgrnam(3) - get group file entry
getgrnam_r(3) - get group file entry
getgrouplist(3) - get list of groups to which a user belongs
gethostbyaddr(3) - get network host entry
gethostbyaddr_r(3) - get network host entry
gethostbyname(3) - get network host entry
gethostbyname2(3) - get network host entry
gethostbyname2_r(3) - get network host entry
gethostbyname(3) - get network host entry
gethostbyname_r(3) - get network host entry
gethostent(3) - get network host entry
gethostent_r(3) - get network host entry
gethostid(3) - get or set the unique identifier of the current host
getifaddrs(3) - get interface addresses
getipnodebyaddr(3) - get network hostnames and addresses
getipnodebyname(3) - get network hostnames and addresses
getline(3) - delimited string input
getloadavg(3) - get system load averages
getlogin(3) - get username
getlogin_r(3) - get username
getmntent(3) - get filesystem descriptor file entry
getmntent_r(3) - get filesystem descriptor file entry
get_myaddress(3) - library routines for remote procedure calls
getnameinfo(3) - address-to-name translation in protocol-independent manner
getnetbyaddr(3) - get network entry
getnetbyaddr_r(3) - get network entry (reentrant)
getnetbyname(3) - get network entry
getnetbyname_r(3) - get network entry (reentrant)
getnetent(3) - get network entry
getnetent_r(3) - get network entry (reentrant)
getnetgrent(3) - handle network group entries
getnetgrent_r(3) - handle network group entries
get_nprocs(3) - get number of processors
get_nprocs_conf(3) - get number of processors
getopt(3) - Parse command-line options
getopt_long(3) - Parse command-line options
getopt_long_only(3) - Parse command-line options
getpass(3) - get a password
get_phys_pages(3) - get total and available physical page counts
getprotobyname(3) - get protocol entry
getprotobyname_r(3) - get protocol entry (reentrant)
getprotobynumber(3) - get protocol entry
getprotobynumber_r(3) - get protocol entry (reentrant)
getprotoent(3) - get protocol entry
getprotoent_r(3) - get protocol entry (reentrant)
getpt(3) - open the pseudoterminal master (PTM)
getpw(3) - reconstruct password line entry
getpwent(3) - get password file entry
getpwent_r(3) - get passwd file entry reentrantly
getpwnam(3) - get password file entry
getpwnam_r(3) - get password file entry
getpwuid(3) - get password file entry
getpwuid_r(3) - get password file entry
getrpcbyname(3) - get RPC entry
getrpcbyname_r(3) - get RPC entry (reentrant)
getrpcbynumber(3) - get RPC entry

getrpcbynumber_r(3) - get RPC entry (reentrant)
getrpccent(3) - get RPC entry
getrpccent_r(3) - get RPC entry (reentrant)
getrpcport(3) - get RPC port number
gets(3) - get a string from standard input (DEPRECATED)
getservbyname(3) - get service entry
getservbyname_r(3) - get service entry (reentrant)
getservbyport(3) - get service entry
getservbyport_r(3) - get service entry (reentrant)
getservent(3) - get service entry
getservent_r(3) - get service entry (reentrant)
getspent(3) - get shadow password file entry
getspent_r(3) - get shadow password file entry
getspnam(3) - get shadow password file entry
getspnam_r(3) - get shadow password file entry
getsubopt(3) - parse suboption arguments from a string
getttyent(3) - get ttys file entry
getttynam(3) - get ttys file entry
getumask(3) - get file creation mask
getusershell(3) - get permitted user shells
getutent(3) - access utmp file entries
getutent_r(3) - access utmp file entries
getutid(3) - access utmp file entries
getutid_r(3) - access utmp file entries
getutline(3) - access utmp file entries
getutline_r(3) - access utmp file entries
getutmp(3) - copy utmp structure to utmpx, and vice versa
getutmpx(3) - copy utmp structure to utmpx, and vice versa
getutxent(3) - access utmp file entries
getutxid(3) - access utmp file entries
getutxline(3) - access utmp file entries
getw(3) - input and output of words (ints)
getwc(3) - read a wide character from a FILE stream
getwchar(3) - read a wide character from standard input
getwchar_unlocked(3) - nonlocking stdio functions
getwc_unlocked(3) - nonlocking stdio functions
getwd(3) - get current working directory
glob(3) - find pathnames matching a pattern, free memory from glob()
globfree(3) - find pathnames matching a pattern, free memory from glob()
gmtime(3) - transform date and time to broken-down time or ASCII
gmtime_r(3) - transform date and time to broken-down time or ASCII
gnu_dev_major(3) - manage a device number
gnu_dev_makedev(3) - manage a device number
gnu_dev_minor(3) - manage a device number
gnu_get_libc_release(3) - get glibc version and release
gnu_get_libc_version(3) - get glibc version and release
grantpt(3) - grant access to the slave pseudoterminal
group_member(3) - test whether a process is in a group
gsignal(3) - software signal facility
hash(3) - hash database access method
hasmntopt(3) - get filesystem descriptor file entry
hcreate(3) - hash table management
hcreate_r(3) - hash table management
hdestroy(3) - hash table management
hdestroy_r(3) - hash table management
h_errno(3) - get network host entry
herror(3) - get network host entry
hsearch(3) - hash table management
hsearch_r(3) - hash table management
hstrerror(3) - get network host entry
htobe16(3) - convert values between host and big-/little-endian byte order
htobe32(3) - convert values between host and big-/little-endian byte order
htobe64(3) - convert values between host and big-/little-endian byte order
htole16(3) - convert values between host and big-/little-endian byte order
htole32(3) - convert values between host and big-/little-endian byte order
htole64(3) - convert values between host and big-/little-endian byte order
htonl(3) - convert values between host and network byte order
htons(3) - convert values between host and network byte order
HUGE_VAL(3) - floating-point constants
HUGE_VALF(3) - floating-point constants
HUGE_VALL(3) - floating-point constants
hypot(3) - Euclidean distance function
hypotf(3) - Euclidean distance function
hypotl(3) - Euclidean distance function
iconv(3) - perform character set conversion
iconv_close(3) - deallocate descriptor for character set conversion
iconv_open(3) - allocate descriptor for character set conversion

if_freenameindex(3) - get network interface names and indexes
if_indextoname(3) - mappings between network interface names and indexes
if_nameindex(3) - get network interface names and indexes
if_nametoindex(3) - mappings between network interface names and indexes
ilogb(3) - get integer exponent of a floating-point value
ilogbf(3) - get integer exponent of a floating-point value
ilogbl(3) - get integer exponent of a floating-point value
imaxabs(3) - compute the absolute value of an integer
imaxdiv(3) - compute quotient and remainder of an integer division
index(3) - locate character in string
inet(3) - Internet address manipulation routines
inet_addr(3) - Internet address manipulation routines
inet_aton(3) - Internet address manipulation routines
inet_lnaof(3) - Internet address manipulation routines
inet_makeaddr(3) - Internet address manipulation routines
inet_net_ntop(3) - Internet network number conversion
inet_netof(3) - Internet address manipulation routines
inet_net_pton(3) - Internet network number conversion
inet_network(3) - Internet address manipulation routines
inet_ntoa(3) - Internet address manipulation routines
inet_ntop(3) - convert IPv4 and IPv6 addresses from binary to text form
inet_pton(3) - convert IPv4 and IPv6 addresses from text to binary form
INFINITY(3) - floating-point constants
initgroups(3) - initialize the supplementary group access list
initstate(3) - random number generator
initstate_r(3) - reentrant random number generator
innetgr(3) - handle network group entries
insque(3) - insert/remove an item from a queue
intro(3) - introduction to library functions
iruserok(3) - routines for returning a stream to a remote command
iruserok_af(3) - routines for returning a stream to a remote command
isalnum(3) - character classification functions
isalnum_l(3) - character classification functions
isalpha(3) - character classification functions
isalpha_l(3) - character classification functions
isascii(3) - character classification functions
isascii_l(3) - character classification functions
isatty(3) - test whether a file descriptor refers to a terminal
isblank(3) - character classification functions
isblank_l(3) - character classification functions
iscntrl(3) - character classification functions
iscntrl_l(3) - character classification functions
isdigit(3) - character classification functions
isdigit_l(3) - character classification functions
isfdtype(3) - test file type of a file descriptor
isfinite(3) - floating-point classification macros
isgraph(3) - character classification functions
isgraph_l(3) - character classification functions
isgreater(3) - floating-point relational tests without exception for NaN
isgreaterequal(3) - floating-point relational tests without exception for NaN
isinf(3) - floating-point classification macros
isinff(3) - BSD floating-point classification functions
isinfl(3) - BSD floating-point classification functions
isless(3) - floating-point relational tests without exception for NaN
islessequal(3) - floating-point relational tests without exception for NaN
islessgreater(3) - floating-point relational tests without exception for NaN
islower(3) - character classification functions
islower_l(3) - character classification functions
isnan(3) - floating-point classification macros
isnanf(3) - BSD floating-point classification functions
isnanl(3) - BSD floating-point classification functions
isnormal(3) - floating-point classification macros
isprint(3) - character classification functions
isprint_l(3) - character classification functions
ispunct(3) - character classification functions
ispunct_l(3) - character classification functions
isspace(3) - character classification functions
isspace_l(3) - character classification functions
isunordered(3) - floating-point relational tests without exception for NaN
isupper(3) - character classification functions
isupper_l(3) - character classification functions
iswalnum(3) - test for alphanumeric wide character
iswalpha(3) - test for alphabetic wide character
iswblank(3) - test for whitespace wide character
iswcntrl(3) - test for control wide character
iswctype(3) - wide-character classification
iswdigit(3) - test for decimal digit wide character

iswgraph(3) - test for graphic wide character
iswlower(3) - test for lowercase wide character
iswprint(3) - test for printing wide character
iswpunct(3) - test for punctuation or symbolic wide character
iswspace(3) - test for whitespace wide character
iswupper(3) - test for uppercase wide character
iswxdigit(3) - test for hexadecimal digit wide character
isxdigit(3) - character classification functions
isxdigit_l(3) - character classification functions
j0(3) - Bessel functions of the first kind
j0f(3) - Bessel functions of the first kind
j0l(3) - Bessel functions of the first kind
j1(3) - Bessel functions of the first kind
j1f(3) - Bessel functions of the first kind
j1l(3) - Bessel functions of the first kind
jn(3) - Bessel functions of the first kind
jnf(3) - Bessel functions of the first kind
jnl(3) - Bessel functions of the first kind
jrand48(3) - generate uniformly distributed pseudo-random numbers
jrand48_r(3) - generate uniformly distributed pseudo-random numbers reentrantly
key_decryptsession(3) - interfaces to rpc keyserver daemon
key_encryptsession(3) - interfaces to rpc keyserver daemon
key_gendes(3) - interfaces to rpc keyserver daemon
key_secretkey_is_set(3) - interfaces to rpc keyserver daemon
key_setsecret(3) - interfaces to rpc keyserver daemon
killpg(3) - send signal to a process group
klogctl(3) - read and/or clear kernel message ring buffer; set console_loglevel
l64a(3) - convert between long and base-64
labs(3) - compute the absolute value of an integer
lckpddf(3) - get shadow password file entry
lcong48(3) - generate uniformly distributed pseudo-random numbers
lcong48_r(3) - generate uniformly distributed pseudo-random numbers reentrantly
ldexp(3) - multiply floating-point number by integral power of 2
ldexpf(3) - multiply floating-point number by integral power of 2
ldexpl(3) - multiply floating-point number by integral power of 2
ldiv(3) - compute quotient and remainder of an integer division
le16toh(3) - convert values between host and big-/little-endian byte order
le32toh(3) - convert values between host and big-/little-endian byte order
le64toh(3) - convert values between host and big-/little-endian byte order
lfind(3) - linear search of an array
lgamma(3) - log gamma function
lgammaf(3) - log gamma function
lgammaf_r(3) - log gamma function
lgammal(3) - log gamma function
lgammal_r(3) - log gamma function
lgamma_r(3) - log gamma function
lio_listio(3) - initiate a list of I/O requests
LIST_EMPTY(3) - linked lists, singly-linked tail queues, lists and tail queues
LIST_ENTRY(3) - linked lists, singly-linked tail queues, lists and tail queues
LIST_FIRST(3) - linked lists, singly-linked tail queues, lists and tail queues
LIST_FOREACH(3) - linked lists, singly-linked tail queues, lists and tail queues
LIST_HEAD(3) - linked lists, singly-linked tail queues, lists and tail queues
LIST_HEAD_INITIALIZER(3) - linked lists, singly-linked tail queues, lists and tail queues
LIST_INIT(3) - linked lists, singly-linked tail queues, lists and tail queues
LIST_INSERT_AFTER(3) - linked lists, singly-linked tail queues, lists and tail queues
LIST_INSERT_BEFORE(3) - linked lists, singly-linked tail queues, lists and tail queues
LIST_INSERT_HEAD(3) - linked lists, singly-linked tail queues, lists and tail queues
LIST_NEXT(3) - linked lists, singly-linked tail queues, lists and tail queues
LIST_REMOVE(3) - linked lists, singly-linked tail queues, lists and tail queues
llabs(3) - compute the absolute value of an integer
lldiv(3) - compute quotient and remainder of an integer division
llrint(3) - round to nearest integer
llrintf(3) - round to nearest integer
llrintl(3) - round to nearest integer
llround(3) - round to nearest integer
llroundf(3) - round to nearest integer
llroundl(3) - round to nearest integer
localeconv(3) - get numeric formatting information
localtime(3) - transform date and time to broken-down time or ASCII
localtime_r(3) - transform date and time to broken-down time or ASCII
lockf(3) - apply, test or remove a POSIX lock on an open file
log10(3) - base-10 logarithmic function
log10f(3) - base-10 logarithmic function
log10l(3) - base-10 logarithmic function
log1p(3) - logarithm of 1 plus argument
log1pf(3) - logarithm of 1 plus argument
log1pl(3) - logarithm of 1 plus argument

log2(3) - base-2 logarithmic function
log2f(3) - base-2 logarithmic function
log2l(3) - base-2 logarithmic function
log(3) - natural logarithmic function
logb(3) - get exponent of a floating-point value
logbf(3) - get exponent of a floating-point value
logbl(3) - get exponent of a floating-point value
logf(3) - natural logarithmic function
login(3) - write utmp and wtmp entries
login_tty(3) - terminal utility functions
logl(3) - natural logarithmic function
logout(3) - write utmp and wtmp entries
logwtmp(3) - append an entry to the wtmp file
longjmp(3) - performing a nonlocal goto
lrand48(3) - generate uniformly distributed pseudo-random numbers
lrand48_r(3) - generate uniformly distributed pseudo-random numbers reentrantly
lrint(3) - round to nearest integer
lrintf(3) - round to nearest integer
lrintl(3) - round to nearest integer
lround(3) - round to nearest integer
lroundf(3) - round to nearest integer
lroundl(3) - round to nearest integer
lsearch(3) - linear search of an array
lseek64(3) - reposition 64-bit read/write file offset
lutimes(3) - change file timestamps
major(3) - manage a device number
makecontext(3) - manipulate user context
makedev(3) - manage a device number
mallinfo(3) - obtain memory allocation information
malloc(3) - allocate and free dynamic memory
malloc_get_state(3) - record and restore state of malloc implementation
malloc_hook(3) - malloc debugging variables
__malloc_hook(3) - malloc debugging variables
malloc_info(3) - export malloc state to a stream
__malloc_initialize_hook(3) - malloc debugging variables
malloc_set_state(3) - record and restore state of malloc implementation
malloc_stats(3) - print memory allocation statistics
malloc_trim(3) - release free memory from the heap
malloc_usable_size(3) - obtain size of block of memory allocated from heap
mallopt(3) - set memory allocation parameters
matherr(3) - SVID math library exception handling
MB_CUR_MAX(3) - maximum length of a multibyte character in the current locale
mblen(3) - determine number of bytes in next multibyte character
MB_LEN_MAX(3) - maximum multibyte length of a character across all locales
mbrlen(3) - determine number of bytes in next multibyte character
mbrtowc(3) - convert a multibyte sequence to a wide character
mbsinit(3) - test for initial shift state
mbsnrtowcs(3) - convert a multibyte string to a wide-character string
mbsrtowcs(3) - convert a multibyte string to a wide-character string
mbstowcs(3) - convert a multibyte string to a wide-character string
mbtowc(3) - convert a multibyte sequence to a wide character
mcheck(3) - heap consistency checking
mcheck_check_all(3) - heap consistency checking
mcheck_pedantic(3) - heap consistency checking
memalign(3) - allocate aligned memory
__memalign_hook(3) - malloc debugging variables
memcpy(3) - copy memory area
memchr(3) - scan memory for a character
memcmp(3) - compare memory areas
memcpy(3) - copy memory area
memfrob(3) - frobnicate (encrypt) a memory area
memmem(3) - locate a substring
memmove(3) - copy memory area
memcpy(3) - copy memory area
memrchr(3) - scan memory for a character
memset(3) - fill memory with a constant byte
minor(3) - manage a device number
mkdtemp(3) - create a unique temporary directory
mkfifo(3) - make a FIFO special file (a named pipe)
mkfifoat(3) - make a FIFO special file (a named pipe)
mkostemp(3) - create a unique temporary file
mkostemps(3) - create a unique temporary file
mkstemp(3) - create a unique temporary file
mkstemps(3) - create a unique temporary file
mktemp(3) - make a unique temporary filename
mktime(3) - transform date and time to broken-down time or ASCII
mmap64(3) - map or unmap files or devices into memory

modf(3) - extract signed integral and fractional values from floating-point number
modff(3) - extract signed integral and fractional values from floating-point number
modfl(3) - extract signed integral and fractional values from floating-point number
mpool(3) - shared memory buffer pool
mprobe(3) - heap consistency checking
mq_close(3) - close a message queue descriptor
mq_getattr(3) - get/set message queue attributes
mq_notify(3) - register for notification when a message is available
mq_open(3) - open a message queue
mq_receive(3) - receive a message from a message queue
mq_send(3) - send a message to a message queue
mq_setattr(3) - get/set message queue attributes
mq_timedreceive(3) - receive a message from a message queue
mq_timedsend(3) - send a message to a message queue
mq_unlink(3) - remove a message queue
mrnd48(3) - generate uniformly distributed pseudo-random numbers
mrnd48_r(3) - generate uniformly distributed pseudo-random numbers reentrantly
mtrace(3) - malloc tracing
muntrace(3) - malloc tracing
nan(3) - return 'Not a Number'
NAN(3) - floating-point constants
nanf(3) - return 'Not a Number'
nanl(3) - return 'Not a Number'
nearbyint(3) - round to nearest integer
nearbyintf(3) - round to nearest integer
nearbyintl(3) - round to nearest integer
netlink(3) - Netlink macros
newlocale(3) - create, modify, and free a locale object
nextafter(3) - floating-point number manipulation
nextafterf(3) - floating-point number manipulation
nextafterl(3) - floating-point number manipulation
nextdown(3) - return next floating-point number toward positive/negative infinity
nextdownf(3) - return next floating-point number toward positive/negative infinity
nextdownl(3) - return next floating-point number toward positive/negative infinity
nexttoward(3) - floating-point number manipulation
nexttowardf(3) - floating-point number manipulation
nexttowardl(3) - floating-point number manipulation
nextup(3) - return next floating-point number toward positive/negative infinity
nextupf(3) - return next floating-point number toward positive/negative infinity
nextupl(3) - return next floating-point number toward positive/negative infinity
nftw(3) - file tree walk
nl_langinfo(3) - query language and locale information
nl_langinfo_l(3) - query language and locale information
nrnd48(3) - generate uniformly distributed pseudo-random numbers
nrnd48_r(3) - generate uniformly distributed pseudo-random numbers reentrantly
ntohl(3) - convert values between host and network byte order
ntohs(3) - convert values between host and network byte order
ntp_adjtime(3) - tune kernel clock
ntp_gettime(3) - get time parameters (NTP daemon interface)
ntp_gettimex(3) - get time parameters (NTP daemon interface)
offsetof(3) - offset of a structure member
on_exit(3) - register a function to be called at normal process termination
opendir(3) - open a directory
openlog(3) - send messages to the system logger
open_memstream(3) - open a dynamic memory buffer stream
openpty(3) - terminal utility functions
open_wmemstream(3) - open a dynamic memory buffer stream
optarg(3) - Parse command-line options
opterr(3) - Parse command-line options
optind(3) - Parse command-line options
optopt(3) - Parse command-line options
passwd2des(3) - RFS password encryption
pathconf(3) - get configuration values for files
pclose(3) - pipe stream to or from a process
perror(3) - print a system error message
pmap_getmaps(3) - library routines for remote procedure calls
pmap_getport(3) - library routines for remote procedure calls
pmap_rmtcall(3) - library routines for remote procedure calls
pmap_set(3) - library routines for remote procedure calls
pmap_unset(3) - library routines for remote procedure calls
popen(3) - pipe stream to or from a process
posix_fallocate(3) - allocate file space
posix_madvise(3) - give advice about patterns of memory usage
posix_memalign(3) - allocate aligned memory
posix_openpt(3) - open a pseudoterminal device
posix_spawn(3) - spawn a process
posix_spawnnp(3) - spawn a process

pow10(3) - base-10 power functions
 pow10f(3) - base-10 power functions
 pow10l(3) - base-10 power functions
 pow(3) - power functions
 powf(3) - power functions
 powl(3) - power functions
 __ppc_get_timebase(3) - get the current value
 __ppc_get_timebase_freq(3) - get the current value
 __ppc_mdoio(3) - Hint the processor to release shared resources
 __ppc_mdoom(3) - Hint the processor to release shared resources
 __ppc_set_ppr_low(3) - Set the Program Priority Register
 __ppc_set_ppr_med(3) - Set the Program Priority Register
 __ppc_set_ppr_med_high(3) - Set the Program Priority Register
 __ppc_set_ppr_med_low(3) - Set the Program Priority Register
 __ppc_set_ppr_very_low(3) - Set the Program Priority Register
 __ppc_yield(3) - Hint the processor to release shared resources
 printf(3) - formatted output conversion
 profil(3) - execution time profile
 program_invocation_name(3) - obtain name used to invoke calling program
 program_invocation_short_name(3) - obtain name used to invoke calling program
 psiginfo(3) - print signal message
 psignal(3) - print signal message
 pthread_atfork(3) - register fork handlers
 pthread_attr_destroy(3) - initialize and destroy thread attributes object
 pthread_attr_getaffinity_np(3) - set/get CPU affinity attribute in thread attributes object
 pthread_attr_getdetachstate(3) - set/get detach state attribute in thread attributes object
 pthread_attr_getguardsize(3) - set/get guard size attribute in thread attributes object
 pthread_attr_getinheritsched(3) - set/get inherit-scheduler attribute in thread attributes object
 pthread_attr_getschedparam(3) - set/get scheduling parameter attributes in thread attributes object
 pthread_attr_getschedpolicy(3) - set/get scheduling policy attribute in thread attributes object
 pthread_attr_getscope(3) - set/get contention scope attribute in thread attributes object
 pthread_attr_getstack(3) - set/get stack attributes in thread attributes object
 pthread_attr_getstackaddr(3) - set/get stack address attribute in thread attributes object
 pthread_attr_getstacksize(3) - set/get stack size attribute in thread attributes object
 pthread_attr_init(3) - initialize and destroy thread attributes object
 pthread_attr_setaffinity_np(3) - set/get CPU affinity attribute in thread attributes object
 pthread_attr_setdetachstate(3) - set/get detach state attribute in thread attributes object
 pthread_attr_setguardsize(3) - set/get guard size attribute in thread attributes object
 pthread_attr_setinheritsched(3) - set/get inherit-scheduler attribute in thread attributes object
 pthread_attr_setschedparam(3) - set/get scheduling parameter attributes in thread attributes object
 pthread_attr_setschedpolicy(3) - set/get scheduling policy attribute in thread attributes object
 pthread_attr_setscope(3) - set/get contention scope attribute in thread attributes object
 pthread_attr_setstack(3) - set/get stack attributes in thread attributes object
 pthread_attr_setstackaddr(3) - set/get stack address attribute in thread attributes object
 pthread_attr_setstacksize(3) - set/get stack size attribute in thread attributes object
 pthread_cancel(3) - send a cancellation request to a thread
 pthread_cleanup_pop(3) - push and pop thread cancellation clean-up handlers
 pthread_cleanup_pop_restore_np(3) - push and pop thread cancellation clean-up handlers while saving cancelability type
 pthread_cleanup_push(3) - push and pop thread cancellation clean-up handlers
 pthread_cleanup_push_defer_np(3) - push and pop thread cancellation clean-up handlers while saving cancelability type
 pthread_create(3) - create a new thread
 pthread_detach(3) - detach a thread
 pthread_equal(3) - compare thread IDs
 pthread_exit(3) - terminate calling thread
 pthread_getaffinity_np(3) - set/get CPU affinity of a thread
 pthread_getattr_default_np(3) - get or set default thread-creation attributes
 pthread_getattr_np(3) - get attributes of created thread
 pthread_getconcurrency(3) - set/get the concurrency level
 pthread_getcpuclockid(3) - retrieve ID of a thread's CPU time clock
 pthread_getname_np(3) - set/get the name of a thread
 pthread_getschedparam(3) - set/get scheduling policy and parameters of a thread
 pthread_join(3) - join with a terminated thread
 pthread_kill(3) - send a signal to a thread
 pthread_kill_other_threads_np(3) - terminate all other threads in process
 pthread_mutexattr_destroy(3) - initialize and destroy a mutex attributes object
 pthread_mutexattr_getpshared(3) - get/set process-shared mutex attribute
 pthread_mutexattr_getrobust(3) - get and set the robustness attribute of a mutex attributes object
 pthread_mutexattr_getrobust_np(3) - get and set the robustness attribute of a mutex attributes object
 pthread_mutexattr_init(3) - initialize and destroy a mutex attributes object
 pthread_mutexattr_setpshared(3) - get/set process-shared mutex attribute
 pthread_mutexattr_setrobust(3) - get and set the robustness attribute of a mutex attributes object
 pthread_mutexattr_setrobust_np(3) - get and set the robustness attribute of a mutex attributes object
 pthread_mutex_consistent(3) - make a robust mutex consistent
 pthread_mutex_consistent_np(3) - make a robust mutex consistent
 pthread_rwlockattr_getkind_np(3) - set/get the read-write lock kind of the thread read-write lock attribute object
 pthread_rwlockattr_setkind_np(3) - set/get the read-write lock kind of the thread read-write lock attribute object
 pthread_self(3) - obtain ID of the calling thread

pthread_setaffinity_np(3) - set/get CPU affinity of a thread
pthread_setattr_default_np(3) - get or set default thread-creation attributes
pthread_setcancelstate(3) - set cancelability state and type
pthread_setcanceltype(3) - set cancelability state and type
pthread_setconcurrency(3) - set/get the concurrency level
pthread_setname_np(3) - set/get the name of a thread
pthread_setschedparam(3) - set/get scheduling policy and parameters of a thread
pthread_setschedprio(3) - set scheduling priority of a thread
pthread_sigmask(3) - examine and change mask of blocked signals
pthread_sigqueue(3) - queue a signal and data to a thread
pthread_spin_destroy(3) - initialize or destroy a spin lock
pthread_spin_init(3) - initialize or destroy a spin lock
pthread_spin_lock(3) - lock and unlock a spin lock
pthread_spin_trylock(3) - lock and unlock a spin lock
pthread_spin_unlock(3) - lock and unlock a spin lock
pthread_testcancel(3) - request delivery of any pending cancellation request
pthread_timedjoin_np(3) - try to join with a terminated thread
pthread_tryjoin_np(3) - try to join with a terminated thread
pthread_yield(3) - yield the processor
ptsname(3) - get the name of the slave pseudoterminal
ptsname_r(3) - get the name of the slave pseudoterminal
putc(3) - output of characters and strings
putchar(3) - output of characters and strings
putchar_unlocked(3) - nonlocking stdio functions
putc_unlocked(3) - nonlocking stdio functions
putenv(3) - change or add an environment variable
putgrent(3) - write a group database entry to a file
putpwent(3) - write a password file entry
puts(3) - output of characters and strings
putspent(3) - get shadow password file entry
pututline(3) - access utmp file entries
pututxline(3) - access utmp file entries
putw(3) - input and output of words (ints)
putwc(3) - write a wide character to a FILE stream
putwchar(3) - write a wide character to standard output
putwchar_unlocked(3) - nonlocking stdio functions
putwc_unlocked(3) - nonlocking stdio functions
pvalloc(3) - allocate aligned memory
qecvt(3) - convert a floating-point number to a string
qecvt_r(3) - convert a floating-point number to a string
qfcvt(3) - convert a floating-point number to a string
qfcvt_r(3) - convert a floating-point number to a string
qgcvt(3) - convert a floating-point number to a string
qsort(3) - sort an array
qsort_r(3) - sort an array
queue(3) - linked lists, singly-linked tail queues, lists and tail queues
raise(3) - send a signal to the caller
rand(3) - pseudo-random number generator
random(3) - random number generator
random_r(3) - reentrant random number generator
rand_r(3) - pseudo-random number generator
rawmemchr(3) - scan memory for a character
rcmd(3) - routines for returning a stream to a remote command
rcmd_af(3) - routines for returning a stream to a remote command
readdir(3) - read a directory
readdir_r(3) - read a directory
realloc(3) - allocate and free dynamic memory
reallocarray(3) - allocate and free dynamic memory
__realloc_hook(3) - malloc debugging variables
realpath(3) - return the canonicalized absolute pathname
recno(3) - record number database access method
re_comp(3) - BSD regex functions
re_exec(3) - BSD regex functions
regcomp(3) - POSIX regex functions
regerror(3) - POSIX regex functions
regex(3) - POSIX regex functions
regexexec(3) - POSIX regex functions
regfree(3) - POSIX regex functions
registerrpc(3) - library routines for remote procedure calls
remainder(3) - floating-point remainder function
remainderf(3) - floating-point remainder function
remainderl(3) - floating-point remainder function
remove(3) - remove a file or directory
remque(3) - insert/remove an item from a queue
remquo(3) - remainder and part of quotient
remquof(3) - remainder and part of quotient
remquol(3) - remainder and part of quotient

res_init(3) - resolver routines
res_mkquery(3) - resolver routines
res_ninit(3) - resolver routines
res_nmkquery(3) - resolver routines
res_nquery(3) - resolver routines
res_nquerydomain(3) - resolver routines
res_nsearch(3) - resolver routines
res_nsend(3) - resolver routines
resolver(3) - resolver routines
res_query(3) - resolver routines
res_querydomain(3) - resolver routines
res_search(3) - resolver routines
res_send(3) - resolver routines
rewind(3) - reposition a stream
rewinddir(3) - reset directory stream
rexec(3) - return stream to a remote command
rexec_af(3) - return stream to a remote command
rindex(3) - locate character in string
rint(3) - round to nearest integer
rintf(3) - round to nearest integer
rintl(3) - round to nearest integer
round(3) - round to nearest integer, away from zero
roundf(3) - round to nearest integer, away from zero
roundl(3) - round to nearest integer, away from zero
rpc(3) - library routines for remote procedure calls
rpmatch(3) - determine if the answer to a question is affirmative or negative
rresvport(3) - routines for returning a stream to a remote command
rresvport_af(3) - routines for returning a stream to a remote command
rtime(3) - get time from a remote machine
rtnetlink(3) - macros to manipulate rtnetlink messages
ruserok(3) - routines for returning a stream to a remote command
ruserok_af(3) - routines for returning a stream to a remote command
scalb(3) - multiply floating-point number by integral power of radix (OBSOLETE)
scalbf(3) - multiply floating-point number by integral power of radix (OBSOLETE)
scalbl(3) - multiply floating-point number by integral power of radix (OBSOLETE)
scalbln(3) - multiply floating-point number by integral power of radix
scalblnf(3) - multiply floating-point number by integral power of radix
scalblnl(3) - multiply floating-point number by integral power of radix
scalbn(3) - multiply floating-point number by integral power of radix
scalbnf(3) - multiply floating-point number by integral power of radix
scalbnl(3) - multiply floating-point number by integral power of radix
scandir(3) - scan a directory for matching entries
scandirat(3) - scan a directory for matching entries
scanf(3) - input format conversion
sched_getcpu(3) - determine CPU on which the calling thread is running
secure_getenv(3) - get an environment variable
seed48(3) - generate uniformly distributed pseudo-random numbers
seed48_r(3) - generate uniformly distributed pseudo-random numbers reentrantly
seekdir(3) - set the position of the next readdir() call in the directory stream.
sem_close(3) - close a named semaphore
sem_destroy(3) - destroy an unnamed semaphore
sem_getvalue(3) - get the value of a semaphore
sem_init(3) - initialize an unnamed semaphore
sem_open(3) - initialize and open a named semaphore
sem_post(3) - unlock a semaphore
sem_timedwait(3) - lock a semaphore
sem_trywait(3) - lock a semaphore
sem_unlink(3) - remove a named semaphore
sem_wait(3) - lock a semaphore
setaliasent(3) - read an alias entry
setbuf(3) - stream buffering operations
setbuffer(3) - stream buffering operations
setcontext(3) - get or set the user context
setenv(3) - change or add an environment variable
__setfpucw(3) - set FPU control word on i386 architecture (obsolete)
setfsent(3) - handle fstab entries
setgrent(3) - get group file entry
sethostent(3) - get network host entry
sethostid(3) - get or set the unique identifier of the current host
setjmp(3) - performing a nonlocal goto
setkey(3) - encrypt 64-bit messages
setkey_r(3) - encrypt 64-bit messages
setlinebuf(3) - stream buffering operations
setlocale(3) - set the current locale
setlogmask(3) - set log priority mask
setmntent(3) - get filesystem descriptor file entry
setnetent(3) - get network entry

setnetgrent(3) - handle network group entries
 setprotoent(3) - get protocol entry
 setpwent(3) - get password file entry
 setrpcnt(3) - get RPC entry
 setservent(3) - get service entry
 setspent(3) - get shadow password file entry
 setstate(3) - random number generator
 setstate_r(3) - reentrant random number generator
 setttyent(3) - get ttys file entry
 setusershell(3) - get permitted user shells
 setutent(3) - access utmp file entries
 setutxent(3) - access utmp file entries
 setvbuf(3) - stream buffering operations
 sgetspent(3) - get shadow password file entry
 sgetspent_r(3) - get shadow password file entry
 shm_open(3) - create/open or unlink POSIX shared memory objects
 shm_unlink(3) - create/open or unlink POSIX shared memory objects
 sigaddset(3) - POSIX signal set operations
 sigandset(3) - POSIX signal set operations
 sigblock(3) - BSD signal API
 sigdelset(3) - POSIX signal set operations
 sigemptyset(3) - POSIX signal set operations
 sigfillset(3) - POSIX signal set operations
 siggetmask(3) - BSD signal API
 sighold(3) - System V signal API
 sigignore(3) - System V signal API
 siginterrupt(3) - allow signals to interrupt system calls
 sigisemptyset(3) - POSIX signal set operations
 sigismember(3) - POSIX signal set operations
 siglongjmp(3) - performing a nonlocal goto
 sigmask(3) - BSD signal API
 signbit(3) - test sign of a real floating-point number
 signgam(3) - log gamma function
 significand(3) - get mantissa of floating-point number
 significandf(3) - get mantissa of floating-point number
 significandl(3) - get mantissa of floating-point number
 sigorset(3) - POSIX signal set operations
 sigpause(3) - atomically release blocked signals and wait for interrupt
 sigqueue(3) - queue a signal and data to a process
 sigrelse(3) - System V signal API
 sigset(3) - System V signal API
 sigsetjmp(3) - performing a nonlocal goto
 sigsetmask(3) - BSD signal API
 sigsetops(3) - POSIX signal set operations
 sigstack(3) - set and/or get signal stack context
 sigvec(3) - BSD signal API
 sigwait(3) - wait for a signal
 sin(3) - sine function
 sincos(3) - calculate sin and cos simultaneously
 sincosf(3) - calculate sin and cos simultaneously
 sincosl(3) - calculate sin and cos simultaneously
 sinf(3) - sine function
 sinh(3) - hyperbolic sine function
 sinhlf(3) - hyperbolic sine function
 sinhl(3) - hyperbolic sine function
 sinl(3) - sine function
 sleep(3) - sleep for a specified number of seconds
 SLIST_EMPTY(3) - linked lists, singly-linked tail queues, lists and tail queues
 SLIST_ENTRY(3) - linked lists, singly-linked tail queues, lists and tail queues
 SLIST_FIRST(3) - linked lists, singly-linked tail queues, lists and tail queues
 SLIST_FOREACH(3) - linked lists, singly-linked tail queues, lists and tail queues
 SLIST_HEAD(3) - linked lists, singly-linked tail queues, lists and tail queues
 SLIST_HEAD_INITIALIZER(3) - linked lists, singly-linked tail queues, lists and tail queues
 SLIST_INIT(3) - linked lists, singly-linked tail queues, lists and tail queues
 SLIST_INSERT_AFTER(3) - linked lists, singly-linked tail queues, lists and tail queues
 SLIST_INSERT_HEAD(3) - linked lists, singly-linked tail queues, lists and tail queues
 SLIST_NEXT(3) - linked lists, singly-linked tail queues, lists and tail queues
 SLIST_REMOVE(3) - linked lists, singly-linked tail queues, lists and tail queues
 SLIST_REMOVE_HEAD(3) - linked lists, singly-linked tail queues, lists and tail queues
 snprintf(3) - formatted output conversion
 socketatmark(3) - determine whether socket is at out-of-band mark
 sprintf(3) - formatted output conversion
 sqrt(3) - square root function
 sqrtf(3) - square root function
 sqrtl(3) - square root function
 srand(3) - pseudo-random number generator
 srand48(3) - generate uniformly distributed pseudo-random numbers

srand48_r(3) - generate uniformly distributed pseudo-random numbers reentrantly
srandom(3) - random number generator
srandom_r(3) - reentrant random number generator
sscanf(3) - input format conversion
ssignal(3) - software signal facility
STAILQ_CONCAT(3) - linked lists, singly-linked tail queues, lists and tail queues
STAILQ_EMPTY(3) - linked lists, singly-linked tail queues, lists and tail queues
STAILQ_ENTRY(3) - linked lists, singly-linked tail queues, lists and tail queues
STAILQ_FIRST(3) - linked lists, singly-linked tail queues, lists and tail queues
STAILQ_FOREACH(3) - linked lists, singly-linked tail queues, lists and tail queues
STAILQ_HEAD(3) - linked lists, singly-linked tail queues, lists and tail queues
STAILQ_HEAD_INITIALIZER(3) - linked lists, singly-linked tail queues, lists and tail queues
STAILQ_INIT(3) - linked lists, singly-linked tail queues, lists and tail queues
STAILQ_INSERT_AFTER(3) - linked lists, singly-linked tail queues, lists and tail queues
STAILQ_INSERT_HEAD(3) - linked lists, singly-linked tail queues, lists and tail queues
STAILQ_INSERT_TAIL(3) - linked lists, singly-linked tail queues, lists and tail queues
STAILQ_NEXT(3) - linked lists, singly-linked tail queues, lists and tail queues
STAILQ_REMOVE(3) - linked lists, singly-linked tail queues, lists and tail queues
STAILQ_REMOVE_HEAD(3) - linked lists, singly-linked tail queues, lists and tail queues
statvfs(3) - get filesystem statistics
stdarg(3) - variable argument lists
stderr(3) - standard I/O streams
stdin(3) - standard I/O streams
stdio(3) - standard input/output library functions
stdio_ext(3) - interfaces to stdio FILE structure
stdout(3) - standard I/O streams
strcpy(3) - copy a string returning a pointer to its end
strncpy(3) - copy a fixed-size string, returning a pointer to its end
strcasecmp(3) - compare two strings ignoring case
strcasestr(3) - locate a substring
strcat(3) - concatenate two strings
strchr(3) - locate character in string
strchrnul(3) - locate character in string
strcmp(3) - compare two strings
strcoll(3) - compare two strings using the current locale
strcpy(3) - copy a string
strcspn(3) - get length of a prefix substring
strdup(3) - duplicate a string
strdupa(3) - duplicate a string
strerror(3) - return string describing error number
strerror_l(3) - return string describing error number
strerror_r(3) - return string describing error number
strfmon(3) - convert monetary value to a string
strfmon_l(3) - convert monetary value to a string
strfromd(3) - convert a floating-point value into a string
strfromf(3) - convert a floating-point value into a string
strfroml(3) - convert a floating-point value into a string
strfry(3) - randomize a string
strftime(3) - format date and time
string(3) - string operations
strlen(3) - calculate the length of a string
strncasemp(3) - compare two strings ignoring case
strncat(3) - concatenate two strings
strncmp(3) - compare two strings
strncpy(3) - copy a string
strndup(3) - duplicate a string
strndupa(3) - duplicate a string
strnlen(3) - determine the length of a fixed-size string
strpbrk(3) - search a string for any of a set of bytes
strptime(3) - convert a string representation of time to a time tm structure
strrchr(3) - locate character in string
strsep(3) - extract token from string
strsignal(3) - return string describing signal
strspn(3) - get length of a prefix substring
strstr(3) - locate a substring
strtod(3) - convert ASCII string to floating-point number
strtof(3) - convert ASCII string to floating-point number
strtoimax(3) - convert string to integer
strtok(3) - extract tokens from strings
strtok_r(3) - extract tokens from strings
strtol(3) - convert a string to a long integer
strtold(3) - convert ASCII string to floating-point number
strtoll(3) - convert a string to a long integer
strtoq(3) - convert a string to a long integer
strtoul(3) - convert a string to an unsigned long integer
strtoull(3) - convert a string to an unsigned long integer
strtoumax(3) - convert string to integer

strtouq(3) - convert a string to an unsigned long integer
strverscmp(3) - compare two version strings
strxfrm(3) - string transformation
svc_destroy(3) - library routines for remote procedure calls
svcerr_auth(3) - library routines for remote procedure calls
svcerr_decode(3) - library routines for remote procedure calls
svcerr_noproc(3) - library routines for remote procedure calls
svcerr_noprog(3) - library routines for remote procedure calls
svcerr_progvers(3) - library routines for remote procedure calls
svcerr_systemerr(3) - library routines for remote procedure calls
svcerr_weakauth(3) - library routines for remote procedure calls
svcfld_create(3) - library routines for remote procedure calls
svc_freeargs(3) - library routines for remote procedure calls
svc_getargs(3) - library routines for remote procedure calls
svc_getcaller(3) - library routines for remote procedure calls
svc_getreq(3) - library routines for remote procedure calls
svc_getreqset(3) - library routines for remote procedure calls
svcrw_create(3) - library routines for remote procedure calls
svc_register(3) - library routines for remote procedure calls
svc_run(3) - library routines for remote procedure calls
svc_sendreply(3) - library routines for remote procedure calls
svctcp_create(3) - library routines for remote procedure calls
svcudp_bufcreate(3) - library routines for remote procedure calls
svcudp_create(3) - library routines for remote procedure calls
svc_unregister(3) - library routines for remote procedure calls
swab(3) - swap adjacent bytes
swapcontext(3) - manipulate user context
swprintf(3) - formatted wide-character output conversion
sysconf(3) - get configuration information at run time
sys_errlist(3) - print a system error message
syslog(3) - send messages to the system logger
sys_nerr(3) - print a system error message
system(3) - execute a shell command
sysv_signal(3) - signal handling with System V semantics
TAILQ_CONCAT(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_EMPTY(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_ENTRY(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_FIRST(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_FOREACH(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_FOREACH_REVERSE(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_HEAD(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_HEAD_INITIALIZER(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_INIT(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_INSERT_AFTER(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_INSERT_BEFORE(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_INSERT_HEAD(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_INSERT_TAIL(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_LAST(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_NEXT(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_PREV(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_REMOVE(3) - linked lists, singly-linked tail queues, lists and tail queues
TAILQ_SWAP(3) - linked lists, singly-linked tail queues, lists and tail queues
tan(3) - tangent function
tanh(3) - tangent function
tanh(3) - hyperbolic tangent function
tanhf(3) - hyperbolic tangent function
tanh(3) - hyperbolic tangent function
tanl(3) - tangent function
tcdrain(3) - get and set terminal attributes, line control, get and set baud rate
tcflow(3) - get and set terminal attributes, line control, get and set baud rate
tcflush(3) - get and set terminal attributes, line control, get and set baud rate
tcgetattr(3) - get and set terminal attributes, line control, get and set baud rate
tcgetpgrp(3) - get and set terminal foreground process group
tcgetsid(3) - get session ID
tcsendbreak(3) - get and set terminal attributes, line control, get and set baud rate
tcsetattr(3) - get and set terminal attributes, line control, get and set baud rate
tcsetpgrp(3) - get and set terminal foreground process group
tdelete(3) - manage a binary search tree
tdestroy(3) - manage a binary search tree
telldir(3) - return current location in directory stream
tempnam(3) - create a name for a temporary file
termios(3) - get and set terminal attributes, line control, get and set baud rate
tfind(3) - manage a binary search tree
tgamma(3) - true gamma function
tgammaf(3) - true gamma function
tgamma(3) - true gamma function
timegm(3) - inverses of gmtime and localtime

timelocal(3) - inverses of gmtime and localtime
timeradd(3) - timeval operations
timerclear(3) - timeval operations
timercmp(3) - timeval operations
timerisset(3) - timeval operations
timersub(3) - timeval operations
timezone(3) - initialize time conversion information
tmpfile(3) - create a temporary file
tmpnam(3) - create a name for a temporary file
tmpnam_r(3) - create a name for a temporary file
toascii(3) - convert character to ASCII
tolower(3) - convert uppercase or lowercase
tolower_l(3) - convert uppercase or lowercase
toupper(3) - convert uppercase or lowercase
toupper_l(3) - convert uppercase or lowercase
towctrans(3) - wide-character transliteration
tolower(3) - convert a wide character to lowercase
tolower_l(3) - convert a wide character to lowercase
toupper(3) - convert a wide character to uppercase
toupper_l(3) - convert a wide character to uppercase
trunc(3) - round to integer, toward zero
truncf(3) - round to integer, toward zero
trunc_l(3) - round to integer, toward zero
tsearch(3) - manage a binary search tree
ttyname(3) - return name of a terminal
ttyname_r(3) - return name of a terminal
ttyslot(3) - find the slot of the current user's terminal in some file
twalk(3) - manage a binary search tree
twalk_r(3) - manage a binary search tree
tzname(3) - initialize time conversion information
tzset(3) - initialize time conversion information
ualarm(3) - schedule signal after given number of microseconds
ulckpword(3) - get shadow password file entry
ulimit(3) - get and set user limits
undocumented(3) - undocumented library functions
ungetc(3) - input of characters and strings
ungetwc(3) - push back a wide character onto a FILE stream
unlocked_stdio(3) - nonlocking stdio functions
unlockpt(3) - unlock a pseudoterminal master/slave pair
unsetenv(3) - change or add an environment variable
updwtmp(3) - append an entry to the wtmp file
updwtmpx(3) - append an entry to the wtmp file
uselocale(3) - set/get the locale for the calling thread
usleep(3) - suspend execution for microsecond intervals
utmpname(3) - access utmp file entries
utmpxname(3) - access utmp file entries
va_arg(3) - variable argument lists
va_copy(3) - variable argument lists
va_end(3) - variable argument lists
valloc(3) - allocate aligned memory
vasprintf(3) - print to allocated string
va_start(3) - variable argument lists
vdprintf(3) - formatted output conversion
verr(3) - formatted error messages
verrx(3) - formatted error messages
versionsort(3) - scan a directory for matching entries
vfprintf(3) - formatted output conversion
vfscanf(3) - input format conversion
vfwprintf(3) - formatted wide-character output conversion
vlimit(3) - get/set resource limits
vprintf(3) - formatted output conversion
vscanf(3) - input format conversion
vsnprintf(3) - formatted output conversion
vsprintf(3) - formatted output conversion
vsscanf(3) - input format conversion
vswprintf(3) - formatted wide-character output conversion
vsyslog(3) - send messages to the system logger
vtimes(3) - get resource usage
vwarn(3) - formatted error messages
vwarnx(3) - formatted error messages
vwprintf(3) - formatted wide-character output conversion
warn(3) - formatted error messages
warnx(3) - formatted error messages
wcpncpy(3) - copy a wide-character string, returning a pointer to its end
wcpncpy(3) - copy a fixed-size string of wide characters, returning a pointer to its end
wctomb(3) - convert a wide character to a multibyte sequence
wcscasecmp(3) - compare two wide-character strings, ignoring case

wscat(3) - concatenate two wide-character strings
wchr(3) - search a wide character in a wide-character string
wscmp(3) - compare two wide-character strings
wscpy(3) - copy a wide-character string
wscspn(3) - search a wide-character string for any of a set of wide characters
wscdup(3) - duplicate a wide-character string
wscslen(3) - determine the length of a wide-character string
wscncasecmp(3) - compare two fixed-size wide-character strings, ignoring case
wscncat(3) - concatenate two wide-character strings
wscncmp(3) - compare two fixed-size wide-character strings
wscncpy(3) - copy a fixed-size string of wide characters
wscnlen(3) - determine the length of a fixed-size wide-character string
wscnrtombs(3) - convert a wide-character string to a multibyte string
wscpbrk(3) - search a wide-character string for any of a set of wide characters
wscrchr(3) - search a wide character in a wide-character string
wscrtoombs(3) - convert a wide-character string to a multibyte string
wcsspn(3) - advance in a wide-character string, skipping any of a set of wide characters
wcssstr(3) - locate a substring in a wide-character string
wcstoi(3) - convert wide-character string to integer
wcstok(3) - split wide-character string into tokens
wcstombs(3) - convert a wide-character string to a multibyte string
wcstou(3) - convert wide-character string to integer
wcswidth(3) - determine columns needed for a fixed-size wide-character string
wctob(3) - try to represent a wide character as a single byte
wctomb(3) - convert a wide character to a multibyte sequence
wctrans(3) - wide-character translation mapping
wctype(3) - wide-character classification
wcwidth(3) - determine columns needed for a wide character
wmemchr(3) - search a wide character in a wide-character array
wmemcmp(3) - compare two arrays of wide-characters
wmemcpy(3) - copy an array of wide-characters
wmemmove(3) - copy an array of wide-characters
wmemcpy(3) - copy memory area
wmemset(3) - fill an array of wide-characters with a constant wide character
wordexp(3) - perform word expansion like a posix-shell
wordfree(3) - perform word expansion like a posix-shell
wprintf(3) - formatted wide-character output conversion
xcrypt(3) - RFS password encryption
xdecrypt(3) - RFS password encryption
xdr(3) - library routines for external data representation
xdr_accepted_reply(3) - library routines for remote procedure calls
xdr_array(3) - library routines for external data representation
xdr_authunix_parms(3) - library routines for remote procedure calls
xdr_bool(3) - library routines for external data representation
xdr_bytes(3) - library routines for external data representation
xdr_callhdr(3) - library routines for remote procedure calls
xdr_callmsg(3) - library routines for remote procedure calls
xdr_char(3) - library routines for external data representation
xdr_destroy(3) - library routines for external data representation
xdr_double(3) - library routines for external data representation
xdr_enum(3) - library routines for external data representation
xdr_float(3) - library routines for external data representation
xdr_free(3) - library routines for external data representation
xdr_getpos(3) - library routines for external data representation
xdr_inline(3) - library routines for external data representation
xdr_int(3) - library routines for external data representation
xdr_long(3) - library routines for external data representation
xdrmem_create(3) - library routines for external data representation
xdr_opaque(3) - library routines for external data representation
xdr_opaque_auth(3) - library routines for remote procedure calls
xdr_pmap(3) - library routines for remote procedure calls
xdr_pmaplist(3) - library routines for remote procedure calls
xdr_pointer(3) - library routines for external data representation
xdrrec_create(3) - library routines for external data representation
xdrrec_endofrecord(3) - library routines for external data representation
xdrrec_eof(3) - library routines for external data representation
xdrrec_skiprecord(3) - library routines for external data representation
xdr_reference(3) - library routines for external data representation
xdr_rejected_reply(3) - library routines for remote procedure calls
xdr_replymsg(3) - library routines for remote procedure calls
xdr_setpos(3) - library routines for external data representation
xdr_short(3) - library routines for external data representation
xdrstdio_create(3) - library routines for external data representation
xdr_string(3) - library routines for external data representation
xdr_u_char(3) - library routines for external data representation
xdr_u_int(3) - library routines for external data representation
xdr_u_long(3) - library routines for external data representation

xdr_union(3) - library routines for external data representation
 xdr_u_short(3) - library routines for external data representation
 xdr_vector(3) - library routines for external data representation
 xdr_void(3) - library routines for external data representation
 xdr_wrapstring(3) - library routines for external data representation
 xencrypt(3) - RFS password encryption
 xprt_register(3) - library routines for remote procedure calls
 xprt_unregister(3) - library routines for remote procedure calls
 y0(3) - Bessel functions of the second kind
 y0f(3) - Bessel functions of the second kind
 y0l(3) - Bessel functions of the second kind
 y1(3) - Bessel functions of the second kind
 y1f(3) - Bessel functions of the second kind
 y1l(3) - Bessel functions of the second kind
 yn(3) - Bessel functions of the second kind
 ynf(3) - Bessel functions of the second kind
 ynl(3) - Bessel functions of the second kind

cciss(4) - HP Smart Array block driver
 console_codes(4) - Linux console escape and control sequences
 console_ioctl(4) - ioctls for console terminal and virtual consoles
 cpuid(4) - x86 CPUID access device
 dsp56k(4) - DSP56001 interface device
 fd(4) - floppy disk device
 full(4) - always full device
 fuse(4) - Filesystem in Userspace (FUSE) device
 hd(4) - MFM/IDE hard disk devices
 hpsa(4) - HP Smart Array SCSI driver
 initrd(4) - boot loader initialized RAM disk
 intro(4) - introduction to special files
 kmem(4) - system memory, kernel memory and system ports
 lirc(4) - lirc devices
 loop(4) - loop devices
 loop-control(4) - loop devices
 lp(4) - line printer devices
 mem(4) - system memory, kernel memory and system ports
 mouse(4) - serial mouse interface
 msr(4) - x86 CPU MSR access device
 null(4) - data sink
 port(4) - system memory, kernel memory and system ports
 ptmx(4) - pseudoterminal master and slave
 pts(4) - pseudoterminal master and slave
 ram(4) - ram disk device
 random(4) - kernel random number source devices
 rtc(4) - real-time clock
 sd(4) - driver for SCSI disk drives
 sk98lin(4) - Marvell/SysKonnect Gigabit Ethernet driver v6.21
 smartpqi(4) - Microsemi Smart Family SCSI driver
 st(4) - SCSI tape device
 tty(4) - controlling terminal
 tty_ioctl(4) - ioctls for terminals and serial lines
 ttyS(4) - serial terminal lines
 urandom(4) - kernel random number source devices
 vcs(4) - virtual console memory
 vcsa(4) - virtual console memory
 veth(4) - Virtual Ethernet Device
 wavelan(4) - AT&T GIS WaveLAN ISA device driver
 zero(4) - data sink

acct(5) - process accounting file
 attr(5) - Extended attributes
 charmap(5) - character set description file
 core(5) - core dump file
 dir_colors(5) - configuration file for dircolors(1)
 elf(5) - format of Executable and Linking Format (ELF) files
 filesystems(5) - Linux filesystem types: ext, ext2, ext3, ext4, hpfs, iso9660, JFS, minix, msdos, ncpfs nfs, ntfs, proc, f
 fs(5) - Linux filesystem types: ext, ext2, ext3, ext4, hpfs, iso9660, JFS, minix, msdos, ncpfs nfs, ntfs, proc, Reiserfs,
 ftpusers(5) - list of users that may not log in via the FTP daemon
 gai.conf(5) - getaddrinfo(3) configuration file
 group(5) - user group file
 host.conf(5) - resolver configuration file
 hosts(5) - static table lookup for hostnames
 hosts.equiv(5) - list of hosts and users that are granted "trusted" r command access to your system
 intro(5) - introduction to file formats and filesystems
 issue(5) - prelogin message and identification file
 locale(5) - describes a locale definition file
 motd(5) - message of the day

[networks\(5\)](#) - network name information
[nologin\(5\)](#) - prevent unprivileged users from logging into the system
[nscd.conf\(5\)](#) - name service cache daemon configuration file
[nss\(5\)](#) - Name Service Switch configuration file
[nsswitch.conf\(5\)](#) - Name Service Switch configuration file
[numa_maps\(5\)](#) - overview of Non-Uniform Memory Architecture
[passwd\(5\)](#) - password file
[proc\(5\)](#) - process information pseudo-filesystem
[procf\(5\)](#) - process information pseudo-filesystem
[protocols\(5\)](#) - protocols definition file
[repertoiremap\(5\)](#) - map symbolic character names to Unicode code points
[resolv.conf\(5\)](#) - resolver configuration file
[resolver\(5\)](#) - resolver configuration file
[rpc\(5\)](#) - RPC program number data base
[securetty\(5\)](#) - file which lists terminals from which root can log in
[services\(5\)](#) - Internet network services list
[shells\(5\)](#) - pathnames of valid login shells
[slabinfo\(5\)](#) - kernel slab allocator statistics
[sysfs\(5\)](#) - a filesystem for exporting kernel objects
[termcap\(5\)](#) - terminal capability database
[tmpfs\(5\)](#) - a virtual memory filesystem
[ttytype\(5\)](#) - terminal device to default terminal type mapping
[tzfile\(5\)](#) - timezone information
[utmp\(5\)](#) - login records
[utmpx\(5\)](#) - login records
[wtmp\(5\)](#) - login records

[intro\(6\)](#) - introduction to games

[address_families\(7\)](#) - socket address families (domains)
[aio\(7\)](#) - POSIX asynchronous I/O overview
[armSCII-8\(7\)](#) - Armenian character set encoded in octal, decimal, and hexadecimal
[arp\(7\)](#) - Linux ARP kernel module.
[ascii\(7\)](#) - ASCII character set encoded in octal, decimal, and hexadecimal
[attributes\(7\)](#) - POSIX safety concepts
[boot\(7\)](#) - System bootup process based on UNIX System V Release 4
[bootparam\(7\)](#) - introduction to boot time parameters of the Linux kernel
[bpf-helpers\(7\)](#) - list of eBPF helper functions
[capabilities\(7\)](#) - overview of Linux capabilities
[cgroup_namespaces\(7\)](#) - overview of Linux cgroup namespaces
[cgroups\(7\)](#) - Linux control groups
[charsets\(7\)](#) - character set standards and internationalization
[complex\(7\)](#) - basics of complex mathematics
[cp1251\(7\)](#) - CP 1251 character set encoded in octal, decimal, and hexadecimal
[cp1252\(7\)](#) - CP 1252 character set encoded in octal, decimal, and hexadecimal
[cpuset\(7\)](#) - confine processes to processor and memory node subsets
[credentials\(7\)](#) - process identifiers
[ddp\(7\)](#) - Linux AppleTalk protocol implementation
[environ\(7\)](#) - user environment
[epoll\(7\)](#) - I/O event notification facility
[fanotify\(7\)](#) - monitoring filesystem events
[feature_test_macros\(7\)](#) - feature test macros
[fifo\(7\)](#) - first-in first-out special file, named pipe
[futex\(7\)](#) - fast user-space locking
[glibc\(7\)](#) - overview of standard C libraries on Linux
[glob\(7\)](#) - globbing pathnames
[hier\(7\)](#) - description of the filesystem hierarchy
[hostname\(7\)](#) - hostname resolution description
[icmp\(7\)](#) - Linux IPv4 ICMP kernel module.
[inode\(7\)](#) - file inode information
[inotify\(7\)](#) - monitoring filesystem events
[intro\(7\)](#) - introduction to overview and miscellany section
[ip\(7\)](#) - Linux IPv4 protocol implementation
[ipv6\(7\)](#) - Linux IPv6 protocol implementation
[iso-8859-10\(7\)](#) - ISO 8859-10 character set encoded in octal, decimal, and hexadecimal
[iso_8859-10\(7\)](#) - ISO 8859-10 character set encoded in octal, decimal, and hexadecimal
[iso_8859_10\(7\)](#) - ISO 8859-10 character set encoded in octal, decimal, and hexadecimal
[iso-8859-11\(7\)](#) - ISO 8859-11 character set encoded in octal, decimal, and hexadecimal
[iso_8859-11\(7\)](#) - ISO 8859-11 character set encoded in octal, decimal, and hexadecimal
[iso_8859_11\(7\)](#) - ISO 8859-11 character set encoded in octal, decimal, and hexadecimal
[iso-8859-13\(7\)](#) - ISO 8859-13 character set encoded in octal, decimal, and hexadecimal
[iso_8859-13\(7\)](#) - ISO 8859-13 character set encoded in octal, decimal, and hexadecimal
[iso_8859_13\(7\)](#) - ISO 8859-13 character set encoded in octal, decimal, and hexadecimal
[iso-8859-14\(7\)](#) - ISO 8859-14 character set encoded in octal, decimal, and hexadecimal
[iso_8859-14\(7\)](#) - ISO 8859-14 character set encoded in octal, decimal, and hexadecimal
[iso_8859_14\(7\)](#) - ISO 8859-14 character set encoded in octal, decimal, and hexadecimal
[iso-8859-15\(7\)](#) - ISO 8859-15 character set encoded in octal, decimal, and hexadecimal

iso_8859-15(7) - ISO 8859-15 character set encoded in octal, decimal, and hexadecimal
iso_8859_15(7) - ISO 8859-15 character set encoded in octal, decimal, and hexadecimal
iso-8859-16(7) - ISO 8859-16 character set encoded in octal, decimal, and hexadecimal
iso_8859-16(7) - ISO 8859-16 character set encoded in octal, decimal, and hexadecimal
iso_8859_16(7) - ISO 8859-16 character set encoded in octal, decimal, and hexadecimal
iso-8859-1(7) - ISO 8859-1 character set encoded in octal, decimal, and hexadecimal
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iso_8859_1(7) - ISO 8859-1 character set encoded in octal, decimal, and hexadecimal
iso-8859-2(7) - ISO 8859-2 character set encoded in octal, decimal, and hexadecimal
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iso_8859_2(7) - ISO 8859-2 character set encoded in octal, decimal, and hexadecimal
iso-8859-3(7) - ISO 8859-3 character set encoded in octal, decimal, and hexadecimal
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iso-8859-4(7) - ISO 8859-4 character set encoded in octal, decimal, and hexadecimal
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iso_8859_4(7) - ISO 8859-4 character set encoded in octal, decimal, and hexadecimal
iso-8859-5(7) - ISO 8859-5 character set encoded in octal, decimal, and hexadecimal
iso_8859-5(7) - ISO 8859-5 character set encoded in octal, decimal, and hexadecimal
iso_8859_5(7) - ISO 8859-5 character set encoded in octal, decimal, and hexadecimal
iso-8859-6(7) - ISO 8859-6 character set encoded in octal, decimal, and hexadecimal
iso_8859-6(7) - ISO 8859-6 character set encoded in octal, decimal, and hexadecimal
iso_8859_6(7) - ISO 8859-6 character set encoded in octal, decimal, and hexadecimal
iso-8859-7(7) - ISO 8859-7 character set encoded in octal, decimal, and hexadecimal
iso_8859-7(7) - ISO 8859-7 character set encoded in octal, decimal, and hexadecimal
iso_8859_7(7) - ISO 8859-7 character set encoded in octal, decimal, and hexadecimal
iso-8859-8(7) - ISO 8859-8 character set encoded in octal, decimal, and hexadecimal
iso_8859-8(7) - ISO 8859-8 character set encoded in octal, decimal, and hexadecimal
iso_8859_8(7) - ISO 8859-8 character set encoded in octal, decimal, and hexadecimal
iso-8859-9(7) - ISO 8859-9 character set encoded in octal, decimal, and hexadecimal
iso_8859-9(7) - ISO 8859-9 character set encoded in octal, decimal, and hexadecimal
iso_8859_9(7) - ISO 8859-9 character set encoded in octal, decimal, and hexadecimal
keyrings(7) - in-kernel key management and retention facility
koi8-r(7) - Russian character set encoded in octal, decimal, and hexadecimal
koi8-u(7) - Ukrainian character set encoded in octal, decimal, and hexadecimal
latin10(7) - ISO 8859-16 character set encoded in octal, decimal, and hexadecimal
latin1(7) - ISO 8859-1 character set encoded in octal, decimal, and hexadecimal
latin2(7) - ISO 8859-2 character set encoded in octal, decimal, and hexadecimal
latin3(7) - ISO 8859-3 character set encoded in octal, decimal, and hexadecimal
latin4(7) - ISO 8859-4 character set encoded in octal, decimal, and hexadecimal
latin5(7) - ISO 8859-9 character set encoded in octal, decimal, and hexadecimal
latin6(7) - ISO 8859-10 character set encoded in octal, decimal, and hexadecimal
latin7(7) - ISO 8859-13 character set encoded in octal, decimal, and hexadecimal
latin8(7) - ISO 8859-14 character set encoded in octal, decimal, and hexadecimal
latin9(7) - ISO 8859-15 character set encoded in octal, decimal, and hexadecimal
libc(7) - overview of standard C libraries on Linux
locale(7) - description of multilanguage support
mailaddr(7) - mail addressing description
man(7) - macros to format man pages
man-pages(7) - conventions for writing Linux man pages
math_error(7) - detecting errors from mathematical functions
mount_namespaces(7) - overview of Linux mount namespaces
mq_overview(7) - overview of POSIX message queues
namespaces(7) - overview of Linux namespaces
netdevice(7) - low-level access to Linux network devices
netlink(7) - communication between kernel and user space (AF_NETLINK)
network_namespaces(7) - overview of Linux network namespaces
nptl(7) - Native POSIX Threads Library
numa(7) - overview of Non-Uniform Memory Architecture
operator(7) - C operator precedence and order of evaluation
packet(7) - packet interface on device level
path_resolution(7) - how a pathname is resolved to a file
persistent-keyring(7) - per-user persistent keyring
pid_namespaces(7) - overview of Linux PID namespaces
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[aria_pack\(1\)](#) - generate compressed, read-only Aria tables
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[comp_err\(1\)](#) - compile MariaDB error message file
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[innochecksum\(1\)](#) - offline InnoDB file checksum utility
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`mysql_convert_table_format(1)` - convert tables to use a given storage engine
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`mysqlslap(1)` - load emulation client
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`mysql_tzinfo_to_sql(1)` - load the time zone tables
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`mysql_waitpid(1)` - kill process and wait for its termination
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`resolve_stack_dump(1)` - resolve numeric stack trace dump to symbols
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`wsrep_sst_mariabackup(1)` - mariabackup-based state snapshot transfer
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mdadm (Tool for managing md arrays in Linux)

`md(4)` - Multiple Device driver aka Linux Software RAID

`mdadm.conf(5)` - configuration for management of Software RAID with mdadm

`mdadm(8)` - manage MD devices aka Linux Software RAID
`mdmon(8)` - monitor MD external metadata arrays
`raid6check(8)` - check MD RAID6 device for errors aka Linux Software RAID

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ncurses (new curses)

`clear(1)` - clear the terminal screen
`ncurses5-config(1)` - helper script for ncurses libraries
`ncurses6-config(1)` - helper script for ncurses libraries
`tabs(1)` - set tabs on a terminal
`tput(1)` - initialize a terminal or query terminfo database
`tset(1)` - terminal initialization

`curl_addch(3x)` - add a character (with attributes) to a curses window, then advance the cursor
`curl_addchstr(3x)` - add a string of characters (and attributes) to a curses window
`curl_addstr(3x)` - add a string of characters to a curses window and advance cursor
`curl_add_wch(3x)` - add a complex character and rendition to a curses window, then advance the cursor
`curl_add_wchstr(3x)` - add an array of complex characters (and attributes) to a curses window
`curl_addwstr(3x)` - add a string of wide characters to a curses window and advance cursor
`curl_attr(3x)` - curses character and window attribute control routines
`curl_beep(3x)` - curses bell and screen flash routines
`curl_bkgd(3x)` - curses window background manipulation routines
`curl_bkgdnd(3x)` - curses window complex background manipulation routines
`curl_border(3x)` - create curses borders, horizontal and vertical lines
`curl_border_set(3x)` - create curses borders or lines using complex characters and renditions
`curl_clear(3x)` - clear all or part of a curses window
`curl_color(3x)` - curses color manipulation routines
`curl_delch(3x)` - delete character under the cursor in a curses window
`curl_deleteln(3x)` - delete and insert lines in a curses window
`curl_extend(3x)` - miscellaneous curses extensions
`curl_getcchar(3x)` - Get a wide character string and rendition from a `cchar_t` or set a `cchar_t` from a wide-character string
`curl_getch(3x)` - get (or push back) characters from curses terminal keyboard
`curl_getstr(3x)` - accept character strings from curses terminal keyboard
`curl_get_wch(3x)` - get (or push back) a wide character from curses terminal keyboard
`curl_get_wstr(3x)` - get an array of wide characters from a curses terminal keyboard
`curl_getyx(3x)` - get curses cursor and window coordinates
`curl_inch(3x)` - get a character and attributes from a curses window
`curl_inchstr(3x)` - get a string of characters (and attributes) from a curses window
`curl_initscr(3x)` - curses screen initialization and manipulation routines
`curl_inopts(3x)` - curses input options
`curl_insch(3x)` - insert a character before cursor in a curses window
`curl_insstr(3x)` - insert string before cursor in a curses window
`curl_instr(3x)` - get a string of characters from a curses window
`curl_ins_wch(3x)` - insert a complex character and rendition into a window
`curl_ins_wstr(3x)` - insert a wide-character string into a curses window
`curl_in_wch(3x)` - extract a complex character and rendition from a window
`curl_in_wchstr(3x)` - get an array of complex characters and renditions from a curses window
`curl_inwstr(3x)` - get a string of `wchar_t` characters from a curses window
`curl_kernel(3x)` - low-level curses routines
`curl_legacy(3x)` - get curses cursor and window coordinates, attributes
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`curl_move(3x)` - move curses window cursor
`curl_opaque(3x)` - curses window properties
`curl_outopts(3x)` - curses output options
`curl_overlay(3x)` - overlay and manipulate overlapped curses windows
`curl_pad(3x)` - create and display curses pads
`curl_print(3x)` - ship binary data to printer
`curl_printw(3x)` - print formatted output in curses windows
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`curl_scr_dump(3x)` - read (write) a curses screen from (to) a file
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 flowtop(8) - top-like netfilter TCP/UDP/SCTP/DCCP/ICMP(v6) flow tracking
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[arp\(8\)](#) - manipulate the system ARP cache
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[plipconfig\(8\)](#) - fine tune PLIP device parameters
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[nfs.conf\(5\)](#) - general configuration for NFS daemons and tools
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[nfsd\(7\)](#) - special filesystem for controlling Linux NFS server
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ldap_mods_free(3) - Perform an LDAP modify operation
ldap_msgfree(3) - Wait for the result of an LDAP operation
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ldap_rename_s(3) - Renames the specified entry.
ldap_result2error(3) - LDAP protocol error handling routines
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ldap_set_option(3) - LDAP option handling routines
ldap_set_rebind_proc(3) - LDAP bind routines
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ldap_str2syntax(3) - Schema definition handling routines
ldap_strdup(3) - LDAP memory allocation routines
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[ldap_value_free\(3\)](#) - LDAP attribute value handling routines
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[ldap.conf\(5\)](#) - LDAP configuration file/environment variables
[ldif\(5\)](#) - LDAP Data Interchange Format
[slapd.access\(5\)](#) - access configuration for slapd, the stand-alone LDAP daemon
[slapd-asynccmeta\(5\)](#) - asynchronous metadirectory backend to slapd
[slapd.backends\(5\)](#) - backends for slapd, the stand-alone LDAP daemon
[slapd.conf\(5\)](#) - configuration file for slapd, the stand-alone LDAP daemon
[slapd-config\(5\)](#) - configuration backend to slapd
[slapd-dnssrv\(5\)](#) - DNS SRV referral backend to slapd
[slapd-ldap\(5\)](#) - LDAP backend to slapd
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[slapd-mdb\(5\)](#) - Memory-Mapped DB backend to slapd
[slapd-meta\(5\)](#) - metadirectory backend to slapd
[slapd-monitor\(5\)](#) - Monitor backend to slapd
[slapd-ndb\(5\)](#) - MySQL NDB backend to slapd
[slapd-null\(5\)](#) - Null backend to slapd
[slapd.overlays\(5\)](#) - overlays for slapd, the stand-alone LDAP daemon
[slapd-passwd\(5\)](#) - /etc/passwd backend to slapd
[slapd-perl\(5\)](#) - Perl backend to slapd
[slapd.plugin\(5\)](#) - plugin configuration for slapd, the stand-alone LDAP daemon
[slapd-relay\(5\)](#) - relay backend to slapd
[slapd-shell\(5\)](#) - Shell backend to slapd
[slapd-sock\(5\)](#) - Socket backend/overlay to slapd
[slapd-sql\(5\)](#) - SQL backend to slapd
[slapd-wt\(5\)](#) - WiredTiger backend to slapd
[slapo-accesslog\(5\)](#) - Access Logging overlay to slapd
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[slapo-autoca\(5\)](#) - Automatic Certificate Authority overlay to slapd
[slapo-chain\(5\)](#) - chain overlay to slapd
[slapo-collect\(5\)](#) - Collective attributes overlay to slapd
[slapo-constraint\(5\)](#) - Attribute Constraint Overlay to slapd
[slapo-dds\(5\)](#) - Dynamic Directory Services overlay to slapd
[slapo-dyngroup\(5\)](#) - Dynamic Group overlay to slapd
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[slapo-memberof\(5\)](#) - Reverse Group Membership overlay to slapd
[slapo-pbind\(5\)](#) - proxy bind overlay to slapd
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[slapo-ppolicy\(5\)](#) - Password Policy overlay to slapd
[slapo-refint\(5\)](#) - Referential Integrity overlay to slapd
[slapo-retcode\(5\)](#) - return code overlay to slapd
[slapo-rwm\(5\)](#) - rewrite/remap overlay to slapd
[slapo-sock\(5\)](#) - Socket backend/overlay to slapd
[slapo-sssvlv\(5\)](#) - Server Side Sorting and Virtual List View overlay to slapd
[slapo-syncprov\(5\)](#) - Sync Provider overlay to slapd
[slapo-translucent\(5\)](#) - Translucent Proxy overlay to slapd
[slapo-unique\(5\)](#) - Attribute Uniqueness overlay to slapd
[slapo-valsort\(5\)](#) - Value Sorting overlay to slapd

[slapacl\(8\)](#) - Check access to a list of attributes.
[slapadd\(8\)](#) - Add entries to a SLAPD database
[slapauth\(8\)](#) - Check a list of string-represented IDs for LDAP authc/authz
[slapcat\(8\)](#) - SLAPD database to LDIF utility
[slapd\(8\)](#) - Stand-alone LDAP Daemon
[slapdn\(8\)](#) - Check a list of string-represented LDAP DNs based on schema syntax
[slapindex\(8\)](#) - Reindex entries in a SLAPD database
[slapmodify\(8\)](#) - Modify entries in a SLAPD database
[slappasswd\(8\)](#) - OpenLDAP password utility
[slapschema\(8\)](#) - SLAPD in-database schema checking utility
[slaptest\(8\)](#) - Check the suitability of the OpenLDAP slapd configuration

scp(1) - secure copy (remote file copy program)
sftp(1) - secure file transfer program
ssh(1) - OpenSSH SSH client (remote login program)
ssh-add(1) - adds private key identities to the authentication agent
ssh-agent(1) - authentication agent
ssh-keygen(1) - authentication key generation, management and conversion
ssh-keyscan(1) - gather SSH public keys

moduli(5) - Hellman moduli
ssh_config(5) - OpenSSH SSH client configuration files
sshd_config(5) - OpenSSH SSH daemon configuration file

sftp-server(8) - SFTP server subsystem
sshd(8) - OpenSSH SSH daemon
ssh-keysign(8) - ssh helper program for host-based authentication
ssh-pkcs11-helper(8) - ssh-agent helper program for PKCS#11 support

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oprofile (a system-wide profiler for Linux)

ocount(1) - Event counting tool for Linux
opannotate(1) - produce source or assembly annotated with profile data
oparchive(1) - produce archive of oprofile data for offline analysis
op-check-perfevents(1) - checks for kernel perf pmu support
opcontrol(1) - control OProfile profiling
operf(1) - Performance profiler tool for Linux
opgprof(1) - produce gprof-format profile data
ophelp(1) - list OProfile events
opimport(1) - converts sample database files
opjitconv(1) - convert jit dump file to an ELF
opreport(1) - produce symbol or binary image summaries
oprofile(1) - a statistical profiler for Linux systems, capable of profiling all running code at low overhead; also includ
oprof_start(1) - A GUI interface for OProfile

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Open vSwitch (a distributed virtual multilayer switch)

ovn-detrace(1) - convert ``ovs-appctl ofproto/trace'' output to combine OVN logical flow information.
ovsdb-client(1) - command-line interface to ovsdb-server(1)
ovsdb-idlc(1) - Open vSwitch IDL (Interface Definition Language) compiler
ovsdb-server(1) - Open vSwitch database server
ovsdb-tool(1) - Open vSwitch database management utility
ovs-pcap(1) - print packets from a pcap file as hex
ovs-sim(1) - Open vSwitch simulator environment
ovs-tcpundump(1) - convert ``tcpdump -xx'' output to hex strings

ovn-nb(5) - OVN_Northbound database schema
ovn-sb(5) - OVN_Southbound database schema
ovsdb-server(5) - _Server database schema
ovs-vswitchd.conf.db(5) - Open_vSwitch database schema
vtep(5) - hardware_vtep database schema

ovn-architecture(7) - Open Virtual Network architecture
ovs-actions(7) - OpenFlow actions and instructions with Open vSwitch extensions
ovs-fields(7) - protocol header fields in OpenFlow and Open vSwitch

ovn-controller(8) - Open Virtual Network local controller
ovn-controller-vtep(8) - Open Virtual Network local controller for vtep enabled physical switches.
ovn-ctl(8) - Open Virtual Network northbound daemon lifecycle utility
ovn-nbctl(8) - Open Virtual Network northbound db management utility
ovn-northd(8) - Open Virtual Network central control daemon
ovn-sbctl(8) - utility for querying and configuring OVN_Southbound database

[ovn-trace\(8\)](#) - Open Virtual Network logical network tracing utility
[ovs-appctl\(8\)](#) - utility for configuring running Open vSwitch daemons
[ovs-bugtool\(8\)](#) - Open vSwitch bug reporting utility
[ovs-ctl\(8\)](#) - OVS startup helper script
[ovs-dpctl\(8\)](#) - administer Open vSwitch datapaths
[ovs-dpctl-top\(8\)](#) - Top like behavior for ovs-dpctl dump-flows
[ovs-kmod-ctl\(8\)](#) - OVS startup helper script for loading kernel modules
[ovs-l3ping\(8\)](#) - check network deployment for L3 tunneling problems
[ovs-ofctl\(8\)](#) - administer OpenFlow switches
[ovs-parse-backtrace\(8\)](#) - parses ovs-appctl backtrace output
[ovs-pki\(8\)](#) - OpenFlow public key infrastructure management utility
[ovs-tcpdump\(8\)](#) - Dump traffic from an Open vSwitch port using tcpdump.
[ovs-testcontroller\(8\)](#) - simple OpenFlow controller for testing
[ovs-vlan-bug-workaround\(8\)](#) - utility for configuring Linux VLAN driver bug workaround
[ovs-vsctl\(8\)](#) - utility for querying and configuring ovs-vswitchd
[ovs-vswitchd\(8\)](#) - Open vSwitch daemon
[vtep-ctl\(8\)](#) - utility for querying and configuring a VTEP database

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GNU parted (partition table manipulation)

[parted\(8\)](#) - a partition manipulation program
[partprobe\(8\)](#) - inform the OS of partition table changes

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patch (GNU patch)

[patch\(1\)](#) - apply a diff file to an original

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pciutils (PCI utilities)

[pcilib\(7\)](#) - a library for accessing PCI devices
[lspci\(8\)](#) - list all PCI devices
[setpci\(8\)](#) - configure PCI devices
[update-pciids\(8\)](#) - download new version of the PCI ID list

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PCP (Performance Co-Pilot)

[autofs-probe\(1\)](#) - probe AutoFS mount/unmount daemon
[chkhelp\(1\)](#) - check performance metrics help text files
[collectl2pcp\(1\)](#) - import collectl data to a PCP archive
[dbpmda\(1\)](#) - debugger for Performance Co-Pilot PMDAs
[dbprobe\(1\)](#) - database response time and availability information
[ganglia2pcp\(1\)](#) - import ganglia data and create a PCP archive
[genpmda\(1\)](#) - Performance Co-Pilot PMDA Generator
[iostat2pcp\(1\)](#) - import iostat data and create a PCP archive
[mkaf\(1\)](#) - create a Performance Co-Pilot archive folio
[mrtg2pcp\(1\)](#) - import MRTG data and create a PCP archive
[newhelp\(1\)](#) - generate a performance metrics help database
[pcp\(1\)](#) - run a command or summarize an installation

pcp2csv(1) - performance metrics reporter
pcp2elasticsearch(1) - pcp-to-elasticsearch metrics exporter
pcp2graphite(1) - pcp-to-graphite metrics exporter
pcp2influxdb(1) - pcp-to-influxdb metrics exporter
pcp2json(1) - pcp-to-json metrics exporter
pcp2spark(1) - pcp-to-spark metrics exporter
pcp2template(1) - pcp-to-XXX metrics exporter
pcp2xlsx(1) - pcp-to-xlsx metrics exporter
pcp2xml(1) - pcp-to-xml metrics exporter
pcp2zabbix(1) - pcp-to-zabbix metrics exporter
pcp-atop(1) - Advanced System and Process Monitor
pcp-atopsar(1) - Advanced System Activity Report (pcp-atop related)
pcp-collectl(1) - collect data that describes the current system status
pcp-dmcache(1) - report on logical storage device caches
pcp-dstat(1) - versatile tool for generating system resource statistics
pcp-free(1) - report on free and used memory in the system
pcpintro(1) - introduction to the Performance Co-Pilot (PCP)
pcp-iostat(1) - performance metrics i/o statistics tool
pcp-ipcs(1) - provide information on IPC facilities
pcp-kube-pods(1) - list Kubernetes pods to scan for running PCP services
pcp-mpstat(1) - Report CPU and Interrupt related statistics.
pcp-numastat(1) - report on NUMA memory allocation
pcp-pidstat(1) - Report statistics for Linux tasks.
pcp-python(1) - run a python script using a preferred python variant
pcp-shping(1) - report on shell service availability and response
pcp-tapestat(1) - performance metrics i/o tape statistics tool
pcp-uptime(1) - tell how long the system has been running
pcp-verify(1) - verify aspects of a PCP installation
perfalloc(1) - notify pmdaperfevent(1) to disable hardware counter allocation.
pmaf(1) - Performance Co-Pilot archive folio manager
pmcd(1) - performance metrics collector daemon
pmcd_wait(1) - wait for PMCD to accept client connections
pmchart(1) - strip chart tool for Performance Co-Pilot
pmclient(1) - a simple performance metrics client
pmconfig(1) - Performance Co-Pilot configuration parameters
pmcpp(1) - simple preprocessor for the Performance Co-Pilot
pmdaactivemq(1) - ActiveMQ performance metrics domain agent (PMDA)
pmdaapache(1) - Apache2 web server performance metrics domain agent (PMDA)
pmdabash(1) - Bourne-Again SHell trace performance metrics domain agent
pmdabcc(1) - BCC PMDA
pmdabind2(1) - BIND performance metrics domain agent (PMDA)
pmdabonding(1) - Linux bonded interface performance metrics domain agent (PMDA)
pmdacifs(1) - Common Internet Filesystem (CIFS) PMDA
pmdacisco(1) - Cisco router performance metrics domain agent (PMDA)
pmdadbping(1) - database response time and availability PMDA
pmdadm(1) - Device Mapper PMDA
pmdadocker(1) - docker performance metrics domain agent (PMDA)
pmdads389(1) - 389 Directory Server PMDA
pmdads389log(1) - 389 Directory Server Log PMDA
pmdaelasticsearch(1) - elasticsearch performance metrics domain agent (PMDA)
pmdagfs2(1) - Global Filesystem v2 (GFS2) PMDA
pmdagluster(1) - Gluster Filesystem PMDA
pmdagpfs(1) - gpfs filesystem statistics performance metrics domain agent (PMDA)
pmdahaproxy(1) - HAProxy PMDA
pmdaib(1) - Infiniband performance metrics domain agent (PMDA)
pmdajbd2(1) - journal block device (JBD) performance metrics domain agent (PMDA)
pmdajson(1) - JSON PMDA
pmdakernel(1) - operating system kernel performance metrics domain agents
pmdakvm(1) - Linux virtualization performance metrics domain agent (PMDA)
pmdalibvirt(1) - libvirt PMDA
pmdalio(1) - Linux LIO subsystem PMDA
pmdalmsensors(1) - Linux hardware monitoring performance metrics domain agent (PMDA)
pmdalogger(1) - log file performance metrics domain agent (PMDA)
pmdalustre(1) - lustre filesystem statistics performance metrics domain agent (PMDA)
pmdalustrecomm(1) - Lustre filesystem comms performance metrics domain agent (PMDA)
pmdamailq(1) - mail queue performance metrics domain agent (PMDA)
pmdamemcache(1) - memcached performance metrics domain agent (PMDA)
pmdamic(1) - MIC card PMDA
pmdamv(1) - memory mapped values performance metrics domain agent (PMDA)
pmdamounts(1) - filesystem mounts performance metrics domain agent (PMDA)
pmdamysql(1) - MySQL and MariaDB database PMDA
pmdanetfilter(1) - Linux netfilter IP connection tracking performance metrics domain agent (PMDA)
pmdanfsc(1) - NFS client statistics performance metrics domain agent (PMDA)
pmdanginx(1) - nginx performance metrics domain agent (PMDA)
pmdanutcracker(1) - NutCracker performance metrics domain agent (PMDA)
pmdanvidia(1) - nvidia gpu metrics domain agent (PMDA)
pmdaoracle(1) - Oracle database PMDA

`pmdaperfevent(1)` - hardware performance counter performance metrics domain agent (PMDA)
`pmdapipe(1)` - command output capture performance metrics domain agent (PMDA)
`pmdapodman(1)` - podman container performance metrics domain agent (PMDA)
`pmdapostfix(1)` - Postfix performance metrics domain agent (PMDA)
`pmdapostgresql(1)` - PostgreSQL database PMDA
`pmdaproc(1)` - process performance metrics domain agent (PMDA)
`pmdaprometheus(1)` - Prometheus PMDA
`pmdaredis(1)` - Redis performance metrics domain agent (PMDA)
`pmdaroomtemp(1)` - room temperature performance metrics domain agent (PMDA)
`pmdaroot(1)` - a privileged PMCD helper performance metrics domain agent
`pmdarpm(1)` - RPM packages performance metrics domain agent (PMDA)
`pmdarsyslog(1)` - rsyslog (reliable and extended syslog) PMDA
`pmdasample(1)` - sample performance metrics domain agent (PMDA)
`pmdasendmail(1)` - sendmail performance metrics domain agent (PMDA)
`pmdashping(1)` - "shell-ping" performance metrics domain agent
`pmdasimple(1)` - simple performance metrics domain agent (PMDA)
`pmdaslurm(1)` - SLURM statistics performance metrics domain agent (PMDA)
`pmdasmart(1)` - S.M.A.R.T Data PMDA
`pmdasummary(1)` - summary performance metrics domain agent (PMDA)
`pmdasystemd(1)` - systemd performance metrics domain agent (PMDA)
`pmdate(1)` - display an offset date
`pmdatrace(1)` - application-level transaction performance metrics domain agent
`pmdatrivial(1)` - trivial performance metrics domain agent (PMDA)
`pmdatxmon(1)` - txmon performance metrics domain agent (PMDA)
`pmdaunbound(1)` - Unbound resolver PMDA
`pmdaweblog(1)` - performance metrics domain agent (PMDA) for Web server logs
`pmdaxfs(1)` - XFS filesystem performance metrics domain agent (PMDA)
`pmdazimbra(1)` - Zimbra Collaboration Suite (ZCS) PMDA
`pmdazswap(1)` - zswap (compressed swap) PMDA
`pmdbg(1)` - report Performance Co-Pilot debug options
`pmdiff(1)` - compares archives and report significant differences
`pmdumplog(1)` - dump internal details of a performance metrics archive log
`pmdumtext(1)` - dump performance metrics to an ASCII table
`pmerr(1)` - translate Performance Co-Pilot error codes into error messages
`pmfind(1)` - find PCP services on the network
`pmgenmap(1)` - generate C code to simplify handling of performance metrics
`pmgetopt(1)` - Performance Co-Pilot shell script option parser
`pmhostname(1)` - report hostname
`pmie(1)` - inference engine for performance metrics
`pmie2col(1)` - convert pmie output to multi-column format
`pmie_check(1)` - administration of the Performance Co-Pilot inference engine
`pmieconf(1)` - display and set configurable pmie rule variables
`pmiestatus(1)` - display information from pmie stats file
`pminfo(1)` - display information about performance metrics
`pmjson(1)` - Performance Co-Pilot JSON dumping utility
`pmlc(1)` - configure active Performance Co-Pilot pmlogger(s) interactively
`pmlock(1)` - simple file-based mutex
`pmlogcheck(1)` - checks for invalid data in a PCP archive
`pmlogconf(1)` - create/edit a pmlogger configuration file
`pmlogextract(1)` - reduce, extract, concatenate and merge Performance Co-Pilot archives
`pmlogger(1)` - create archive log for performance metrics
`pmlogger_check(1)` - administration of Performance Co-Pilot archive log files
`pmlogger_daily_report(1)` - write Performance Co-Pilot daily summary reports
`pmlogger_merge(1)` - helper script to merge Performance Co-Pilot archives
`pmlogger_rewrite(1)` - helper script to rewrite Performance Co-Pilot archives
`pmloglabel(1)` - check and repair a performance metrics archive label
`pmlogmv(1)` - move (rename) Performance Co-Pilot archive files
`pmlogreduce(1)` - temporal reduction of Performance Co-Pilot archives
`pmlogrewrite(1)` - rewrite Performance Co-Pilot archives
`pmlogsize(1)` - report sizes for parts of PCP archive(s)
`pmlogsummary(1)` - calculate averages of metrics stored in a set of PCP archives
`pmmgr(1)` - pcp daemon manager
`pmnewlog(1)` - stop and restart archive logging for PCP performance metrics
`pmnsadd(1)` - add new names to the Performance Co-Pilot PMNS
`pmnscmp(1)` - compile an ASCII performance metrics namespace into binary format.
`pmnsdel(1)` - delete a subtree of names from the Performance Co-Pilot PMNS
`pmnsmerge(1)` - merge multiple versions of a Performance Co-Pilot PMNS
`pmpost(1)` - append messages to the Performance Co-Pilot notice board
`pmprobe(1)` - lightweight probe for performance metrics
`pmproxy(1)` - proxy for performance metrics collector daemon
`pmpython(1)` - run a python script using a preferred python variant
`pmquery(1)` - general purpose dialog box
`pmrep(1)` - performance metrics reporter
`pmseries(1)` - display information about performance metric timeseries
`pmsignal(1)` - send a signal to one or more processes
`pmsleep(1)` - portable subsecond-capable sleep
`pmsnap(1)` - generate performance summary snapshot images

pmsocks(1) - shell wrapper for performance monitoring across firewalls
pmstat(1) - high-level system performance overview
pmstore(1) - modify performance metric values
pmtime(1) - time control server for Performance Co-Pilot
pmtrace(1) - command line performance instrumentation
pmval(1) - arbitrary performance metrics value dumper
pmview(1) - performance metrics 3D visualization back-end
pmwebd(1) - web access to PCP
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sar2pcp(1) - import sar data and create a PCP archive
sheet2pcp(1) - import spreadsheet data and create a PCP archive
telnet-probe(1) - lightweight telnet-like port probe

logimport(3) - introduction to the library for importing data and creating a PCP archive
mmv_inc_value(3) - update a value in a Memory Mapped Value file
mmv_lookup_value_desc(3) - find a value in the Memory Mapped Value file
mmv_stats_init(3) - create and initialize Memory Mapped Value file
mmv_stats_registry(3) - Initialize the Memory Mapped Value file
pcpintro(3) - introduction to the Performance Co-Pilot (PCP) libraries
pmaddprofile(3) - add instance(s) to the current PMAPI instance profile
__pmaf(3) - event queue services for periodic asynchronous callbacks
pmaf(3) - record mode support for PMAPI clients
pmapi(3) - introduction to the Performance Metrics Application Programming Interface
pmapi_internal(3) - internal details for the Performance Metrics Application Programming Interface
pmatomstr(3) - convert a performance metric value into a string
__pmconnectlogger(3) - connect to a performance metrics logger control port
__pmcontrollog(3) - enable, disable or enquire about logging of performance metrics
__pmconverttime(3) - convert tm structure to timeval structure
pmconvscale(3) - rescale a performance metric value
pmctime(3) - format the date and time for a reporting timezone
pmda(3) - introduction to the Performance Metrics Domain Agent support library
pmdaattribute(3) - informs a PMDA about client connection attributes
pmdacache(3) - manage a cache of instance domain information for a PMDA
pmdachildren(3) - translate a PMID to a set of dynamic performance metric names
pmdaconnect(3) - establish a connection between a daemon PMDA and PMCD
pmdadaemon(3) - initialize the PMDA to run as a daemon
pmdadesc(3) - get the description of a metric from a PMDA
pmdadso(3) - initialize the PMDA to run as a DSO
pmdaeventarray(3) - utilities for PMDAs to build packed arrays of event records
pmdaeventclient(3) - client context tracking interfaces for event queues
pmdaeventqueue(3) - utilities for PMDAs managing event queues
pmdafetch(3) - fill a pmResult structure with the requested metric values
pmdagetoptions(3) - get options from arguments, parsing generic PMDA options
pmdahelp(3) - help text support for a PMDA
pmdainit(3) - initialize a PMDA
pmdainstance(3) - return instance descriptions for a PMDA
pmdainterfacemoved(3) - reset internal state of a pmdaInterface structure
pmdalabel(3) - fill pmdaLabelSet structures with metric labels
pmdamain(3) - generic PDU processing for a PMDA
pmdaname(3) - translate a PMID to a set of dynamic performance metric names
pmdaopenlog(3) - redirect stderr to a logfile
pmdapmid(3) - translate a dynamic performance metric name into a PMID
pmdaprofile(3) - update instance profile for PMDA in preparation for the next fetch from PMCD
pmdarootconnect(3) - privileged PCP collector services
pmdasenderror(3) - pmdaSendError
pmdastore(3) - store a value into a metric for a PMDA
pmdatext(3) - extract metric help text for a PMDA
pmdatrace(3) - application-level performance instrumentation services
pmdelprofile(3) - delete instance(s) from the current PMAPI instance profile
pmderrerrstr(3) - return error message from failure to parse derived metric definition
pmdestroycontext(3) - destroy a PMAPI context
pmdiscoverservices(3) - discover PCP services on the network
pmdupcontext(3) - duplicate a PMAPI context
pmerrstr(3) - convert a PMAPI error code into a string
pmeventflagsstr(3) - convert an event record flags value into a string
pmextractvalue(3) - extract a performance metric value from a pmResult structure
pmfault(3) - Fault Injection Infrastructure for QA
pmfetch(3) - get performance metric values
pmfetcharchive(3) - get performance metrics directly from a set if archive logs
pmfetchgroup(3) - simplified performance metrics value fetch and conversion
pmfreeeventresult(3) - release storage allocated for unpacked event records
pmfreelabelsets(3) - release storage allocated for performance metric labels
pmfreeprofile(3) - free a PMAPI instance profile
pmfreeresult(3) - release storage allocated for performance metrics values
pmgetarchiveend(3) - locate logical end of file for a set of archive logs
pmgetarchivelabel(3) - fetch the label record from a set of performance metrics archive logs
pmgetchildren(3) - return the descendent nodes of a PMNS node

pmgetchildrenstatus(3) - return the descendent nodes of a PMNS node and their respective status
pmgetconfig(3) - return values for Performance Co-Pilot configuration variables
pmgetcontexthostname(3) - return the hostname associated with a Performance Co-Pilot context
pmgetindom(3) - get instance identifiers for a performance metrics instance domain
pmgetindomarchive(3) - get instance identifiers for a performance metrics instance domain
pmgetoptions(3) - command line handling for PMAPI tools
pmgetpmslocation(3) - determine the location of the currently used PMNS
pmgetusername(3) - fetch special PCP username
pmgetversion(3) - fetch installed PCP version number
pmhttpnewclient(3) - simple HTTP client interfaces
pmiaddinstance(3) - add an element to an instance domain in a LOGIMPORT context
pmiaddmetric(3) - add a new metric definition to a LOGIMPORT context
pmid_helper(3) - helper methods for manipulating PMIDs
pmidstr(3) - convert a performance metric identifier into a string
pmiend(3) - finish up a LOGIMPORT archive
pmierrstr(3) - convert a LOGIMPORT error code into a string
pmigethandle(3) - define a handle for a metric-instance pair
pmindom_helper(3) - helper methods for manipulating instance domain identifiers
pmindomstr(3) - convert a performance metric instance domain identifier into a string
pminputlabel(3) - add labels to the output archive
pminputmark(3) - write a <mark> record to a PCP archive
pminputresult(3) - add a data record to a LOGIMPORT archive
pminputtext(3) - add help text for an metric or instance domain
pminputvalue(3) - add a value for a metric-instance pair
pminputvaluehandle(3) - add a value for a metric-instance pair via a handle
pmisethostname(3) - set the source host name for a LOGIMPORT archive
pmsettimezone(3) - set the source timezone for a LOGIMPORT archive
pmistart(3) - establish a new LOGIMPORT context
pmiunits(3) - construct core metric data structures
pmiusecontext(3) - change LOGIMPORT context
pmiwrite(3) - flush data to a LOGIMPORT archive
pmjsonget(3) - JSON string helpers and metrics extraction
pmloadasciinamespace(3) - establish a local PMNS for an application
pmloadderivedconfig(3) - load derived metric definitions from files
pmloadnamespace(3) - load a local PMNS for an application
__pmlocalpmda(3) - change the table of DSO PMDAs for PM_CONTEXT_LOCAL contexts
pmlocaltime(3) - convert the date and time for a reporting timezone
pmlookupdesc(3) - obtain a description for a performance metric
pmlookupindom(3) - translate an instance name into an instance identifier
pmlookupindomarchive(3) - translate an instance name into an instance identifier
pmlookupindomtext(3) - return text describing a performance metrics instance domain
__pmlookupipc(3) - IPC version infrastructure support
pmlookuplabels(3) - retrieve labels associated with performance metric values
pmlookupname(3) - translate performance metric names into PMIDs
pmlookuptext(3) - return text describing a performance metric
pmmergelabels(3) - merge sets of performance metric labels
__pmmktime(3) - convert a tm structure to a calendar time
pmnameall(3) - translate a PMID to a set of performance metric names
pmnameid(3) - translate a PMID to a performance metric name
pmnameindom(3) - translate an instance identifier into an instance name
pmnameindomarchive(3) - translate an instance identifier into an instance name
pmnewcontext(3) - establish a new PMAPI context
pmnewcontextzone(3) - establish a reporting timezone based on a PMAPI context
pmnewzone(3) - establish a reporting timezone
pmnomem(3) - report out of memory conditions
pmnotifyerr(3) - standard handling of error messages
pmnumberstr(3) - fixed width output format for numbers
pmopenlog(3) - create a log file for diagnostics and debug output
__pmparsectime(3) - convert ctime(3) string to tm structure
pmparsedebg(3) - manipulate old-style PCP debugging control bit-fields
pmparsehostattrsspec(3) - host and attributes specification parser
pmparsehostspect(3) - uniform host specification parser
pmparseinterval(3) - convert interval string to timeval structure
pmparsemetricspec(3) - uniform metric specification parser
__pmparsetime(3) - parse time point specification
pmparsetimewindow(3) - parse time window command line arguments
pmparseunitsstr(3) - parse units specification
pmpathseparator(3) - return the filesystem path separator character
pmprintdesc(3) - print a metric descriptor
pmprintf(3) - print formatted output in a window or to standard error
pmprintlabelsets(3) - print an array of label sets
pmprintvalue(3) - print a performance metric value
__pmprocessexec(3) - process execution support
__pmprocesspipe(3) - support for process execution at the end of a pipe
pmreconnectcontext(3) - reconnect to a PMAPI context
pmregisterderived(3) - register a derived metric name and definition
pmsemstr(3) - convert a performance metric semantic into a string

[pmsetdebug\(3\)](#) - manipulate PCP debugging control options
[pmsetmode\(3\)](#) - set collection time parameters for the current PMAPI context
[pmsetprocessidentity\(3\)](#) - set process user and group id
[pmsetprogname\(3\)](#) - application name services
[pmsortinstances\(3\)](#) - sort performance metric values on instance identifier
[pmspeclocalpmda\(3\)](#) - process command-line argument for the table of DSO PMDAs
[pmsprintf\(3\)](#) - formatted string conversion
[pmstore\(3\)](#) - modify values of performance metrics
[pmtime\(3\)](#) - time control functions for synchronizing the archive position and update interval between one or more applicat
[pmtimeval\(3\)](#) - helper routines for time stored as a struct timeval
[pmtraversepmns\(3\)](#) - traverse the performance metrics name space
[pmtrimnamespace\(3\)](#) - prune a performance metrics name space
[pmtypestr\(3\)](#) - convert a performance metric type into a string
[pmunitsstr\(3\)](#) - convert a performance metric's units into a string
[pmunloadnamespace\(3\)](#) - unload a local performance metrics name space for an application
[pmunpackeventrecords\(3\)](#) - unpack event records
[pmusecontext\(3\)](#) - change current PMAPI context
[pmusezone\(3\)](#) - re-establish a reporting timezone
[pmwebapi\(3\)](#) - introduction to the Performance Metrics Web Application Programming Interface
[pmwhichcontext\(3\)](#) - identify the current PMAPI context
[pmwhichzone\(3\)](#) - return current reporting timezone
[QMC\(3\)](#) - library for managing groups of Performance Co-Pilot metrics
[QmcContext\(3\)](#) - container for a PMAPI context and its metrics
[QmcDesc\(3\)](#) - container for a metric description
[QmcGroup\(3\)](#) - container representing a single fetch group of metrics from multiple sources
[QmcIndom\(3\)](#) - container for a instance domain description
[QmcMetric\(3\)](#) - container for a metric and all its values
[QmcSource\(3\)](#) - manages contexts created by all groups
[zbxpcp\(3\)](#) - Zabbix Agent Loadable PCP Module

[postgres_pg_stat_tables.9.5\(4\)](#) -

[LOGARCHIVE\(5\)](#) - performance metrics archive format
[mmv\(5\)](#) - Memory Mapped Values for Performance Co-Pilot
[pcp-atoprc\(5\)](#) - pcp-atop/pcp-atopsar related resource file
[pcp.conf\(5\)](#) - the Performance Co-Pilot configuration and environment file
[pcp-dstat\(5\)](#) - pcp-dstat configuration file
[pcp.env\(5\)](#) - script to set Performance Co-Pilot run-time environment variables
[perfevent.conf\(5\)](#) - the Performance Co-Pilot perfevent PMDA configuration file
[pmieconf\(5\)](#) - generalized pmie rules and customizations
[pmns\(5\)](#) - the performance metrics name space
[pmrep.conf\(5\)](#) - pmrep configuration file
[pmview\(5\)](#) - configuration file format for performance
[postgres_pg_stat_tables.9.4\(5\)](#) -
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PCRE (Perl Compatible Regular Expressions)

[pcre-config\(1\)](#) - program to return PCRE configuration
[pcregrep\(1\)](#) - a grep with Perl-compatible regular expressions.
[pcretest\(1\)](#) - a program for testing Perl-compatible regular expressions.

[pcre16\(3\)](#) - Perl-compatible regular expressions
[pcre\(3\)](#) - Perl-compatible regular expressions (original API)
[pcre32\(3\)](#) - Perl-compatible regular expressions
[pcreapi\(3\)](#) - Perl-compatible regular expressions
[pcre_assign_jit_stack\(3\)](#) - Perl-compatible regular expressions
[pcrebuild\(3\)](#) - Perl-compatible regular expressions
[pcrecallout\(3\)](#) - Perl-compatible regular expressions
[pcrecompat\(3\)](#) - Perl-compatible regular expressions
[pcre_compile2\(3\)](#) - Perl-compatible regular expressions
[pcre_compile\(3\)](#) - Perl-compatible regular expressions
[pcre_config\(3\)](#) - Perl-compatible regular expressions
[pcre_copy_named_substring\(3\)](#) - Perl-compatible regular expressions
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[pcrecpp\(3\)](#) - Perl-compatible regular expressions.
[pcredemo\(3\)](#) -
[pcre_dfa_exec\(3\)](#) - Perl-compatible regular expressions

pcre_exec(3) - Perl-compatible regular expressions
pcre_free_study(3) - Perl-compatible regular expressions
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pcre_utf16_to_host_byte_order(3) - Perl-compatible regular expressions
pcre_utf32_to_host_byte_order(3) - Perl-compatible regular expressions
pcre_version(3) - Perl-compatible regular expressions

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perf (Performance analysis tools for Linux (in Linux source tree))

perf(1) - Performance analysis tools for Linux
perf-annotate(1) - Read perf.data (created by perf record) and display annotated code
perf-archive(1) - Create archive with object files with build-ids found in perf.data file
perf-bench(1) - General framework for benchmark suites
perf-buildid-cache(1) - Manage build-id cache.
perf-buildid-list(1) - List the buildids in a perf.data file
perf-c2c(1) - Shared Data C2C/HITM Analyzer.
perf-config(1) - Get and set variables in a configuration file.
perf-data(1) - Data file related processing
perf-diff(1) - Read perf.data files and display the differential profile
perf-evlist(1) - List the event names in a perf.data file
perf-fttrace(1) - simple wrapper for kernel's ftrace functionality
perf-help(1) - display help information about perf
perf-inject(1) - Filter to augment the events stream with additional information
perf-kallsyms(1) - Searches running kernel for symbols
perf-kmem(1) - Tool to trace/measure kernel memory properties
perf-kvm(1) - Tool to trace/measure kvm guest os
perf-list(1) - List all symbolic event types
perf-lock(1) - Analyze lock events
perf-mem(1) - Profile memory accesses
perf-probe(1) - Define new dynamic tracepoints
perf-record(1) - Run a command and record its profile into perf.data
perf-report(1) - Read perf.data (created by perf record) and display the profile
perf-sched(1) - Tool to trace/measure scheduler properties (latencies)
perf-script(1) - Read perf.data (created by perf record) and display trace output
perf-script-perl(1) - Process trace data with a Perl script
perf-script-python(1) - Process trace data with a Python script
perf-stat(1) - Run a command and gather performance counter statistics
perf-test(1) - Runs sanity tests.
perf-timechart(1) - Tool to visualize total system behavior during a workload
perf-top(1) - System profiling tool.
perf-trace(1) - strace inspired tool
perf-version(1) - display the version of perf binary

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perfmon2 (a performance monitoring library)

libpfm(3) - a helper library to develop monitoring tools
libpfm_amd64(3) - support for AMD64 processors
libpfm_amd64_fam10h(3) - support for AMD64 Family 10h processors
libpfm_amd64_fam15h(3) - support for AMD64 Family 15h processors
libpfm_amd64_fam16h(3) - support for AMD64 Family 16h processors
libpfm_amd64_fam17h(3) - support for AMD64 Family 17h processors
libpfm_amd64_k7(3) - support for AMD64 K7 processors
libpfm_amd64_k8(3) - support for AMD64 K8 processors
libpfm_arm_ac15(3) - support for Arm Cortex A15 PMU
libpfm_arm_ac53(3) - support for ARM Cortex A53 PMU
libpfm_arm_ac57(3) - support for Arm Cortex A57 PMU
libpfm_arm_ac7(3) - support for Arm Cortex A7 PMU
libpfm_arm_ac8(3) - support for ARM Cortex A8 PMU
libpfm_arm_ac9(3) - support for ARM Cortex A9 PMU
libpfm_arm_qcom_krait(3) - support for Qualcomm Krait PMU
libpfm_arm_xgene(3) - support for Applied Micro X-Gene PMU
libpfm_intel_atom(3) - support for Intel Atom processors
libpfm_intel_bdw(3) - support for Intel Broadwell core PMU
libpfm_intel_bdx_unc_cbo(3) - support for Intel Broadwell Server C-Box uncore PMU
libpfm_intel_bdx_unc_ha(3) - support for Intel Broadwell Server Home Agent (HA) uncore PMU
libpfm_intel_bdx_unc_imc(3) - support for Intel Broadwell Server Integrated Memory Controller (IMC) uncore PMU
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libpfm_intel_bdx_unc_pcu(3) - support for Intel Broadwell Server Power Controller Unit (PCU) uncore PMU
libpfm_intel_bdx_unc_qpi(3) - support for Intel Broadwell Server QPI uncore PMU
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libpfm_intel_bdx_unc_r3qpi(3) - support for Intel Broadwell Server R3QPI uncore PMU
libpfm_intel_bdx_unc_sbo(3) - support for Intel Broadwell Server S-Box uncore PMU
libpfm_intel_bdx_unc_ubo(3) - support for Intel Broadwell Server U-Box uncore PMU
libpfm_intel_core(3) - support for Intel Core-based processors
libpfm_intel_coreduo(3) - support for Intel Core Duo/Solo processors
libpfm_intel_glm(3) - support for Intel Goldmont core PMU
libpfm_intel_hsw(3) - support for Intel Haswell core PMU
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libpfm_intel_knc(3) - support for Intel Knights Corner
libpfm_intel_knl(3) - support for Intel Knights Landing core PMU
libpfm_intel_knm(3) - support for Intel Knights Mill core PMU
libpfm_intel_nhm(3) - support for Intel Nehalem core PMU
libpfm_intel_nhm_unc(3) -
libpfm_intel_p6(3) - support for Intel P5 based processors
libpfm_intel_rapl(3) - support for Intel RAPL PMU
libpfm_intel_skylake(3) - support for Intel Skylake core PMU
libpfm_intel_skx_unc_cha(3) - support for Intel Skylake X Server CHA-Box uncore PMU
libpfm_intel_skx_unc_iio(3) - support for Intel Skylake X Server IIO uncore PMU
libpfm_intel_skx_unc_imc(3) - support for Intel Skylake X Server Integrated Memory Controller (IMC) uncore PMU
libpfm_intel_skx_unc_irp(3) - support for Intel Broadwell Server IRP uncore PMU
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libpfm_intel_skx_unc_ubo(3) - support for Intel Skylake X Server U-Box uncore PMU

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[libpfm_intel_slm\(3\)](#) - support for Intel Silvermont core PMU
[libpfm_intel_snb\(3\)](#) - support for Intel Sandy Bridge core PMU
[libpfm_intel_snbep_unc_cbo\(3\)](#) - support for Intel Sandy Bridge-EP C-Box uncore PMU
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[pfm_get_event_info\(3\)](#) - get event information
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if_nametoindex(3p) - map a network interface name to its corresponding index
ilogb(3p) - return an unbiased exponent
imaxabs(3p) - return absolute value
imaxdiv(3p) - return quotient and remainder
inet_addr(3p) - IPv4 address manipulation
inet_ntop(3p) - convert IPv4 and IPv6 addresses between binary and text form
initstate(3p) - random number functions
insque(3p) - insert or remove an element in a queue
ioctl(3p) - control a STREAMS device (STREAMS)
isalnum(3p) - test for an alphanumeric character
isalpha(3p) - test for an alphabetic character
isascii(3p) - bit US-ASCII character
isastream(3p) - test a file descriptor (STREAMS)
isatty(3p) - test for a terminal device
isblank(3p) - test for a blank character
iscntrl(3p) - test for a control character
isdigit(3p) - test for a decimal digit
isfinite(3p) - test for finite value
isgraph(3p) - test for a visible character
isgreater(3p) - test if x greater than y
isgreaterequal(3p) - test if x is greater than or equal to y
isinf(3p) - test for infinity
isless(3p) - test if x is less than y
islessequal(3p) - test if x is less than or equal to y
islessgreater(3p) - test if x is less than or greater than y
islower(3p) - test for a lowercase letter
isnan(3p) - test for a NaN
isnormal(3p) - test for a normal value
isprint(3p) - test for a printable character
ispunct(3p) - test for a punctuation character
isspace(3p) - space character
isunordered(3p) - test if arguments are unordered
isupper(3p) - test for an uppercase letter
iswalnum(3p) - character code
iswalpha(3p) - character code
iswblank(3p) - character code
iswcntrl(3p) - character code
iswctype(3p) - test character for a specified class
iswdigit(3p) - character code
iswgraph(3p) - character code
iswlower(3p) - character code
iswprint(3p) - character code
iswpunct(3p) - character code
iswspace(3p) - space wide-character code
iswupper(3p) - character code
iswxdigit(3p) - character code

isxdigit(3p) - test for a hexadecimal digit
j0(3p) - Bessel functions of the first kind
jrand48(3p) - random long signed integer
kill(3p) - send a signal to a process or a group of processes
killpg(3p) - send a signal to a process group
l64a(3p) - bit integer to a radix-64 ASCII string
labs(3p) - return a long integer absolute value
lchown(3p) - change the owner and group of a symbolic link
lcong48(3p) - random signed long integer generator
ldexp(3p) - point number
ldiv(3p) - compute quotient and remainder of a long division
lfind(3p) - find entry in a linear search table
lgamma(3p) - log gamma function
link(3p) - link one file to another file relative to two directory file descriptors
lio_listio(3p) - list directed I/O
listen(3p) - listen for socket connections and limit the queue of incoming connections
llabs(3p) - return a long integer absolute value
lldiv(3p) - compute quotient and remainder of a long division
llrint(3p) - round to the nearest integer value using current rounding direction
llround(3p) - round to nearest integer value
localeconv(3p) - specific information
localtime(3p) - down local time
lockf(3p) - record locking on files
log10(3p) - base 10 logarithm function
log1p(3p) - compute a natural logarithm
log2(3p) - compute base 2 logarithm functions
log(3p) - natural logarithm function
logb(3p) - independent exponent
logf(3p) - natural logarithm function
longjmp(3p) - local goto
_longjmp(3p) - local goto
lrand48(3p) - random non-negative long integers
lrint(3p) - round to nearest integer value using current rounding direction
lround(3p) - round to nearest integer value
lsearch(3p) - linear search and update
lseek(3p) - move the read/write file offset
lstat(3p) - get file status
malloc(3p) - a memory allocator
mblen(3p) - get number of bytes in a character
mbrlen(3p) - get number of bytes in a character (restartable)
mbrtowc(3p) - character code (restartable)
mbsinit(3p) - determine conversion object status
mbsrtowcs(3p) - character string (restartable)
mbstowcs(3p) - character string
mbtowc(3p) - character code
memccpy(3p) - copy bytes in memory
memchr(3p) - find byte in memory
memcmp(3p) - compare bytes in memory
memcpy(3p) - copy bytes in memory
memmove(3p) - copy bytes in memory with overlapping areas
memset(3p) - set bytes in memory
mkdir(3p) - make a directory relative to directory file descriptor
mkdtemp(3p) - create a unique directory or file
mkfifo(3p) - make a FIFO special file relative to directory file descriptor
mknod(3p) - make directory, special file, or regular file
mkstemp(3p) - create a unique directory
mktime(3p) - down time into time since the Epoch
mlock(3p) - lock or unlock a range of process address space (REALTIME)
mlockall(3p) - lock/unlock the address space of a process (REALTIME)
mmap(3p) - map pages of memory
modf(3p) - point number
mprotect(3p) - set protection of memory mapping
mq_close(3p) - close a message queue (REALTIME)
mq_getattr(3p) - get message queue attributes (REALTIME)
mq_notify(3p) - notify process that a message is available (REALTIME)
mq_open(3p) - open a message queue (REALTIME)
mq_receive(3p) - receive a message from a message queue (REALTIME)
mq_send(3p) - send a message to a message queue (REALTIME)
mq_setattr(3p) - set message queue attributes (REALTIME)
mq_timedreceive(3p) - receive a message from a message queue (ADVANCED REALTIME)
mq_timedsend(3p) - send a message to a message queue (ADVANCED REALTIME)
mq_unlink(3p) - remove a message queue (REALTIME)
mrnd48(3p) - random signed long integers
msgctl(3p) - XSI message control operations
msgget(3p) - get the XSI message queue identifier
msgrcv(3p) - XSI message receive operation
msgsnd(3p) - XSI message send operation

msync(3p) - synchronize memory with physical storage
munlock(3p) - unlock a range of process address space
munlockall(3p) - unlock the address space of a process
munmap(3p) - unmap pages of memory
nan(3p) - return quiet NaN
nanosleep(3p) - high resolution sleep
nearbyint(3p) - point rounding functions
newlocale(3p) - create or modify a locale object
nextafter(3p) - point number
nftw(3p) - walk a file tree
nice(3p) - change the nice value of a process
nl_langinfo(3p) - language information
nrand48(3p) - random non-negative long integers
ntohl(3p) - convert values between host and network byte order
open(3p) - open file relative to directory file descriptor
openat(3p) - open file relative to directory file descriptor
opendir(3p) - open directory associated with file descriptor
openlog(3p) - open a connection to the logging facility
open_memstream(3p) - open a dynamic memory buffer stream
optarg(3p) - options parsing variables
pathconf(3p) - get configurable pathname variables
pause(3p) - suspend the thread until a signal is received
pclose(3p) - close a pipe stream to or from a process
perror(3p) - write error messages to standard error
pipe(3p) - create an interprocess channel
poll(3p) - input/output multiplexing
popen(3p) - initiate pipe streams to or from a process
posix_fadvise(3p) - file advisory information (ADVANCED REALTIME)
posix_fallocate(3p) - file space control (ADVANCED REALTIME)
posix_madvise(3p) - memory advisory information and alignment control (ADVANCED REALTIME)
posix_memalign(3p) - aligned memory allocation (ADVANCED REALTIME)
posix_mem_offset(3p) - find offset and length of a mapped typed memory block (ADVANCED REALTIME)
posix_openpt(3p) - terminal device
posix_spawn(3p) - spawn a process (ADVANCED REALTIME)
posix_spawnattr_destroy(3p) - destroy and initialize spawn attributes object (ADVANCED REALTIME)
posix_spawnattr_getflags(3p) - flags attribute of a spawn attributes object (ADVANCED REALTIME)
posix_spawnattr_getpgroup(3p) - pgroup attribute of a spawn attributes object (ADVANCED REALTIME)
posix_spawnattr_getschedparam(3p) - schedparam attribute of a spawn attributes object (ADVANCED REALTIME)
posix_spawnattr_getschedpolicy(3p) - schedpolicy attribute of a spawn attributes object (ADVANCED REALTIME)
posix_spawnattr_getsigdefault(3p) - sigdefault attribute of a spawn attributes object (ADVANCED REALTIME)
posix_spawnattr_getsigmask(3p) - sigmask attribute of a spawn attributes object (ADVANCED REALTIME)
posix_spawnattr_init(3p) - initialize the spawn attributes object (ADVANCED REALTIME)
posix_spawnattr_setflags(3p) - flags attribute of a spawn attributes object (ADVANCED REALTIME)
posix_spawnattr_setpgroup(3p) - pgroup attribute of a spawn attributes object (ADVANCED REALTIME)
posix_spawnattr_setschedparam(3p) - schedparam attribute of a spawn attributes object (ADVANCED REALTIME)
posix_spawnattr_setschedpolicy(3p) - schedpolicy attribute of a spawn attributes object (ADVANCED REALTIME)
posix_spawnattr_setsigdefault(3p) - sigdefault attribute of a spawn attributes object (ADVANCED REALTIME)
posix_spawnattr_setsigmask(3p) - sigmask attribute of a spawn attributes object (ADVANCED REALTIME)
posix_spawn_file_actions_addclose(3p) - add close or open action to spawn file actions object (ADVANCED REALTIME)
posix_spawn_file_actions_adddup2(3p) - add dup2 action to spawn file actions object (ADVANCED REALTIME)
posix_spawn_file_actions_addopen(3p) - add open action to spawn file actions object (ADVANCED REALTIME)
posix_spawn_file_actions_destroy(3p) - destroy and initialize spawn file actions object (ADVANCED REALTIME)
posix_spawnnp(3p) - spawn a process (ADVANCED REALTIME)
posix_trace_attr_destroy(3p) - destroy and initialize the trace stream attributes object (TRACING)
posix_trace_attr_getclockres(3p) - retrieve and set information about a trace stream (TRACING)
posix_trace_attr_getinherited(3p) - retrieve and set the behavior of a trace stream (TRACING)
posix_trace_attr_getlogsize(3p) - retrieve and set trace stream size attributes (TRACING)
posix_trace_attr_getname(3p) - retrieve and set information about a trace stream (TRACING)
posix_trace_attr_getstreamfullpolicy(3p) - retrieve and set the behavior of a trace stream (TRACING)
posix_trace_attr_getstreamsize(3p) - retrieve and set trace stream size attributes (TRACING)
posix_trace_attr_init(3p) - initialize the trace stream attributes object (TRACING)
posix_trace_attr_setinherited(3p) - retrieve and set the behavior of a trace stream (TRACING)
posix_trace_attr_setlogsize(3p) - retrieve and set trace stream size attributes (TRACING)
posix_trace_attr_setname(3p) - retrieve and set information about a trace stream (TRACING)
posix_trace_attr_setstreamfullpolicy(3p) - retrieve and set the behavior of a trace stream (TRACING)
posix_trace_attr_setstreamsize(3p) - retrieve and set trace stream size attributes (TRACING)
posix_trace_clear(3p) - clear trace stream and trace log (TRACING)
posix_trace_close(3p) - trace log management (TRACING)
posix_trace_create(3p) - trace stream initialization, flush, and shutdown from a process (TRACING)
posix_trace_event(3p) - trace functions for instrumenting application code (TRACING)
posix_trace_eventid_equal(3p) - manipulate the trace event type identifier (TRACING)
posix_trace_eventid_open(3p) - trace functions for instrumenting application code (TRACING)
posix_trace_eventset_add(3p) - manipulate trace event type sets (TRACING)
posix_trace_eventtypelist_getnext_id(3p) - iterate over a mapping of trace event types (TRACING)
posix_trace_flush(3p) - trace stream flush from a process (TRACING)
posix_trace_get_attr(3p) - retrieve the trace attributes or trace status (TRACING)
posix_trace_get_filter(3p) - retrieve and set the filter of an initialized trace stream (TRACING)

posix_trace_getnext_event(3p) - retrieve a trace event (TRACING)
posix_trace_get_status(3p) - retrieve the trace status (TRACING)
posix_trace_open(3p) - trace log management (TRACING)
posix_trace_set_filter(3p) - set filter of an initialized trace stream (TRACING)
posix_trace_shutdown(3p) - trace stream shutdown from a process (TRACING)
posix_trace_start(3p) - trace start and stop (TRACING)
posix_trace_timedgetnext_event(3p) - retrieve a trace event (TRACING)
posix_trace_trid_eventid_open(3p) - open a trace event type identifier (TRACING)
posix_trace_trygetnext_event(3p) - retrieve a trace event (TRACING)
posix_typed_mem_get_info(3p) - query typed memory information (ADVANCED REALTIME)
posix_typed_mem_open(3p) - open a typed memory object (ADVANCED REALTIME)
pow(3p) - power function
pread(3p) - read from a file
printf(3p) - print formatted output
pselect(3p) - synchronous I/O multiplexing
psiginfo(3p) - print signal information to standard error
pthread_atfork(3p) - register fork handlers
pthread_attr_destroy(3p) - destroy and initialize the thread attributes object
pthread_attr_getdetachstate(3p) - get and set the detachstate attribute
pthread_attr_getguardsize(3p) - get and set the thread guardsize attribute
pthread_attr_getinheritsched(3p) - get and set the inheritsched attribute (REALTIME THREADS)
pthread_attr_getschedparam(3p) - get and set the schedparam attribute
pthread_attr_getschedpolicy(3p) - get and set the schedpolicy attribute (REALTIME THREADS)
pthread_attr_getscope(3p) - get and set the contentionscope attribute (REALTIME THREADS)
pthread_attr_getstack(3p) - get and set stack attributes
pthread_attr_getstacksize(3p) - get and set the stacksize attribute
pthread_attr_init(3p) - initialize the thread attributes object
pthread_attr_setdetachstate(3p) - set the detachstate attribute
pthread_attr_setguardsize(3p) - set the thread guardsize attribute
pthread_attr_setinheritsched(3p) - set the inheritsched attribute (REALTIME THREADS)
pthread_attr_setschedparam(3p) - set the schedparam attribute
pthread_attr_setschedpolicy(3p) - set the schedpolicy attribute (REALTIME THREADS)
pthread_attr_setscope(3p) - set the contentionscope attribute (REALTIME THREADS)
pthread_attr_setstack(3p) - set the stack attribute
pthread_attr_setstacksize(3p) - set the stacksize attribute
pthread_barrierattr_destroy(3p) - destroy and initialize the barrier attributes object
pthread_barrierattr_getpshared(3p) - shared attribute of the barrier attributes object
pthread_barrierattr_init(3p) - initialize the barrier attributes object
pthread_barrierattr_setpshared(3p) - shared attribute of the barrier attributes object
pthread_barrier_destroy(3p) - destroy and initialize a barrier object
pthread_barrier_wait(3p) - synchronize at a barrier
pthread_cancel(3p) - cancel execution of a thread
pthread_cleanup_pop(3p) - establish cancellation handlers
pthread_condattr_destroy(3p) - destroy and initialize the condition variable attributes object
pthread_condattr_getclock(3p) - get and set the clock selection condition variable attribute
pthread_condattr_getpshared(3p) - shared condition variable attributes
pthread_condattr_init(3p) - initialize the condition variable attributes object
pthread_condattr_setclock(3p) - set the clock selection condition variable attribute
pthread_condattr_setpshared(3p) - shared condition variable attribute
pthread_cond_broadcast(3p) - broadcast or signal a condition
pthread_cond_destroy(3p) - destroy and initialize condition variables
pthread_cond_signal(3p) - signal a condition
pthread_cond_timedwait(3p) - wait on a condition
pthread_create(3p) - thread creation
pthread_detach(3p) - detach a thread
pthread_equal(3p) - compare thread IDs
pthread_exit(3p) - thread termination
pthread_getconcurrency(3p) - get and set the level of concurrency
pthread_getcpuclockid(3p) - time clock (ADVANCED REALTIME THREADS)
pthread_getschedparam(3p) - dynamic thread scheduling parameters access (REALTIME THREADS)
pthread_getspecific(3p) - specific data management
pthread_join(3p) - wait for thread termination
pthread_key_create(3p) - specific data key creation
pthread_key_delete(3p) - specific data key deletion
pthread_kill(3p) - send a signal to a thread
pthread_mutexattr_destroy(3p) - destroy and initialize the mutex attributes object
pthread_mutexattr_getprioceiling(3p) - get and set the prioceiling attribute of the mutex attributes object (REALTIME THRE
pthread_mutexattr_getprotocol(3p) - get and set the protocol attribute of the mutex attributes object (REALTIME THREADS)
pthread_mutexattr_getpshared(3p) - shared attribute
pthread_mutexattr_getrobust(3p) - get and set the mutex robust attribute
pthread_mutexattr_gettype(3p) - get and set the mutex type attribute
pthread_mutexattr_init(3p) - initialize the mutex attributes object
pthread_mutexattr_setprioceiling(3p) - set the prioceiling attribute of the mutex attributes object (REALTIME THREADS)
pthread_mutexattr_setprotocol(3p) - set the protocol attribute of the mutex attributes object (REALTIME THREADS)
pthread_mutexattr_setpshared(3p) - shared attribute
pthread_mutexattr_setrobust(3p) - get and set the mutex robust attribute
pthread_mutexattr_settype(3p) - set the mutex type attribute

pthread_mutex_consistent(3p) - mark state protected by robust mutex as consistent
pthread_mutex_destroy(3p) - destroy and initialize a mutex
pthread_mutex_getprioceiling(3p) - get and set the priority ceiling of a mutex (REALTIME THREADS)
pthread_mutex_init(3p) - destroy and initialize a mutex
pthread_mutex_lock(3p) - lock and unlock a mutex
pthread_mutex_setprioceiling(3p) - change the priority ceiling of a mutex (REALTIME THREADS)
pthread_mutex_timedlock(3p) - lock a mutex
pthread_mutex_trylock(3p) - lock and unlock a mutex
pthread_once(3p) - dynamic package initialization
pthread_rwlockattr_destroy(3p) - write lock attributes object
pthread_rwlockattr_getpshared(3p) - shared attribute of the read-write lock attributes object
pthread_rwlockattr_init(3p) - write lock attributes object
pthread_rwlockattr_setpshared(3p) - shared attribute of the read-write lock attributes object
pthread_rwlock_destroy(3p) - write lock object
pthread_rwlock_rdlock(3p) - write lock object for reading
pthread_rwlock_timedrdlock(3p) - write lock for reading
pthread_rwlock_timedwrlock(3p) - write lock for writing
pthread_rwlock_tryrdlock(3p) - write lock object for reading
pthread_rwlock_trywrlock(3p) - write lock object for writing
pthread_rwlock_unlock(3p) - write lock object
pthread_rwlock_wrlock(3p) - write lock object for writing
pthread_self(3p) - get the calling thread ID
pthread_setcancelstate(3p) - set cancelability state
pthread_setconcurrency(3p) - set the level of concurrency
pthread_setschedparam(3p) - dynamic thread scheduling parameters access (REALTIME THREADS)
pthread_setschedprio(3p) - dynamic thread scheduling parameters access (REALTIME THREADS)
pthread_setspecific(3p) - specific data management
pthread_sigmask(3p) - examine and change blocked signals
pthread_spin_destroy(3p) - destroy or initialize a spin lock object
pthread_spin_lock(3p) - lock a spin lock object
pthread_spin_unlock(3p) - unlock a spin lock object
pthread_testcancel(3p) - set cancelability state
ptsname(3p) - terminal device
putc(3p) - put a byte on a stream
putchar(3p) - put a byte on a stdout stream
putchar_unlocked(3p) - stdio with explicit client locking
putc_unlocked(3p) - stdio with explicit client locking
putenv(3p) - change or add a value to an environment
putmsg(3p) - send a message on a STREAM (STREAMS)
puts(3p) - put a string on standard output
pututxline(3p) - put an entry into the user accounting database
putwc(3p) - put a wide character on a stream
putwchar(3p) - put a wide character on a stdout stream
pwrite(3p) - write on a file
qsort(3p) - sort a table of data
raise(3p) - send a signal to the executing process
rand(3p) - random number generator
random(3p) - random number
read(3p) - read from a file
readdir(3p) - read a directory
readlink(3p) - read the contents of a symbolic link
readv(3p) - read a vector
realloc(3p) - memory reallocator
realpath(3p) - resolve a pathname
recv(3p) - receive a message from a connected socket
recvfrom(3p) - receive a message from a socket
recvmsg(3p) - receive a message from a socket
regcomp(3p) - regular expression matching
remainder(3p) - remainder function
remove(3p) - remove a file
remqueue(3p) - remove an element from a queue
remquo(3p) - remainder functions
rename(3p) - rename file relative to directory file descriptor
rewind(3p) - reset the file position indicator in a stream
rewinddir(3p) - reset the position of a directory stream to the beginning of a directory
rint(3p) - to-nearest integral value
rmdir(3p) - remove a directory
round(3p) - point format
scalbln(3p) - compute exponent using FLT_RADIX
scandir(3p) - scan a directory
scanf(3p) - convert formatted input
sched_getparam(3p) - get scheduling parameters (REALTIME)
sched_get_priority_max(3p) - get priority limits (REALTIME)
sched_getscheduler(3p) - get scheduling policy (REALTIME)
sched_rr_get_interval(3p) - get execution time limits (REALTIME)
sched_setparam(3p) - set scheduling parameters (REALTIME)
sched_setscheduler(3p) - set scheduling policy and parameters (REALTIME)

`sched_yield(3p)` - yield the processor
`seed48(3p)` - random non-negative long integer generator
`seekdir(3p)` - set the position of a directory stream
`select(3p)` - synchronous I/O multiplexing
`sem_close(3p)` - close a named semaphore
`semctl(3p)` - XSI semaphore control operations
`sem_destroy(3p)` - destroy an unnamed semaphore
`semget(3p)` - get set of XSI semaphores
`sem_getvalue(3p)` - get the value of a semaphore
`sem_init(3p)` - initialize an unnamed semaphore
`semop(3p)` - XSI semaphore operations
`sem_open(3p)` - initialize and open a named semaphore
`sem_post(3p)` - unlock a semaphore
`sem_timedwait(3p)` - lock a semaphore
`sem_trywait(3p)` - lock a semaphore
`sem_unlink(3p)` - remove a named semaphore
`sem_wait(3p)` - lock a semaphore
`send(3p)` - send a message on a socket
`sendmsg(3p)` - send a message on a socket using a message structure
`sendto(3p)` - send a message on a socket
`setbuf(3p)` - assign buffering to a stream
`setegid(3p)` - set the effective group ID
`setenv(3p)` - add or change environment variable
`seteuid(3p)` - set effective user ID
`setgid(3p)` - group-ID
`setgrent(3p)` - reset the group database to the first entry
`sethostent(3p)` - network host database functions
`setitimer(3p)` - set the value of an interval timer
`setjmp(3p)` - local goto
`setkey(3p)` - set encoding key (CRYPT)
`setlocale(3p)` - set program locale
`setlogmask(3p)` - set the log priority mask
`setnetent(3p)` - network database function
`setpgid(3p)` - set process group ID for job control
`setpgrp(3p)` - set the process group ID
`setpriority(3p)` - set the nice value
`setprotoent(3p)` - network protocol database functions
`setpwent(3p)` - user database function
`setregid(3p)` - set real and effective group IDs
`setreuid(3p)` - set real and effective user IDs
`setrlimit(3p)` - control maximum resource consumption
`setservent(3p)` - network services database functions
`setsid(3p)` - create session and set process group ID
`setsockopt(3p)` - set the socket options
`setstate(3p)` - random number generator state arrays
`setuid(3p)` - set user ID
`setutxent(3p)` - reset the user accounting database to the first entry
`setvbuf(3p)` - assign buffering to a stream
`shmatt(3p)` - XSI shared memory attach operation
`shmctl(3p)` - XSI shared memory control operations
`shmdt(3p)` - XSI shared memory detach operation
`shmget(3p)` - get an XSI shared memory segment
`shm_open(3p)` - open a shared memory object (REALTIME)
`shm_unlink(3p)` - remove a shared memory object (REALTIME)
`shutdown(3p)` - shut down socket send and receive operations
`sigaction(3p)` - examine and change a signal action
`sigaddset(3p)` - add a signal to a signal set
`sigaltstack(3p)` - set and get signal alternate stack context
`sigdelset(3p)` - delete a signal from a signal set
`sigemptyset(3p)` - initialize and empty a signal set
`sigfillset(3p)` - initialize and fill a signal set
`sighold(3p)` - signal management
`siginterrupt(3p)` - allow signals to interrupt functions
`sigismember(3p)` - test for a signal in a signal set
`siglongjmp(3p)` - local goto with signal handling
`signal(3p)` - signal management
`signbit(3p)` - test sign
`siggam(3p)` - log gamma function
`sigpause(3p)` - remove a signal from the signal mask and suspend the thread
`sigpending(3p)` - examine pending signals
`sigprocmask(3p)` - examine and change blocked signals
`sigqueue(3p)` - queue a signal to a process
`sigrelse(3p)` - signal management
`sigsetjmp(3p)` - local goto
`sigsuspend(3p)` - wait for a signal
`sigtimedwait(3p)` - wait for queued signals
`sigwait(3p)` - wait for queued signals

sigwaitinfo(3p) - wait for queued signals
sin(3p) - sine function
sinh(3p) - hyperbolic sine functions
sinl(3p) - sine function
sleep(3p) - suspend execution for an interval of time
snprintf(3p) - print formatted output
socketmark(3p) - of-band mark
socket(3p) - create an endpoint for communication
socketpair(3p) - create a pair of connected sockets
sprintf(3p) - print formatted output
sqrt(3p) - square root function
srand(3p) - random number generator
srand48(3p) - precision pseudo-random number generator
srandom(3p) - random number generator
sscanf(3p) - convert formatted input
stat(3p) - get file status
statvfs(3p) - get file system information
stdin(3p) - standard I/O streams
stpcpy(3p) - copy a string and return a pointer to the end of the result
stpncpy(3p) - copy fixed length string, returning a pointer to the array end
strcascmp(3p) - insensitive string comparisons
strcat(3p) - concatenate two strings
strchr(3p) - string scanning operation
strcmp(3p) - compare two strings
strcoll(3p) - string comparison using collating information
strcpy(3p) - copy a string and return a pointer to the end of the result
strcspn(3p) - get the length of a complementary substring
strdup(3p) - duplicate a specific number of bytes from a string
strerror(3p) - get error message string
strfmon(3p) - convert monetary value to a string
strftime(3p) - convert date and time to a string
strlen(3p) - get length of fixed size string
strncascmp(3p) - insensitive string comparisons
strncat(3p) - concatenate a string with part of another
strncmp(3p) - compare part of two strings
strncpy(3p) - copy fixed length string, returning a pointer to the array end
strndup(3p) - duplicate a specific number of bytes from a string
strnlen(3p) - get length of fixed size string
strpbrk(3p) - scan a string for a byte
strptime(3p) - date and time conversion
strrchr(3p) - string scanning operation
strsignal(3p) - get name of signal
strspn(3p) - get length of a substring
strstr(3p) - find a substring
strtod(3p) - precision number
strtoimax(3p) - convert string to integer type
strtok(3p) - split string into tokens
strtol(3p) - convert a string to a long integer
strtold(3p) - precision number
strtoll(3p) - convert a string to a long integer
strtoul(3p) - convert a string to an unsigned long
strtoumax(3p) - convert a string to an integer type
strxfrm(3p) - string transformation
swab(3p) - swap bytes
swprintf(3p) - character output
swscanf(3p) - character input
symlink(3p) - make a symbolic link relative to directory file descriptor
sync(3p) - schedule file system updates
sysconf(3p) - get configurable system variables
syslog(3p) - log a message
system(3p) - issue a command
tan(3p) - tangent function
tanh(3p) - hyperbolic tangent functions
tanl(3p) - tangent function
tcdrain(3p) - wait for transmission of output
tcflow(3p) - suspend or restart the transmission or reception of data
tcflush(3p) - transmitted output data, non-read input data, or both
tcgetattr(3p) - get the parameters associated with the terminal
tcgetpgrp(3p) - get the foreground process group ID
tcgetsid(3p) - get the process group ID for the session leader for the controlling terminal
tcsendbreak(3p) - send a break for a specific duration
tcsetattr(3p) - set the parameters associated with the terminal
tcsetpgrp(3p) - set the foreground process group ID
tdelete(3p) - manage a binary search tree
telldir(3p) - current location of a named directory stream
tempnam(3p) - create a name for a temporary file
tfind(3p) - search binary search tree

tgamma(3p) - compute gamma() function
time(3p) - get time
timer_create(3p) - process timer
timer_delete(3p) - process timer
timer_getoverrun(3p) - process timers
times(3p) - for child process times
timezone(3p) - difference from UTC and local standard time
tmpfile(3p) - create a temporary file
tmpnam(3p) - create a name for a temporary file
toascii(3p) - bit ASCII character
tolower(3p) - transliterate uppercase characters to lowercase
_tolower(3p) - transliterate uppercase characters to lowercase
toupper(3p) - transliterate lowercase characters to uppercase
_toupper(3p) - transliterate lowercase characters to uppercase
towctrans(3p) - character transliteration
towlower(3p) - character code to lowercase
towupper(3p) - character code to uppercase
trunc(3p) - round to truncated integer value
truncate(3p) - truncate a file to a specified length
truncf(3p) - round to truncated integer value
tsearch(3p) - search a binary search tree
ttyname(3p) - find the pathname of a terminal
twalk(3p) - traverse a binary search tree
tzset(3p) - set timezone conversion information
ulimit(3p) - get and set process limits
umask(3p) - set and get the file mode creation mask
uname(3p) - get the name of the current system
ungetc(3p) - push byte back into input stream
ungetwc(3p) - character code back into the input stream
unlink(3p) - remove a directory entry relative to directory file descriptor
unlockpt(3p) - terminal master/slave pair
unsetenv(3p) - remove an environment variable
uselocale(3p) - use locale in current thread
utime(3p) - set file access and modification times
utimensat(3p) - set file access and modification times relative to directory file descriptor
va_arg(3p) - handle variable argument list
vfprintf(3p) - format output of a stdarg argument list
vfprintf(3p) - format input of a stdarg argument list
vfwprintf(3p) - character formatted output of a stdarg argument list
vfwscanf(3p) - character formatted input of a stdarg argument list
vprintf(3p) - format the output of a stdarg argument list
vscanf(3p) - format input of a stdarg argument list
vsprintf(3p) - format output of a stdarg argument list
vsscanf(3p) - format input of a stdarg argument list
vswprintf(3p) - character formatted output of a stdarg argument list
vswscanf(3p) - character formatted input of a stdarg argument list
vwprintf(3p) - character formatted output of a stdarg argument list
vwscanf(3p) - character formatted input of a stdarg argument list
wait(3p) - wait for a child process to stop or terminate
waitid(3p) - wait for a child process to change state
waitpid(3p) - wait for a child process to stop or terminate
wcpncpy(3p) - character string, returning a pointer to its end
wcpncpy(3p) - size wide-character string, returning a pointer to its end
wcrtoomb(3p) - character code to a character (restartable)
wcscasecmp(3p) - insensitive wide-character string comparison
wcscat(3p) - character strings
wcschr(3p) - character string scanning operation
wcscmp(3p) - character strings
wcscoll(3p) - character string comparison using collating information
wcscpy(3p) - character string, returning a pointer to its end
wcscspn(3p) - get the length of a complementary wide substring
wcsdup(3p) - character string
wcsftime(3p) - character string
wcslen(3p) - sized wide-character string
wcsncasecmp(3p) - insensitive wide-character string comparison
wcsncat(3p) - character string with part of another
wcsncmp(3p) - character strings
wcsncpy(3p) - size wide-character string, returning a pointer to its end
wcsnlen(3p) - sized wide-character string
wcsnrtombs(3p) - character string to multi-byte string
wcsprbrk(3p) - character string for a wide-character code
wcsrchr(3p) - character string scanning operation
wcsrtombs(3p) - character string to a character string (restartable)
wcsspncpy(3p) - get the length of a wide substring
wcstr(3p) - character substring
wcstod(3p) - character string to a double-precision number
wcstol(3p) - character string to an integer type

`wcstok(3p)` - character string into tokens
`wcstol(3p)` - character string to a long integer
`wcstold(3p)` - character string to a double-precision number
`wcstoll(3p)` - character string to a long integer
`wcstombs(3p)` - character string to a character string
`wcstoul(3p)` - character string to an unsigned long
`wcstoumax(3p)` - character string to an integer type
`wcswidth(3p)` - character string
`wcsxfrm(3p)` - character string transformation
`wctob(3p)` - character to single-byte conversion
`wctomb(3p)` - character code to a character
`wctrans(3p)` - define character mapping
`wctype(3p)` - define character class
`wcwidth(3p)` - character code
`wmemchr(3p)` - find a wide character in memory
`wmemcmp(3p)` - compare wide characters in memory
`wmemcpy(3p)` - copy wide characters in memory
`wmemmove(3p)` - copy wide characters in memory with overlapping areas
`wmemset(3p)` - set wide characters in memory
`wordexp(3p)` - perform word expansions
`wprintf(3p)` - character output
`write(3p)` - write on a file
`writew(3p)` - write a vector
`wscanf(3p)` - character input
`y0(3p)` - Bessel functions of the second kind

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prelink (prelink ELF shared libraries and binaries)

`execstack(8)` - tool to set, clear, or query executable stack flag of ELF binaries and shared libraries
`prelink(8)` - prelink ELF shared libraries and binaries to speed up startup time

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procs-ng (/proc filesystem utilities)

`free(1)` - Display amount of free and used memory in the system
`kill(1)` - send a signal to a process
`pgrep(1)` - look up or signal processes based on name and other attributes
`pidof(1)` - find the process ID of a running program.
`pgrep(1)` - look up or signal processes based on name and other attributes
`pmap(1)` - report memory map of a process
`procp(1)` - report a snapshot of the current processes.
`ps(1)` - report a snapshot of the current processes.
`pwdx(1)` - report current working directory of a process
`skill(1)` - send a signal or report process status
`slabtop(1)` - display kernel slab cache information in real time
`snice(1)` - send a signal or report process status
`tload(1)` - graphic representation of system load average
`top(1)` - display Linux processes
`uptime(1)` - Tell how long the system has been running.
`w(1)` - Show who is logged on and what they are doing.
`watch(1)` - execute a program periodically, showing output fullscreen

`sysctl.conf(5)` - sysctl preload/configuration file

`sysctl(8)` - configure kernel parameters at runtime
`vmstat(8)` - Report virtual memory statistics

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psacct (process accounting utilities)

`ac(1)` - print statistics about users' connect time
`last(1)` - list logins on the system
`lastcomm(1)` - print out information about previously executed commands.

`accton(8)` - turns process accounting on or off
`dump-acct(8)` - print an acct/pacct file in human-readable format
`dump-utmp(8)` - print a utmp file in human-readable format
`sa(8)` - summarizes accounting information

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psmisc (Small utilities that use the /proc filesystem)

`fuser(1)` - identify processes using files or sockets
`killall(1)` - kill processes by name
`peekfd(1)` - peek at file descriptors of running processes
`prtstat(1)` - print statistics of a process
`pslog(1)` - report current logs path of a process
`pstree(1)` - display a tree of processes

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pvc (Pipe Viewer)

`pvc(1)` - monitor the progress of data through a pipe

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quilt (tool to manage series of patches)

`guards(1)` - select from a list of files guarded by conditions
`quilt(1)` - tool to manage series of patches

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quota (Linux Diskquota Tools)

`quota(1)` - display disk usage and limits
`quotasync(1)` - synchronize in-kernel file system usage and limits to disk format

`rquota(3)` - implement quotas on remote machines

`quotagrpadmins(5)` - users responsible for group disk usage
`quotatab(5)` - Descriptions of devices with disk quotas
`warnquota.conf(5)` - configuration for warnquota

`convertquota(8)` - convert quota from old file format to new one
`edquota(8)` - edit user quotas
`quot(8)` - summarize filesystem ownership
`quotacheck(8)` - scan a filesystem for disk usage, create, check and repair quota files
`quota_nld(8)` - quota netlink message daemon
`quotaon(8)` - turn filesystem quotas on and off
`quotastats(8)` - Program to query quota statistics
`repquota(8)` - summarize quotas for a filesystem
`rpc.rquotad(8)` - remote quota server
`setquota(8)` - set disk quotas

warnquota(8) - send mail to users over quota
xqmstats(8) - Display XFS quota manager statistics from /proc

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rdma-core (RDMA Core Userspace Libraries and Daemons)

cmtime(1) - RDMA CM connection steps timing test.
ibacm(1) - address and route resolution services for InfiniBand.
ib_acme(1) - test and configuration utility for the IB ACM
ibsrpdm(1) - Discover SRP targets on an InfiniBand Fabric
ibv_asyncwatch(1) - display asynchronous events
ibv_devices(1) - list RDMA devices
ibv_devinfo(1) - query RDMA devices
ibv_rc_pingpong(1) - simple InfiniBand RC transport test
ibv_srq_pingpong(1) - simple InfiniBand shared receive queue test
ibv_uc_pingpong(1) - simple InfiniBand UC transport test
ibv_ud_pingpong(1) - simple InfiniBand UD transport test
ibv_xsrq_pingpong(1) - simple InfiniBand shared receive queue test
mkey(1) - RDMA CM multicast setup and simple data transfer test.
rcopy(1) - simple file copy over RDMA.
rdma_client(1) - simple RDMA CM connection and ping-pong test.
rdma_server(1) - simple RDMA CM connection and ping-pong test.
rdma_xclient(1) - RDMA CM communication client test program
rdma_xserver(1) - RDMA CM communication server test program
riostream(1) - zero-copy streaming over RDMA ping-pong test.
rping(1) - RDMA CM connection and RDMA ping-pong test.
rstream(1) - streaming over RDMA ping-pong test.
ucmatose(1) - RDMA CM connection and simple ping-pong test.
udaddy(1) - RDMA CM datagram setup and simple ping-pong test.
udp(1) - unreliable datagram streaming over RDMA ping-pong test.

ibv_alloc_dm(3) - allocate or free a device memory buffer (DMs) and perform memory copy to or from it
ibv_alloc_mw(3) - allocate or deallocate a memory window (MW)
ibv_alloc_parent_domain(3) - allocate and deallocate the parent domain object
ibv_alloc_pd(3) - allocate or deallocate a protection domain (PDs)
ibv_alloc_td(3) - allocate and deallocate thread domain object
ibv_bind_mw(3) - post a request to bind a type 1 memory window to a memory region
ibv_create_ah(3) - create or destroy an address handle (AH)
ibv_create_ah_from_wc(3) - initialize or create an address handle (AH) from a work completion
ibv_create_comp_channel(3) - create or destroy a completion event channel
ibv_create_cq(3) - create or destroy a completion queue (CQ)
ibv_create_cq_ex(3) - create a completion queue (CQ)
ibv_create_flow(3) - create or destroy flow steering rules
ibv_create_qp(3) - create or destroy a queue pair (QP)
ibv_create_qp_ex(3) - create or destroy a queue pair (QP)
ibv_create_rwq_ind_table(3) - create or destroy a Receive Work Queue Indirection Table (RWQ IND TBL).
ibv_create_srq(3) - create or destroy a shared receive queue (SRQ)
ibv_create_srq_ex(3) - create or destroy a shared receive queue (SRQ)
ibv_create_wq(3) - create or destroy a Work Queue (WQ).
ibv_get_async_event(3) - get or acknowledge asynchronous events
ibv_get_cq_event(3) - get and acknowledge completion queue (CQ) events
ibv_modify_cq(3) - modify a completion queue (CQ)
ibv_modify_qp(3) - modify the attributes of a queue pair (QP)
ibv_modify_qp_rate_limit(3) - modify the send rate limits attributes of a queue pair (QP)
ibv_modify_srq(3) - modify attributes of a shared receive queue (SRQ)
ibv_modify_wq(3) - Modify a Work Queue (WQ).
ibv_open_device(3) - open and close an RDMA device context
ibv_open_qp(3) - open a shareable queue pair (QP)
ibv_open_xrpd(3) - open or close an XRC protection domain (XRCs)
ibv_poll_cq(3) - poll a completion queue (CQ)
ibv_post_recv(3) - post a list of work requests (WRs) to a receive queue
ibv_post_send(3) - post a list of work requests (WRs) to a send queue
ibv_post_srq_ops(3) - perform on a special shared receive queue (SRQ) configuration manipulations
ibv_post_srq_recv(3) - post a list of work requests (WRs) to a shared receive queue (SRQ)
ibv_query_device(3) - query an RDMA device's attributes
ibv_query_device_ex(3) - query an RDMA device's attributes
ibv_query_port(3) - query an RDMA port's attributes
ibv_query_qp(3) - get the attributes of a queue pair (QP)
ibv_query_rt_values_ex(3) - query an RDMA device for some real time values
ibv_query_srq(3) - get the attributes of a shared receive queue (SRQ)
ibv_reg_mr(3) - register or deregister a memory region (MR)

mlx4dv_init_obj(3) - Initialize mlx4 direct verbs object from ibv_xxx structures
mlx4dv_query_device(3) - Query device capabilities specific to mlx4
mlx5dv_get_clock_info(3) - Get device clock information
mlx5dv_init_obj(3) - Initialize mlx5 direct verbs object from ibv_xxx structures
mlx5dv_query_device(3) - Query device capabilities specific to mlx5
mlx5dv_ts_to_ns(3) - Convert device timestamp from HCA core clock units to the corresponding nanosecond counts
rdma_accept(3) - Called to accept a connection request.
rdma_ack_cm_event(3) - Free a communication event.
rdma_bind_addr(3) - Bind an RDMA identifier to a source address.
rdma_connect(3) - Initiate an active connection request.
rdma_create_ep(3) - Allocate a communication identifier and optional QP.
rdma_create_event_channel(3) - Open a channel used to report communication events.
rdma_create_id(3) - Allocate a communication identifier.
rdma_create_qp(3) - Allocate a QP.
rdma_create_srq(3) - Allocate a shared receive queue.
rdma_dereg_mr(3) - deregisters a registered memory region.
rdma_destroy_ep(3) - Release a communication identifier.
rdma_destroy_event_channel(3) - Close an event communication channel.
rdma_destroy_id(3) - Release a communication identifier.
rdma_destroy_qp(3) - Deallocate a QP.
rdma_destroy_srq(3) - Deallocate a SRQ.
rdma_disconnect(3) - This function disconnects a connection.
rdma_event_str(3) - Returns a string representation of an rdma cm event.
rdma_free_devices(3) - Frees the list of devices returned by rdma_get_devices.
rdma_getaddrinfo(3) - Provides transport independent address translation.
rdma_get_cm_event(3) - Retrieves the next pending communication event.
rdma_get_devices(3) - Get a list of RDMA devices currently available.
rdma_get_dst_port(3) - Returns the remote port number of a bound rdma_cm_id.
rdma_get_local_addr(3) - Returns the local IP address of a bound rdma_cm_id.
rdma_get_peer_addr(3) - Returns the remote IP address of a bound rdma_cm_id.
rdma_get_recv_comp(3) - retrieves a completed receive request.
rdma_get_request(3) - Retrieves the next pending connection request event.
rdma_get_send_comp(3) - retrieves a completed send, read, or write request.
rdma_get_src_port(3) - Returns the local port number of a bound rdma_cm_id.
rdma_join_multicast(3) - Joins a multicast group.
rdma_join_multicast_ex(3) - Joins a multicast group with extended options.
rdma_leave_multicast(3) - Leaves a multicast group.
rdma_listen(3) - Listen for incoming connection requests.
rdma_migrate_id(3) - Move a communication identifier to a different event channel.
rdma_notify(3) - Notifies the librdmacm of an asynchronous event.
rdma_post_read(3) - post an RDMA read work request.
rdma_post_readv(3) - post an RDMA read work request.
rdma_post_recv(3) - post a work request to receive an incoming message.
rdma_post_recv(3) - post a work request to receive incoming messages.
rdma_post_send(3) - post a work request to send a message.
rdma_post_sendv(3) - post a work request to send a message.
rdma_post_ud_send(3) - post a work request to send a datagram.
rdma_post_write(3) - post an RDMA write work request.
rdma_post_writev(3) - post an RDMA write work request.
rdma_reg_msgs(3) - register data buffer(s) for sending or receiving messages.
rdma_reg_read(3) - register data buffer(s) for remote RDMA read access.
rdma_reg_write(3) - register data buffer(s) for remote RDMA write access.
rdma_reject(3) - Called to reject a connection request.
rdma_resolve_addr(3) - Resolve destination and optional source addresses.
rdma_resolve_route(3) - Resolve the route information needed to establish a connection.
rdma_set_option(3) - Set communication options for an rdma_cm_id.
umad_addr_dump(3) - dump addr structure to stderr
umad_alloc(3) - allocate memory for umad buffers
umad_class_str(3) - class of functions to return string representations of enums
umad_close_port(3) - close InfiniBand device port for umad access
umad_debug(3) - set debug level
umad_dump(3) - dump umad buffer to stderr
umad_free(3) - frees memory of umad buffers
umad_get_ca(3) - get and release InfiniBand device port attributes
umad_get_ca_portguids(3) - get the InfiniBand device ports GUIDs
umad_get_cas_names(3) - get list of available InfiniBand device names
umad_get_fd(3) - get the umad fd for the requested port
umad_get_issm_path(3) - get path of issm device
umad_get_mad(3) - get the MAD pointer of a umad buffer
umad_get_mad_addr(3) - get the address of the ib_mad_addr from a umad buffer
umad_get_pkey(3) - get pkey index from umad buffer
umad_get_port(3) - open and close an InfiniBand port
umad_open_port(3) - open InfiniBand device port for umad access
umad_poll(3) - poll umad
umad_recv(3) - receive umad
umad_register2(3) - register the specified management class and version for port
umad_register(3) - register the specified management class and version for port


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umad_register_oui(3) - register the specified class in vendor range 2 for port
umad_send(3) - send umad
umad_set_addr(3) - set MAD address fields within umad buffer using host ordering
umad_set_addr_net(3) - set MAD address fields within umad buffer using network ordering
umad_set_grh(3) - set GRH fields within umad buffer using host ordering
umad_set_grh_net(3) - set GRH fields within umad buffer using network ordering
umad_set_pkey(3) - set pkey index within umad buffer
umad_size(3) - get the size of umad buffer
umad_status(3) - get the status of a umad buffer
umad_unregister(3) - unregister umad agent

srp_daemon_port@.service(5) - srp_daemon_port@ systemd service that controls a single port
srp_daemon.service(5) - srp_daemon systemd service that controls all ports

ibacm(7) - InfiniBand communication management assistant
mlx4dv(7) - Direct verbs for mlx4 devices
mlx5dv(7) - Direct verbs for mlx5 devices
rdma_cm(7) - RDMA communication manager.
rxe(7) - Software RDMA over Ethernet

rxe_cfg(8) - rxe configuration tool for RXE (Soft RoCE)
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history(3) - GNU History Library
readline(3) - get a line from a user with editing
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rpcbind(8) - universal addresses to RPC program number mapper
rpcinfo(8) - report RPC information
```

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- rsync(1)** - a fast, versatile, remote (and local) file-copying tool
- rsyncd.conf(5)** - configuration file for rsync in daemon mode

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rsyslog.conf(5) - rsyslogd(8) configuration file
rsyslogd(8) - reliable and extended syslogd
```

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screen (screen manager)

[screen\(1\)](#) - screen manager with VT100/ANSI terminal emulation

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sed (stream-oriented editor)

[sed\(1\)](#) - stream editor for filtering and transforming text

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selinux (Security-Enhanced Linux user-space libraries and tools)

[audit2allow\(1\)](#) - generate SELinux policy allow/dontaudit rules from logs of denied operations
[audit2why\(1\)](#) - generate SELinux policy allow/dontaudit rules from logs of denied operations
[libselinux.so\(1\)](#) -
[libsemanage.so\(1\)](#) -
[libsepol.so\(1\)](#) -
[newrole\(1\)](#) - run a shell with a new SELinux role
[secon\(1\)](#) - See an SELinux context, from a file, program or user input.

[avc_add_callback\(3\)](#) - additional event notification for SELinux userspace object managers
[avc_audit\(3\)](#) - obtain and audit SELinux access decisions
[avc_av_stats\(3\)](#) - obtain userspace SELinux AVC statistics
[avc_cache_stats\(3\)](#) - obtain userspace SELinux AVC statistics
[avc_cleanup\(3\)](#) - userspace SELinux AVC setup and teardown
[avc_compute_create\(3\)](#) - obtain SELinux label for new object
[avc_compute_member\(3\)](#) - obtain SELinux label for new object
[avc_context_to_sid\(3\)](#) - obtain and manipulate SELinux security ID's
[avc_destroy\(3\)](#) - userspace SELinux AVC setup and teardown
[avc_entry_ref_init\(3\)](#) - obtain and audit SELinux access decisions
[avc_get_initial_context\(3\)](#) - obtain and manipulate SELinux security ID's
[avc_get_initial_sid\(3\)](#) - obtain and manipulate SELinux security ID's
[avc_has_perm\(3\)](#) - obtain and audit SELinux access decisions
[avc_has_perm_noaudit\(3\)](#) - obtain and audit SELinux access decisions
[avc_init\(3\)](#) - legacy userspace SELinux AVC setup
[avc_netlink_acquire_fd\(3\)](#) - SELinux netlink processing
[avc_netlink_check_nb\(3\)](#) - SELinux netlink processing
[avc_netlink_close\(3\)](#) - SELinux netlink processing
[avc_netlink_loop\(3\)](#) - SELinux netlink processing
[avc_netlink_open\(3\)](#) - SELinux netlink processing
[avc_netlink_release_fd\(3\)](#) - SELinux netlink processing
[avc_open\(3\)](#) - userspace SELinux AVC setup and teardown
[avc_reset\(3\)](#) - userspace SELinux AVC setup and teardown
[avc_sid_stats\(3\)](#) - obtain userspace SELinux AVC statistics
[avc_sid_to_context\(3\)](#) - obtain and manipulate SELinux security ID's
[checkPasswdAccess\(3\)](#) - query the SELinux policy database in the kernel
[context_free\(3\)](#) - Routines to manipulate SELinux security contexts
[context_new\(3\)](#) - Routines to manipulate SELinux security contexts
[context_range_get\(3\)](#) - Routines to manipulate SELinux security contexts
[context_range_set\(3\)](#) - Routines to manipulate SELinux security contexts
[context_role_get\(3\)](#) - Routines to manipulate SELinux security contexts
[context_role_set\(3\)](#) - Routines to manipulate SELinux security contexts
[context_type_get\(3\)](#) - Routines to manipulate SELinux security contexts
[context_type_set\(3\)](#) - Routines to manipulate SELinux security contexts
[context_user_get\(3\)](#) - Routines to manipulate SELinux security contexts
[context_user_set\(3\)](#) - Routines to manipulate SELinux security contexts
[fgetfilecon\(3\)](#) - get SELinux security context of a file
[fgetfilecon_raw\(3\)](#) - get SELinux security context of a file
[fini_selinuxmnt\(3\)](#) - initialize the global variable selinux_mnt
[freecon\(3\)](#) - get SELinux security context of a process
[freeconary\(3\)](#) - get SELinux security context of a process
[fsetfilecon\(3\)](#) - set SELinux security context of a file

fsetfilecon_raw(3) - set SELinux security context of a file
 getcon(3) - get SELinux security context of a process
 getcon_raw(3) - get SELinux security context of a process
 get_default_context(3) - determine SELinux context(s) for user sessions
 get_default_context_with_level(3) - determine SELinux context(s) for user sessions
 get_default_context_with_role(3) - determine SELinux context(s) for user sessions
 get_default_context_with_rolelevel(3) - determine SELinux context(s) for user sessions
 get_default_type(3) - determine SELinux context(s) for user sessions
 getexeccon(3) - get or set the SELinux security context used for executing a new process
 getexeccon_raw(3) - get or set the SELinux security context used for executing a new process
 getfilecon(3) - get SELinux security context of a file
 getfilecon_raw(3) - get SELinux security context of a file
 getfscreatecon(3) - get or set the SELinux security context used for creating a new file system object
 getfscreatecon_raw(3) - get or set the SELinux security context used for creating a new file system object
 getkeycreatecon(3) - get or set the SELinux security context used for creating a new kernel keyrings
 getkeycreatecon_raw(3) - get or set the SELinux security context used for creating a new kernel keyrings
 get_ordered_context_list(3) - determine SELinux context(s) for user sessions
 get_ordered_context_list_with_level(3) - determine SELinux context(s) for user sessions
 getpeercon(3) - get SELinux security context of a process
 getpeercon_raw(3) - get SELinux security context of a process
 getpidcon(3) - get SELinux security context of a process
 getpidcon_raw(3) - get SELinux security context of a process
 getprevcon(3) - get SELinux security context of a process
 getprevcon_raw(3) - get SELinux security context of a process
 getseuserbyname(3) - get SELinux username and level for a given Linux username
 getsockcreatecon(3) - get or set the SELinux security context used for creating a new labeled sockets
 getsockcreatecon_raw(3) - get or set the SELinux security context used for creating a new labeled sockets
 init_selinuxmnt(3) - initialize the global variable selinux_mnt
 is_context_customizable(3) - check whether SELinux context type is customizable by the administrator
 is_selinux_enabled(3) - check whether SELinux is enabled
 is_selinux_mls_enabled(3) - check whether SELinux is enabled
 lgetfilecon(3) - get SELinux security context of a file
 lgetfilecon_raw(3) - get SELinux security context of a file
 lsetfilecon(3) - set SELinux security context of a file
 lsetfilecon_raw(3) - set SELinux security context of a file
 manual_user_enter_context(3) - determine SELinux context(s) for user sessions
 matchmediacon(3) - get the default SELinux security context for the specified mediatype from the policy
 matchpathcon(3) - get the default SELinux security context for the specified path from the file contexts configuration
 matchpathcon_checkmatches(3) - check and report whether any specification index has no matches with any inode. Maintenance
 matchpathcon_filespec_add(3) - check and report whether any specification index has no matches with any inode. Maintenance
 matchpathcon_filespec_destroy(3) - check and report whether any specification index has no matches with any inode. Maintenance
 matchpathcon_filespec_eval(3) - check and report whether any specification index has no matches with any inode. Maintenance
 matchpathcon_fini(3) - get the default SELinux security context for the specified path from the file contexts configuration
 matchpathcon_index(3) - get the default SELinux security context for the specified path from the file contexts configuration
 matchpathcon_init(3) - get the default SELinux security context for the specified path from the file contexts configuration
 mode_to_security_class(3) - display an access vector in human-readable form.
 print_access_vector(3) - display an access vector in human-readable form.
 query_user_context(3) - determine SELinux context(s) for user sessions
 rpm_execon(3) - get or set the SELinux security context used for executing a new process
 security_av_perm_to_string(3) - display an access vector in human-readable form.
 security_av_string(3) - display an access vector in human-readable form.
 security_check_context(3) - check the validity of a SELinux context
 security_check_context_raw(3) - check the validity of a SELinux context
 security_class_to_string(3) - display an access vector in human-readable form.
 security_commit_booleans(3) - routines for manipulating SELinux boolean values
 security_compute_av(3) - query the SELinux policy database in the kernel
 security_compute_av_flags(3) - query the SELinux policy database in the kernel
 security_compute_av_flags_raw(3) - query the SELinux policy database in the kernel
 security_compute_av_raw(3) - query the SELinux policy database in the kernel
 security_compute_create(3) - query the SELinux policy database in the kernel
 security_compute_create_name(3) - query the SELinux policy database in the kernel
 security_compute_create_name_raw(3) - query the SELinux policy database in the kernel
 security_compute_create_raw(3) - query the SELinux policy database in the kernel
 security_compute_member(3) - query the SELinux policy database in the kernel
 security_compute_member_raw(3) - query the SELinux policy database in the kernel
 security_compute_relabel(3) - query the SELinux policy database in the kernel
 security_compute_relabel_raw(3) - query the SELinux policy database in the kernel
 security_compute_user(3) - query the SELinux policy database in the kernel
 security_compute_user_raw(3) - query the SELinux policy database in the kernel
 security_deny_unknown(3) - get or set the enforcing state of SELinux
 security_disable(3) - disable the SELinux kernel code at runtime
 security_get_boolean_active(3) - routines for manipulating SELinux boolean values
 security_get_boolean_names(3) - routines for manipulating SELinux boolean values
 security_get_boolean_pending(3) - routines for manipulating SELinux boolean values
 security_getenforce(3) - get or set the enforcing state of SELinux
 security_get_initial_context(3) - query the SELinux policy database in the kernel
 security_get_initial_context_raw(3) - query the SELinux policy database in the kernel

[security_load_booleans\(3\)](#) - routines for manipulating SELinux boolean values
[security_load_policy\(3\)](#) - load a new SELinux policy
[security_mkload_policy\(3\)](#) - load a new SELinux policy
[security_policyvers\(3\)](#) - get the version of the SELinux policy
[security_reject_unknown\(3\)](#) - get or set the enforcing state of SELinux
[security_set_boolean\(3\)](#) - routines for manipulating SELinux boolean values
[security_setenforce\(3\)](#) - get or set the enforcing state of SELinux
[selabel_close\(3\)](#) - userspace SELinux labeling interface
[selabel_digest\(3\)](#) - Return digest of specfiles and list of files used
[selabel_lookup\(3\)](#) - obtain SELinux security context from a string label
[selabel_lookup_best_match\(3\)](#) - Only supported on file backend.
[selabel_lookup_best_match_raw\(3\)](#) - Only supported on file backend.
[selabel_lookup_raw\(3\)](#) - obtain SELinux security context from a string label
[selabel_open\(3\)](#) - userspace SELinux labeling interface
[selabel_partial_match\(3\)](#) - Only supported on file backend.
[selabel_stats\(3\)](#) - obtain SELinux labeling statistics
[selinux_binary_policy_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_booleans_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_boolean_sub\(3\)](#) - Search the translated name for a boolean_name record
[selinux_check_access\(3\)](#) - query the SELinux policy database in the kernel
[selinux_check_passwd_access\(3\)](#) - query the SELinux policy database in the kernel
[selinux_check_securetty_context\(3\)](#) - check whether a SELinux tty security context is defined as a securetty context
[selinux_colors_path\(3\)](#) - Return a path to the active SELinux policy color configuration file
[selinux_contexts_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_current_policy_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_default_context_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_default_type_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_failsafe_context_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_file_context_cmp\(3\)](#) - Compare two SELinux security contexts excluding the 'user' component
[selinux_file_context_homedir_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_file_context_local_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_file_context_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_file_context_verify\(3\)](#) - Compare the SELinux security context on disk to the default security context required by the policy
[selinux_getenforcemode\(3\)](#) - get the enforcing state of SELinux
[selinux_getpolicytype\(3\)](#) - get the type of SELinux policy running on the system
[selinux_homedir_context_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_init_load_policy\(3\)](#) - load a new SELinux policy
[selinux_lsetfilecon_default\(3\)](#) - set the file context to the system defaults
[selinux_media_context_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_mkload_policy\(3\)](#) - load a new SELinux policy
[selinux_netfilter_context_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_policy_root\(3\)](#) - Set an alternate SELinux root path for the SELinux policy files for this machine.
[selinux_raw_context_to_color\(3\)](#) - Return RGB color string for an SELinux security context
[selinux_removable_context_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_restorecon\(3\)](#) - restore file(s) default SELinux security contexts
[selinux_restorecon_default_handle\(3\)](#) - sets default parameters for selinux_restorecon(3)
[selinux_restorecon_set_alt_rootpath\(3\)](#) - set an alternate rootpath.
[selinux_restorecon_set_exclude_list\(3\)](#) - set list of directories to be excluded from relabeling.
[selinux_restorecon_set_sehandle\(3\)](#) - set a labeling handle for use by selinux_restorecon(3)
[selinux_restorecon_xattr\(3\)](#) - manage default security.restorecon_last extended attribute entries added by selinux_restorecon(3)
[selinux_securetty_types_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_set_callback\(3\)](#) - userspace SELinux callback facilities
[selinux_set_mapping\(3\)](#) - establish dynamic object class and permission mapping
[selinux_set_policy_root\(3\)](#) - Set an alternate SELinux root path for the SELinux policy files for this machine.
[selinux_status_close\(3\)](#) - reference the SELinux kernel status without invocation of system calls
[selinux_status_deny_unknown\(3\)](#) - reference the SELinux kernel status without invocation of system calls
[selinux_status_getenforce\(3\)](#) - reference the SELinux kernel status without invocation of system calls
[selinux_status_open\(3\)](#) - reference the SELinux kernel status without invocation of system calls
[selinux_status_policyload\(3\)](#) - reference the SELinux kernel status without invocation of system calls
[selinux_status_updated\(3\)](#) - reference the SELinux kernel status without invocation of system calls
[selinux_user_contexts_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_usersconf_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[selinux_x_context_path\(3\)](#) - These functions return the paths to the active SELinux policy configuration directories and files
[semanage_bool\(3\)](#) - SELinux Policy Booleans Management API
[semanage_bool_count\(3\)](#) - SELinux Management API
[semanage_bool_count_active\(3\)](#) - SELinux Management API
[semanage_bool_count_local\(3\)](#) - SELinux Management API
[semanage_bool_del_local\(3\)](#) - SELinux Management API
[semanage_bool_exists\(3\)](#) - SELinux Management API
[semanage_bool_exists_active\(3\)](#) - SELinux Management API
[semanage_bool_exists_local\(3\)](#) - SELinux Management API
[semanage_bool_iterate\(3\)](#) - SELinux Management API
[semanage_bool_iterate_active\(3\)](#) - SELinux Management API
[semanage_bool_iterate_local\(3\)](#) - SELinux Management API
[semanage_bool_list\(3\)](#) - SELinux Lists Management API
[semanage_bool_list_active\(3\)](#) - SELinux Lists Management API

semanage_bool_list_local(3) - SELinux Lists Management API
semanage_bool_modify_local(3) - SELinux Management API
semanage_bool_query(3) - SELinux Management API
semanage_bool_query_active(3) - SELinux Management API
semanage_bool_query_local(3) - SELinux Management API
semanage_bool_set_active(3) - update an existing SELinux boolean in the currently active policy
semanage_count(3) - SELinux Management API
semanage_del(3) - SELinux Management API
semanage_exists(3) - SELinux Management API
semanage_fcontext(3) - SELinux File Context Management API
semanage_fcontext_count(3) - SELinux Management API
semanage_fcontext_count_local(3) - SELinux Management API
semanage_fcontext_del_local(3) - SELinux Management API
semanage_fcontext_exists(3) - SELinux Management API
semanage_fcontext_exists_local(3) - SELinux Management API
semanage_fcontext_iterate(3) - SELinux Management API
semanage_fcontext_iterate_local(3) - SELinux Management API
semanage_fcontext_list(3) - SELinux Lists Management API
semanage_fcontext_list_local(3) - SELinux Lists Management API
semanage_fcontext_modify_local(3) - SELinux Management API
semanage_fcontext_query(3) - SELinux Management API
semanage_fcontext_query_local(3) - SELinux Management API
semanage_iface(3) - SELinux Network Interfaces Management API
semanage_iface_count(3) - SELinux Management API
semanage_iface_count_local(3) - SELinux Management API
semanage_iface_del_local(3) - SELinux Management API
semanage_iface_exists(3) - SELinux Management API
semanage_iface_exists_local(3) - SELinux Management API
semanage_iface_iterate(3) - SELinux Management API
semanage_iface_iterate_local(3) - SELinux Management API
semanage_iface_list(3) - SELinux Lists Management API
semanage_iface_list_local(3) - SELinux Lists Management API
semanage_iface_modify_local(3) - SELinux Management API
semanage_iface_query(3) - SELinux Management API
semanage_iface_query_local(3) - SELinux Management API
semanage_iterate(3) - SELinux Management API
semanage_list(3) - SELinux Lists Management API
semanage_modify(3) - SELinux Management API
semanage_node(3) - SELinux Network Nodes Management API
semanage_node_count(3) - SELinux Management API
semanage_node_count_local(3) - SELinux Management API
semanage_node_del_local(3) - SELinux Management API
semanage_node_exists(3) - SELinux Management API
semanage_node_exists_local(3) - SELinux Management API
semanage_node_iterate(3) - SELinux Management API
semanage_node_iterate_local(3) - SELinux Management API
semanage_node_list(3) - SELinux Lists Management API
semanage_node_list_local(3) - SELinux Lists Management API
semanage_node_modify_local(3) - SELinux Management API
semanage_node_query(3) - SELinux Management API
semanage_node_query_local(3) - SELinux Management API
semanage_port(3) - SELinux Network Ports Management API
semanage_port_count(3) - SELinux Management API
semanage_port_count_local(3) - SELinux Management API
semanage_port_del_local(3) - SELinux Management API
semanage_port_exists(3) - SELinux Management API
semanage_port_exists_local(3) - SELinux Management API
semanage_port_iterate(3) - SELinux Management API
semanage_port_iterate_local(3) - SELinux Management API
semanage_port_list(3) - SELinux Lists Management API
semanage_port_list_local(3) - SELinux Lists Management API
semanage_port_modify_local(3) - SELinux Management API
semanage_port_query(3) - SELinux Management API
semanage_port_query_local(3) - SELinux Management API
semanage_query(3) - SELinux Management API
semanage_set_root(3) - SELinux Management API
semanage_seuser(3) - Linux UID to SELinux User Management API
semanage_seuser_count(3) - SELinux Management API
semanage_seuser_count_local(3) - SELinux Management API
semanage_seuser_del_local(3) - SELinux Management API
semanage_seuser_exists(3) - SELinux Management API
semanage_seuser_exists_local(3) - SELinux Management API
semanage_seuser_iterate(3) - SELinux Management API
semanage_seuser_iterate_local(3) - SELinux Management API
semanage_seuser_list(3) - SELinux Lists Management API
semanage_seuser_list_local(3) - SELinux Lists Management API
semanage_seuser_modify_local(3) - SELinux Management API

semanage_seuser_query(3) - SELinux Management API
 semanage_seuser_query_local(3) - SELinux Management API
 semanage_user(3) - SELinux User Management API
 semanage_user_count(3) - SELinux Management API
 semanage_user_count_local(3) - SELinux Management API
 semanage_user_del_local(3) - SELinux Management API
 semanage_user_exists(3) - SELinux Management API
 semanage_user_exists_local(3) - SELinux Management API
 semanage_user_iterate(3) - SELinux Management API
 semanage_user_iterate_local(3) - SELinux Management API
 semanage_user_list(3) - SELinux Lists Management API
 semanage_user_list_local(3) - SELinux Lists Management API
 semanage_user_modify_local(3) - SELinux Management API
 semanage_user_query(3) - SELinux Management API
 semanage_user_query_local(3) - SELinux Management API
 sepol_check_context(3) - Check the validity of a security context against a binary policy.
 sepol_genbools(3) - Rewrite a binary policy with different boolean settings
 sepol_genusers(3) - Generate a new binary policy image with a customized user configuration
 setcon(3) - get SELinux security context of a process
 setcon_raw(3) - get SELinux security context of a process
 setexeccon(3) - get or set the SELinux security context used for executing a new process
 setexeccon_raw(3) - get or set the SELinux security context used for executing a new process
 setfilecon(3) - set SELinux security context of a file
 setfilecon_raw(3) - set SELinux security context of a file
 setfscreatecon(3) - get or set the SELinux security context used for creating a new file system object
 setfscreatecon_raw(3) - get or set the SELinux security context used for creating a new file system object
 setkeycreatecon(3) - get or set the SELinux security context used for creating a new kernel keyrings
 setkeycreatecon_raw(3) - get or set the SELinux security context used for creating a new kernel keyrings
 set_matchpathcon_flags(3) - set flags controlling the operation of matchpathcon or matchpathcon_index and configure the b
 set_matchpathcon_invalidcon(3) - set flags controlling the operation of matchpathcon or matchpathcon_index and configure t
 set_matchpathcon_printf(3) - set flags controlling the operation of matchpathcon or matchpathcon_index and configure the t
 set_selinuxmnt(3) - initialize the global variable selinux_mnt
 setsockcreatecon(3) - get or set the SELinux security context used for creating a new labeled sockets
 setsockcreatecon_raw(3) - get or set the SELinux security context used for creating a new labeled sockets
 sidget(3) - obtain and manipulate SELinux security ID's
 sidput(3) - obtain and manipulate SELinux security ID's
 string_to_av_perm(3) - display an access vector in human-readable form.
 string_to_security_class(3) - display an access vector in human-readable form.

booleans(5) - The SELinux booleans configuration files
 customizable_types(5) - The SELinux customizable types configuration file
 default_contexts(5) - The SELinux default contexts configuration file
 default_type(5) - The SELinux default type configuration file
 failsafe_context(5) - The SELinux fail safe context configuration file
 file_contexts(5) - userspace SELinux labeling interface and configuration file format for the file contexts backend
 file_contexts.homedirs(5) - userspace SELinux labeling interface and configuration file format for the file contexts backe
 file_contexts.local(5) - userspace SELinux labeling interface and configuration file format for the file contexts backend
 file_contexts.subs(5) - userspace SELinux labeling interface and configuration file format for the file contexts backend
 file_contexts.subs_dist(5) - userspace SELinux labeling interface and configuration file format for the file contexts back
 local.users(5) - The SELinux local users configuration file
 media(5) - userspace SELinux labeling interface and configuration file format for the media contexts backend
 removable_context(5) - The SELinux removable devices context configuration file
 sandbox(5) - user config file for the SELinux sandbox
 secolor.conf(5) - The SELinux color configuration file
 securetty_types(5) - The SELinux secure tty type configuration file
 selabel_db(5) - userspace SELinux labeling interface and configuration file format for the RDBMS objects context backend
 selabel_file(5) - userspace SELinux labeling interface and configuration file format for the file contexts backend
 selabel_media(5) - userspace SELinux labeling interface and configuration file format for the media contexts backend
 selabel_x(5) - userspace SELinux labeling interface and configuration file format for the X Window System contexts backend
 selinux_config(5) - The SELinux sub-system configuration file.
 semanage.conf(5) - global configuration file for the SELinux Management library
 sepgsql_contexts(5) - userspace SELinux labeling interface and configuration file format for the RDBMS objects context bac
 service_seusers(5) - The SELinux GNU/Linux user and service to SELinux user mapping configuration files
 sestatus.conf(5) - The sestatus(8) configuration file.
 setrans.conf(5) - translation configuration file for MCS/MLS SELinux systems
 seusers(5) - The SELinux GNU/Linux user to SELinux user mapping configuration file
 user_contexts(5) - The SELinux user contexts configuration files
 virtual_domain_context(5) - The SELinux virtual machine domain context configuration file
 virtual_image_context(5) - The SELinux virtual machine image context configuration file
 x_contexts(5) - userspace SELinux labeling interface and configuration file format for the X Window System contexts backer

avcstat(8) - Display SELinux AVC statistics
 booleans(8) - Policy booleans enable runtime customization of SELinux policy
 chcat(8) - change file SELinux security category
 checkmodule(8) - SELinux policy module compiler
 checkpolicy(8) - SELinux policy compiler
 chkcon(8) - determine if a security context is valid for a given binary policy

[fixfiles\(8\)](#) - fix file SELinux security contexts.
[genhomedircon\(8\)](#) - generate SELinux file context configuration entries for user home directories
[genpolbools\(8\)](#) - Rewrite a binary policy with different boolean settings
[genpolusers\(8\)](#) - Generate new binary policy with updated user configuration
[getenforce\(8\)](#) - get the current mode of SELinux
[getsebool\(8\)](#) - get SELinux boolean value(s)
[load_policy\(8\)](#) - load a new SELinux policy into the kernel
[matchpathcon\(8\)](#) - get the default SELinux security context for the specified path from the file contexts configuration
[mcs\(8\)](#) - Multi-Category System
[mcstransd\(8\)](#) - MCS (Multiple Category System) daemon. Translates SELinux MCS/MLS labels to human readable form.
[open_init_ptty\(8\)](#) - run an program under a pseudo terminal
[restorecon\(8\)](#) - restore file(s) default SELinux security contexts.
[restorecond\(8\)](#) - daemon that watches for file creation and then sets the default SELinux file context
[restorecon_xattr\(8\)](#) - manage security.restorecon_last extended attribute entries added by setfiles(8) or restorecon(8).
[run_init\(8\)](#) - run an init script in the proper SELinux context
[sandbox\(8\)](#) - Run cmd under an SELinux sandbox
[sefcontext_compile\(8\)](#) - compile file context regular expression files
[selinux\(8\)](#) - NSA Security-Enhanced Linux (SELinux)
[selinuxenabled\(8\)](#) - tool to be used within shell scripts to determine if selinux is enabled
[selinuxexecon\(8\)](#) - report SELinux context used for this executable
[selinux-polgengui\(8\)](#) - SELinux Policy Generation Tool
[semanage\(8\)](#) - SELinux Policy Management tool
[semanage-boolean\(8\)](#) - SELinux Policy Management boolean tool
[semanage-dontaudit\(8\)](#) - SELinux Policy Management dontaudit tool
[semanage-export\(8\)](#) - SELinux Policy Management import tool
[semanage-fcontext\(8\)](#) - SELinux Policy Management file context tool
[semanage-ibendport\(8\)](#) - SELinux Policy Management ibendport mapping tool
[semanage-ibpkey\(8\)](#) - SELinux Policy Management ibpkey mapping tool
[semanage-import\(8\)](#) - SELinux Policy Management import tool
[semanage-interface\(8\)](#) - SELinux Policy Management network interface tool
[semanage-login\(8\)](#) - SELinux Policy Management linux user to SELinux User mapping tool
[semanage-module\(8\)](#) - SELinux Policy Management module mapping tool
[semanage-node\(8\)](#) - SELinux Policy Management node mapping tool
[semanage-permissive\(8\)](#) - SELinux Policy Management permissive mapping tool
[semanage-port\(8\)](#) - SELinux Policy Management port mapping tool
[semanage-user\(8\)](#) - SELinux Policy Management SELinux User mapping tool
[semodule\(8\)](#) - Manage SELinux policy modules.
[semodule_expand\(8\)](#) - Expand a SELinux policy module package.
[semodule_link\(8\)](#) - Link SELinux policy module packages together
[semodule_package\(8\)](#) - Create a SELinux policy module package.
[semodule_unpackage\(8\)](#) - Extract policy module and file context file from an SELinux policy module package.
[sepolgen\(8\)](#) - Generate an initial SELinux policy module template.
[sepolicy\(8\)](#) - SELinux Policy Inspection tool
[sepolicy-booleans\(8\)](#) - Query SELinux Policy to see description of booleans
[sepolicy-communicate\(8\)](#) - Generate a report showing if two SELinux Policy Domains can communicate
[sepolicy-generate\(8\)](#) - Generate an initial SELinux policy module template.
[sepolicy-gui\(8\)](#) - Graphical User Interface for SELinux policy.
[sepolicy-interface\(8\)](#) - Print interface information based on the installed SELinux Policy
[sepolicy-manpage\(8\)](#) - Generate a man page based on the installed SELinux Policy
[sepolicy-network\(8\)](#) - Examine the SELinux Policy and generate a network report
[sepolicy-transition\(8\)](#) - Examine the SELinux Policy and generate a process transition report
[sestatus\(8\)](#) - SELinux status tool
[setenforce\(8\)](#) - modify the mode SELinux is running in
[setfiles\(8\)](#) - set SELinux file security contexts.
[setsebool\(8\)](#) - set SELinux boolean value
[seunshare\(8\)](#) - Run cmd with alternate homedir, tmpdir and/or SELinux context
[system-config-selinux\(8\)](#) - SELinux Management tool
[togglesebool\(8\)](#) - flip the current value of a SELinux boolean

shadow-utils (utilities for managing accounts and shadow password files)

[chage\(1\)](#) - change user password expiry information
[chfn\(1\)](#) - change real user name and information
[chsh\(1\)](#) - change login shell
[expiry\(1\)](#) - check and enforce password expiration policy
[gpsswd\(1\)](#) - administer /etc/group and /etc/gshadow
[groups\(1\)](#) - display current group names
[login\(1\)](#) - begin session on the system
[newgidmap\(1\)](#) - set the gid mapping of a user namespace
[newgrp\(1\)](#) - log in to a new group

`newuidmap(1)` - set the uid mapping of a user namespace
`passwd(1)` - change user password
`sg(1)` - execute command as different group ID
`su(1)` - change user ID or become superuser

`getspnam(3)` - encrypted password file routines
`shadow(3)` - encrypted password file routines

`faillog(5)` - login failure logging file
`gshadow(5)` - shadowed group file
`login.defs(5)` - shadow password suite configuration
`passwd(5)` - the password file
`shadow(5)` - shadowed password file
`suauth(5)` - detailed su control file
`subgid(5)` - the subordinate gid file
`subuid(5)` - the subordinate uid file

`chgpaswd(8)` - update group passwords in batch mode
`chpasswd(8)` - update passwords in batch mode
`faillog(8)` - display faillog records or set login failure limits
`groupadd(8)` - create a new group
`groupdel(8)` - delete a group
`groupmems(8)` - administer members of a user's primary group
`groupmod(8)` - modify a group definition on the system
`grpck(8)` - verify integrity of group files
`grpconv(8)` - convert to and from shadow passwords and groups
`grpunconv(8)` - convert to and from shadow passwords and groups
`lastlog(8)` - reports the most recent login of all users or of a given user
`logoutd(8)` - enforce login time restrictions
`newusers(8)` - update and create new users in batch
`nologin(8)` - politely refuse a login
`pwck(8)` - verify integrity of password files
`pwconv(8)` - convert to and from shadow passwords and groups
`pwunconv(8)` - convert to and from shadow passwords and groups
`useradd(8)` - create a new user or update default new user information
`userdel(8)` - delete a user account and related files
`usermod(8)` - modify a user account
`vigr(8)` - edit the password, group, shadow-password or shadow-group file
`vipw(8)` - edit the password, group, shadow-password or shadow-group file

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smem (Report memory usage with shared memory divided proportionally)

`smem(8)` - Report memory usage with shared memory divided proportionally.

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sparse (a Semantic Parser for C)

`cgcc(1)` - Compiler wrapper to run Sparse after compiling
`sparse(1)` - Semantic Parser for C

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stgit (Stacked Git)

`stg(1)` - Manage stacks of patches using the Git content tracker
`stg-branch(1)` - Branch operations: switch, list, create, rename, delete, ...
`stg-clean(1)` - Delete the empty patches in the series
`stg-clone(1)` - Make a local clone of a remote repository
`stg-commit(1)` - Permanently store the applied patches into the stack base

[stg-delete\(1\)](#) - Delete patches
[stg-diff\(1\)](#) - Show the tree diff
[stg-edit\(1\)](#) - Edit a patch description or diff
[stg-export\(1\)](#) - Export patches to a directory
[stg-files\(1\)](#) - Show the files modified by a patch (or the current patch)
[stg-float\(1\)](#) - Push patches to the top, even if applied
[stg-fold\(1\)](#) - Integrate a GNU diff patch into the current patch
[stg-goto\(1\)](#) - Push or pop patches to the given one
[stg-hide\(1\)](#) - Hide a patch in the series
[stg-id\(1\)](#) - Print the git hash value of a StGit reference
[stg-import\(1\)](#) - Import a GNU diff file as a new patch
[stg-init\(1\)](#) - Initialise the current branch for use with StGIT
[stg-log\(1\)](#) - Display the patch changelog
[stg-mail\(1\)](#) - Send a patch or series of patches by e-mail
[stg-new\(1\)](#) - Create a new, empty patch
[stg-next\(1\)](#) - Print the name of the next patch
[stg-patches\(1\)](#) - Show the applied patches modifying a file
[stg-pick\(1\)](#) - Import a patch from a different branch or a commit object
[stg-pop\(1\)](#) - Pop one or more patches from the stack
[stg-prev\(1\)](#) - Print the name of the previous patch
[stg-publish\(1\)](#) - Push the stack changes to a merge-friendly branch
[stg-pull\(1\)](#) - Pull changes from a remote repository
[stg-push\(1\)](#) - Push one or more patches onto the stack
[stg-rebase\(1\)](#) - Move the stack base to another point in history
[stg-redo\(1\)](#) - Undo the last undo operation
[stg-refresh\(1\)](#) - Generate a new commit for the current patch
[stg-rename\(1\)](#) - Rename a patch
[stg-repair\(1\)](#) - Fix StGit metadata if branch was modified with git commands
[stg-reset\(1\)](#) - Reset the patch stack to an earlier state
[stg-series\(1\)](#) - Print the patch series
[stg-show\(1\)](#) - Show the commit corresponding to a patch
[stg-sink\(1\)](#) - Send patches deeper down the stack
[stg-squash\(1\)](#) - Squash two or more patches into one
[stg-sync\(1\)](#) - Synchronise patches with a branch or a series
[stg-top\(1\)](#) - Print the name of the top patch
[stg-uncommit\(1\)](#) - Turn regular git commits into StGit patches
[stg-undo\(1\)](#) - Undo the last operation
[stg-unhide\(1\)](#) - Unhide a hidden patch

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strace (system call tracer)

[strace\(1\)](#) - trace system calls and signals

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sysdig (a system and process troubleshooting tool)

[csysdig\(8\)](#) -
[sysdig\(8\)](#) -

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sysstat (sysstat performance monitoring tools)

[cifsiostat\(1\)](#) - Report CIFS statistics.
[iostat\(1\)](#) - Report Central Processing Unit (CPU) statistics and input/output statistics for devices and partitions.
[mpstat\(1\)](#) - Report processors related statistics.
[nfsiostat-sysstat\(1\)](#) - Report input/output statistics for network filesystems (NFS).
[pidstat\(1\)](#) - Report statistics for Linux tasks.
[sadb\(1\)](#) - Display data collected by sar in multiple formats.

`sar(1)` - Collect, report, or save system activity information.
`tapestat(1)` - Report tape statistics.

`sysstat(5)` - sysstat configuration file.

`sa1(8)` - Collect and store binary data in the system activity daily data file.
`sa2(8)` - Create a report from the current standard system activity daily data file.
`sadc(8)` - System activity data collector.

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systemd (systemd system and service manager)

`bootctl(1)` - Control the firmware and boot manager settings
`busctl(1)` - Introspect the bus
`coredumpctl(1)` - Retrieve and process saved core dumps and metadata
`hostnamectl(1)` - Control the system hostname
`init(1)` - systemd system and service manager
`journalctl(1)` - Query the systemd journal
`localectl(1)` - Control the system locale and keyboard layout settings
`loginctl(1)` - Control the systemd login manager
`machinectl(1)` - Control the systemd machine manager
`networkctl(1)` - Query the status of network links
`systemctl(1)` - Control the systemd system and service manager
`systemd(1)` - systemd system and service manager
`systemd-analyze(1)` - Analyze system boot-up performance
`systemd-ask-password(1)` - Query the user for a system password
`systemd-bootchart(1)` - Boot performance graphing tool
`systemd-cat(1)` - Connect a pipeline or program's output with the journal
`systemd-cgls(1)` - Recursively show control group contents
`systemd-cgtop(1)` - Show top control groups by their resource usage
`systemd-delta(1)` - Find overridden configuration files
`systemd-detect-virt(1)` - Detect execution in a virtualized environment
`systemd-escape(1)` - Escape strings for usage in system unit names
`systemd-firstboot(1)` - Initialize basic system settings on or before the first boot-up of a system
`systemd-firstboot.service(1)` - Initialize basic system settings on or before the first boot-up of a system
`systemd-inhibit(1)` - Execute a program with an inhibition lock taken
`systemd-machine-id-setup(1)` - Initialize the machine ID in /etc/machine-id
`systemd-mount(1)` - Establish and destroy transient mount or auto-mount points
`systemd-notify(1)` - Notify service manager about start-up completion and other daemon status changes
`systemd-nspawn(1)` - Spawn a namespace container for debugging, testing and building
`systemd-path(1)` - List and query system and user paths
`systemd-resolve(1)` - Resolve domain names, IPV4 and IPV6 addresses, DNS resource records, and services
`systemd-run(1)` - Run programs in transient scope units, service units, or timer-scheduled service units
`systemd-socket-activate(1)` - Test socket activation of daemons
`systemd-tty-ask-password-agent(1)` - List or process pending systemd password requests
`systemd-umount(1)` - Establish and destroy transient mount or auto-mount points
`timedatectl(1)` - Control the system time and date

`libudev(3)` - API for enumerating and introspecting local devices
`SD_ALERT(3)` - APIs for new-style daemons
`sd_booted(3)` - Test whether the system is running the systemd init system
`sd-bus(3)` - A lightweight D-Bus IPC client library
`sd_bus_add_match(3)` - Add a match rule for message dispatching
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`sd_bus_creds_get_cgroup(3)` - Retrieve fields from a credentials object
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[30-systemd-environment-d-generator\(8\)](#) - Load variables specified by environment.d
[halt\(8\)](#) - Halt, power-off or reboot the machine
[kernel-install\(8\)](#) - Add and remove kernel and initramfs images to and from /boot
[libnss_myhostname.so.2\(8\)](#) - Provide hostname resolution for the locally configured system hostname.
[libnss_mymachines.so.2\(8\)](#) - Provide hostname resolution for local container instances.
[libnss_resolve.so.2\(8\)](#) - Provide hostname resolution via systemd-resolved.service
[libnss_systemd.so.2\(8\)](#) - Provide UNIX user and group name resolution for dynamic users and groups.
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[reboot\(8\)](#) - Halt, power-off or reboot the machine
[runlevel\(8\)](#) - Print previous and current SysV runlevel
[shutdown\(8\)](#) - Halt, power-off or reboot the machine
[systemd-activate\(8\)](#) - Test socket activation of daemons
[systemd-ask-password-console.path\(8\)](#) - Query the user for system passwords on the console and via wall
[systemd-ask-password-console.service\(8\)](#) - Query the user for system passwords on the console and via wall
[systemd-ask-password-wall.path\(8\)](#) - Query the user for system passwords on the console and via wall
[systemd-ask-password-wall.service\(8\)](#) - Query the user for system passwords on the console and via wall
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[systemd-backlight@.service\(8\)](#) - Load and save the display backlight brightness at boot and shutdown
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[systemd-binfmt.service\(8\)](#) - Configure additional binary formats for executables at boot
[systemd-bus-proxyd\(8\)](#) - Connect STDIO or a socket to a given bus address
[systemd-bus-proxyd.service\(8\)](#) - Proxy classic D-Bus clients to kdbus
[systemd-bus-proxyd.socket\(8\)](#) - Proxy classic D-Bus clients to kdbus
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systemd-halt.service(8) - System shutdown logic
systemd-hibernate-resume(8) - Resume from hibernation
systemd-hibernate-resume-generator(8) - Unit generator for resume= kernel parameter
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systemd-quotacheck.service(8) - File system quota checker logic
systemd-random-seed(8) - Load and save the system random seed at boot and shutdown
systemd-random-seed.service(8) - Load and save the system random seed at boot and shutdown
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systemd-remount-fs.service(8) - Remount root and kernel file systems
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systemd-tmpfiles(8) - Creates, deletes and cleans up volatile and temporary files and directories
systemd-tmpfiles-clean.service(8) - Creates, deletes and cleans up volatile and temporary files and directories
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[systemd-update-done\(8\)](#) - Mark /etc and /var fully updated
[systemd-update-done.service\(8\)](#) - Mark /etc and /var fully updated
[systemd-update-utmp\(8\)](#) - Write audit and utmp updates at bootup, runlevel changes and shutdown
[systemd-update-utmp-runlevel.service\(8\)](#) - Write audit and utmp updates at bootup, runlevel changes and shutdown
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[systemd-user-sessions\(8\)](#) - Permit user logins after boot, prohibit user logins at shutdown
[systemd-user-sessions.service\(8\)](#) - Permit user logins after boot, prohibit user logins at shutdown
[systemd-vconsole-setup\(8\)](#) - Configure the virtual consoles
[systemd-vconsole-setup.service\(8\)](#) - Configure the virtual consoles
[systemd-volatile-root\(8\)](#) - Make the root file system volatile
[systemd-volatile-root.service\(8\)](#) - Make the root file system volatile
[telinit\(8\)](#) - Change SysV runlevel
[udevadm\(8\)](#) - udev management tool

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systemtap (a tracing and live-system analysis tool)

[dtrace\(1\)](#) - Dtrace compatible user application static probe generation tool.
[stap\(1\)](#) - systemtap script translator/driver
[stap-merge\(1\)](#) - systemtap per-cpu binary merger
[stap-prep\(1\)](#) - prepare system for systemtap use
[stapref\(1\)](#) - systemtap language reference
[stap-report\(1\)](#) - collect system information that is useful for debugging systemtap bugs
[stapvirt\(1\)](#) - prepare libvirt domains for systemtap probing

[stapex\(3stap\)](#) - systemtap examples
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[stapprobes\(3stap\)](#) - systemtap probe points
[stapvars\(3stap\)](#) - systemtap variables

[error::buildid\(7stap\)](#) - build-id verification failures
[error::dwarf\(7stap\)](#) - dwarf debuginfo quality problems
[error::fault\(7stap\)](#) - memory access faults
[error::inode-uprobes\(7stap\)](#) - limitations of inode-uprobes
[error::pass1\(7stap\)](#) - systemtap pass-1 errors
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[error::process-tracking\(7stap\)](#) - process-tracking facilities are not available
[error::reporting\(7stap\)](#) - systemtap error reporting
[error::sdt\(7stap\)](#) - <sys/sdt.h> marker failures
[stappaths\(7\)](#) - systemtap configurable file paths
[warning::debuginfo\(7stap\)](#) - systemtap missing-debuginfo warnings
[warning::symbols\(7stap\)](#) - systemtap missing-symbols warnings

[stapbpf\(8\)](#) - systemtap bpf runtime
[stapdyn\(8\)](#) - systemtap dyninst runtime
[stap-exporter\(8\)](#) - systemtap-prometheus interoperation mechanism
[staprun\(8\)](#) - systemtap runtime
[stap-server\(8\)](#) - systemtap compile server management
[stapsh\(8\)](#) - stapsh
[systemtap\(8\)](#) - SystemTap initscript service
[systemtap-service\(8\)](#) - SystemTap initscript and systemd service

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tar (an archiver program)

[tar\(1\)](#) - an archiving utility

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tcpdump (a command-line network packet analyzer)

[tcpdump\(1\)](#) - dump traffic on a network

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tmux (terminal multiplexer)

[tmux\(1\)](#) - terminal multiplexer

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trace-cmd (a front-end for Ftrace)

[kernelshark\(1\)](#) - graphical reader for trace-cmd(1) output
[trace-cmd\(1\)](#) - interacts with Ftrace Linux kernel internal tracer
[trace-cmd-check-events\(1\)](#) - parse the event formats on local system
[trace-cmd-extract\(1\)](#) - extract out the data from the Ftrace Linux tracer.
[trace-cmd-hist\(1\)](#) - show histogram of events in trace.dat file
[trace-cmd-list\(1\)](#) - list available plugins, events or options for Ftrace.
[trace-cmd-listen\(1\)](#) - listen for incoming connection to record tracing.
[trace-cmd-mem\(1\)](#) - show memory usage of certain kmem events
[trace-cmd-options\(1\)](#) - list available options from trace-cmd plugins
[trace-cmd-profile\(1\)](#) - profile tasks running live
[trace-cmd-record\(1\)](#) - record a trace from the Ftrace Linux internal tracer
[trace-cmd-report\(1\)](#) - show in ASCII a trace created by trace-cmd record
[trace-cmd-reset\(1\)](#) - turn off all Ftrace tracing to bring back full performance
[trace-cmd-restore\(1\)](#) - restore a failed trace record
[trace-cmd-show\(1\)](#) - show the contents of the Ftrace Linux kernel tracing buffer.
[trace-cmd-snapshot\(1\)](#) - take, reset, free, or show a Ftrace kernel snapshot
[trace-cmd-split\(1\)](#) - split a trace.dat file into smaller files
[trace-cmd-stack\(1\)](#) - read, enable or disable Ftrace Linux kernel stack tracing.
[trace-cmd-start\(1\)](#) - start the Ftrace Linux kernel tracer without recording
[trace-cmd-stat\(1\)](#) - show the status of the tracing (ftrace) system
[trace-cmd-stop\(1\)](#) - stop the Ftrace Linux kernel tracer from writing to the ring buffer.
[trace-cmd-stream\(1\)](#) - stream a trace to stdout as it is happening

[trace-cmd.dat\(5\)](#) - trace-cmd file format

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traceroute (trace route to network host)

[traceroute\(8\)](#) - print the route packets trace to network host

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usbutils (USB utilities for Linux)

[usb-devices\(1\)](#) - print USB device details

[lsusb\(8\)](#) - list USB devices

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util-linux (a random collection of Linux utilities)

`cal(1)` - display a calendar
`chfn(1)` - change your finger information
`choom(1)` - display and adjust OOM-killer score.
`chrt(1)` - manipulate the real-time attributes of a process
`chsh(1)` - change your login shell
`col(1)` - filter reverse line feeds from input
`colcrt(1)` - filter nroff output for CRT previewing
`colrm(1)` - remove columns from a file
`column(1)` - columnate lists
`dmesg(1)` - print or control the kernel ring buffer
`eject(1)` - eject removable media
`fallocate(1)` - preallocate or deallocate space to a file
`fincore(1)` - count pages of file contents in core
`flock(1)` - manage locks from shell scripts
`getopt(1)` - parse command options (enhanced)
`hardlink(1)` - Consolidate duplicate files via hardlinks
`hexdump(1)` - display file contents in hexadecimal, decimal, octal, or ascii
`ionice(1)` - set or get process I/O scheduling class and priority
`ipcmk(1)` - make various IPC resources
`ipcrm(1)` - remove certain IPC resources
`ipcs(1)` - show information on IPC facilities
`kill(1)` - terminate a process
`last(1)` - show a listing of last logged in users
`lastb(1)` - list logins on the system
`line(1)` - read one line
`logger(1)` - enter messages into the system log
`login(1)` - begin session on the system
`look(1)` - display lines beginning with a given string
`lscpu(1)` - display information about the CPU architecture
`lsipc(1)` - show information on IPC facilities currently employed in the system
`lslogins(1)` - display information about known users in the system
`lsmem(1)` - list the ranges of available memory with their online status
`mcookie(1)` - generate magic cookies for xauth
`mesg(1)` - display (or do not display) messages from other users
`more(1)` - file perusal filter for crt viewing
`mountpoint(1)` - see if a directory or file is a mountpoint
`namei(1)` - follow a pathname until a terminal point is found
`newgrp(1)` - log in to a new group
`nsenter(1)` - run program with namespaces of other processes
`pg(1)` - browse pagewise through text files
`prlimit(1)` - get and set process resource limits
`rename(1)` - rename files
`renice(1)` - alter priority of running processes
`rev(1)` - reverse lines characterwise
`runuser(1)` - run a command with substitute user and group ID
`script(1)` - make typescript of terminal session
`scriptreplay(1)` - play back typescripts, using timing information
`setpriv(1)` - run a program with different Linux privilege settings
`setsid(1)` - run a program in a new session
`setterm(1)` - set terminal attributes
`su(1)` - run a command with substitute user and group ID
`taskset(1)` - set or retrieve a process's CPU affinity
`ul(1)` - do underlining
`unshare(1)` - run program with some namespaces unshared from parent
`utmpdump(1)` - dump UTMP and WTMP files in raw format
`uuidgen(1)` - create a new UUID value
`uuidparse(1)` - a utility to parse unique identifiers
`wall(1)` - write a message to all users
`whereis(1)` - locate the binary, source, and manual page files for a command
`write(1)` - send a message to another user

`libblkid(3)` - block device identification library
`uuid(3)` - DCE compatible Universally Unique Identifier library
`uuid_clear(3)` - reset value of UUID variable to the NULL value
`uuid_compare(3)` - compare whether two UUIDs are the same
`uuid_copy(3)` - copy a UUID value
`uuid_generate(3)` - create a new unique UUID value
`uuid_generate_random(3)` - create a new unique UUID value
`uuid_generate_time(3)` - create a new unique UUID value

[uuid_generate_time_safe\(3\)](#) - create a new unique UUID value
[uuid_is_null\(3\)](#) - compare the value of the UUID to the NULL value
[uuid_parse\(3\)](#) - convert an input UUID string into binary representation
[uuid_time\(3\)](#) - extract the time at which the UUID was created
[uuid_unparse\(3\)](#) - convert a UUID from binary representation to a string

[adjtime_config\(5\)](#) - information about hardware clock setting and drift factor
[fstab\(5\)](#) - static information about the filesystems
[terminal-colors.d\(5\)](#) - Configure output colorization for various utilities

[addpart\(8\)](#) - tell the kernel about the existence of a partition
[agetty\(8\)](#) - alternative Linux getty
[blkdiscard\(8\)](#) - discard sectors on a device
[blkid\(8\)](#) - locate/print block device attributes
[blkzone\(8\)](#) - run zone command on a device
[blockdev\(8\)](#) - call block device ioctls from the command line
[cfdisk\(8\)](#) - display or manipulate a disk partition table
[chcpu\(8\)](#) - configure CPUs
[chmem\(8\)](#) - configure memory
[ctrlaltdel\(8\)](#) - set the function of the Ctrl-Alt-Del combination
[delpart\(8\)](#) - tell the kernel to forget about a partition
[fdformat\(8\)](#) - low-level format a floppy disk
[fdisk\(8\)](#) - manipulate disk partition table
[findfs\(8\)](#) - find a filesystem by label or UUID
[findmnt\(8\)](#) - find a filesystem
[fsck\(8\)](#) - check and repair a Linux filesystem
[fsck.cramfs\(8\)](#) - fsck compressed ROM file system
[fsck.minix\(8\)](#) - check consistency of Minix filesystem
[fsfreeze\(8\)](#) - suspend access to a filesystem (Ext3/4, ReiserFS, JFS, XFS)
[fstrim\(8\)](#) - discard unused blocks on a mounted filesystem
[hwclock\(8\)](#) - time clocks utility
[i386\(8\)](#) - change reported architecture in new program environment and/or set personality flags
[isosize\(8\)](#) - output the length of an iso9660 filesystem
[ldattach\(8\)](#) - attach a line discipline to a serial line
[linux32\(8\)](#) - change reported architecture in new program environment and/or set personality flags
[linux64\(8\)](#) - change reported architecture in new program environment and/or set personality flags
[losetup\(8\)](#) - set up and control loop devices
[lsblk\(8\)](#) - list block devices
[lslocks\(8\)](#) - list local system locks
[lsns\(8\)](#) - list namespaces
[mkfs\(8\)](#) - build a Linux filesystem
[mkfs.bfs\(8\)](#) - make an SCO bfs filesystem
[mkfs.cramfs\(8\)](#) - make compressed ROM file system
[mkfs.minix\(8\)](#) - make a Minix filesystem
[mkswap\(8\)](#) - set up a Linux swap area
[mount\(8\)](#) - mount a filesystem
[nologin\(8\)](#) - politely refuse a login
[partx\(8\)](#) - tell the kernel about the presence and numbering of on-disk partitions
[pivot_root\(8\)](#) - change the root filesystem
[raw\(8\)](#) - bind a Linux raw character device
[readprofile\(8\)](#) - read kernel profiling information
[resizepart\(8\)](#) - tell the kernel about the new size of a partition
[rfkill\(8\)](#) - tool for enabling and disabling wireless devices
[rtcwake\(8\)](#) - enter a system sleep state until specified wakeup time
[setarch\(8\)](#) - change reported architecture in new program environment and/or set personality flags
[sfdisk\(8\)](#) - display or manipulate a disk partition table
[sulogin\(8\)](#) - single-user login
[swaplabel\(8\)](#) - print or change the label or UUID of a swap area
[swapon\(8\)](#) - enable/disable devices and files for paging and swapping
[swapon\(8\)](#) - enable/disable devices and files for paging and swapping
[switch_root\(8\)](#) - switch to another filesystem as the root of the mount tree
[tunelp\(8\)](#) - set various parameters for the lp device
[umount\(8\)](#) - unmount file systems
[uname26\(8\)](#) - change reported architecture in new program environment and/or set personality flags
[uuid\(8\)](#) - UUID generation daemon
[vigr\(8\)](#) - edit the password, group, shadow-password or shadow-group file
[vipw\(8\)](#) - edit the password or group file
[wdctl\(8\)](#) - show hardware watchdog status
[wipefs\(8\)](#) - wipe a signature from a device
[x86_64\(8\)](#) - change reported architecture in new program environment and/or set personality flags
[zramctl\(8\)](#) - set up and control zram devices

valgrind (a system for debugging and profiling Linux programs)

`callgrind_annotate(1)` - post-processing tool for the Callgrind
`callgrind_control(1)` - observe and control programs being run by Callgrind
`cg_annotate(1)` - post-processing tool for Cachegrind
`cg_diff(1)` - compares two Cachegrind output files
`cg_merge(1)` - merges multiple Cachegrind output files into one
`ms_print(1)` - post-processing tool for Massif
`valgrind(1)` - a suite of tools for debugging and profiling programs
`valgrind-di-server(1)` - Experimental debuginfo server for valgrind
`valgrind-listener(1)` - listens on a socket for Valgrind commentary
`vgdb(1)` - intermediary between Valgrind and GDB or a shell

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wget (interactive network downloader)

`wget(1)` - The non-interactive network downloader.

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xfsdump (XFS dump and restore)

`xfsdump(8)` - XFS filesystem incremental dump utility
`xfsinvutil(8)` - xfsdump inventory database checking and pruning utility
`xfsrestore(8)` - XFS filesystem incremental restore utility

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xfsprogs (utilities for XFS filesystems)

`ioctl_xfs_fsbulkstat(2)` - query information for a batch of XFS inodes
`ioctl_xfs_fscounts(2)` - query XFS summary counter information
`ioctl_xfs_fsgetxattr(2)` - query information for an open file
`ioctl_xfs_fsgetxattr(2)` - query information for an open file
`ioctl_xfs_fsinumbers(2)` - extract a list of valid inode numbers from an XFS filesystem
`ioctl_xfs_fsop_geometry(2)` - report XFS filesystem layout and features
`ioctl_xfs_fssetxattr(2)` - query information for an open file
`ioctl_xfs_getbmap(2)` - query extent information for an open file
`ioctl_xfs_getbmapa(2)` - query extent information for an open file
`ioctl_xfs_getbmapx(2)` - query extent information for an open file
`ioctl_xfs_getresblks(2)` - query and set XFS free space reservation information
`ioctl_xfs_goingdown(2)` - shut down an XFS filesystem
`ioctl_xfs_scrub_metadata(2)` - check XFS filesystem metadata
`ioctl_xfs_setresblks(2)` - query and set XFS free space reservation information

`handle(3)` - file handle operations
`xfstcl(3)` - control XFS filesystems and individual files

`projects(5)` - persistent project root definition
`projid(5)` - the project name mapping file
`xfs(5)` - layout, mount options, and supported file attributes for the XFS filesystem

`fsck.xfs(8)` - do nothing, successfully
`mkfs.xfs(8)` - construct an XFS filesystem
`xfs_admin(8)` - change parameters of an XFS filesystem
`xfs_bmap(8)` - print block mapping for an XFS file
`xfs_copy(8)` - copy the contents of an XFS filesystem
`xfs_db(8)` - debug an XFS filesystem

`xfs_estimate(8)` - estimate the space that an XFS filesystem will take
`xfs_freeze(8)` - suspend access to an XFS filesystem
`xfs_fsr(8)` - filesystem reorganizer for XFS
`xfs_growfs(8)` - expand an XFS filesystem
`xfs_info(8)` - display XFS filesystem geometry information
`xfs_io(8)` - debug the I/O path of an XFS filesystem
`xfs_logprint(8)` - print the log of an XFS filesystem
`xfs_mdrestore(8)` - restores an XFS metadump image to a filesystem image
`xfs_metadump(8)` - copy XFS filesystem metadata to a file
`xfs_mkfile(8)` - create an XFS file
`xfs_ncheck(8)` - generate pathnames from i-numbers for XFS
`xfs_quota(8)` - manage use of quota on XFS filesystems
`xfs_repair(8)` - repair an XFS filesystem
`xfs_rtcp(8)` - XFS realtime copy command
`xfs_scrub(8)` - check and repair the contents of a mounted XFS filesystem
`xfs_scrub_all(8)` - scrub all mounted XFS filesystems
`xfs_spaceman(8)` - show free space information about an XFS filesystem

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yum (Yum Package Manager)

`yum.conf(5)` - Configuration file for yum(8).
`yum-updatesd.conf(5)` - Configuration file for yum-updatesd(8).

`yum(8)` - Yellowdog Updater Modified
`yum-cron(8)` - an interface to conveniently call yum from cron
`yum-shell(8)` - Yellowdog Updater Modified shell
`yum-updatesd(8)` - Update notifier daemon

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yum-utils (Yum Package Manager utilities)

`debuginfo-install(1)` - install debuginfo packages and their dependencies
`find-repos-of-install(1)` - report which Yum repository a package was installed from
`needs-restarting(1)` - report running processes that have been updated
`package-cleanup(1)` - clean up locally installed, duplicate, or orphaned packages
`repoclosure(1)` - display a list of unresolved dependencies for a yum repository
`repodiff(1)` - list differences between two or more Yum repositories
`repo-graph(1)` - output a full package dependency graph in dot format
`repomanage(1)` - list the newest or oldest RPM packages in a directory
`repoquery(1)` - query information from Yum repositories
`repo-rss(1)` - generates an RSS feed from one or more Yum repositories
`reposync(1)` - synchronize yum repositories to a local directory
`repotrack(1)` - track a package and its dependencies and download them
`show-changed-rco(1)` - show changes in an RPM package
`show-installed(1)` - show installed RPM packages and descriptions
`verifytree(1)` - verify that a local yum repository is consistent
`yum-aliases(1)` - yum aliases plugin
`yum-builddep(1)` - install missing dependencies for building an RPM package
`yum-changelog(1)` - changelog
`yum-config-manager(1)` - manage yum configuration options and yum repositories
`yum-debug-dump(1)` - write system RPM configuration to a debug-dump file
`yum-debug-restore(1)` - replay Yum transactions captured in a debug-dump file
`yumdownloader(1)` - download RPM packages from Yum repositories
`yum-filter-data(1)` - yum filter data plugin
`yum-fs-snapshot(1)` - fs-snapshot
`yum-groups-manager(1)` - create and edit yum's group metadata
`yum-list-data(1)` - yum list data plugin
`yum-ovl(1)` - Performs an initial copy-up of yum(8) package database.
`yum-utils(1)` - tools for manipulating repositories and extended package management
`yum-verify(1)` - yum verify plugin
`yum-versionlock(1)` - Version lock rpm packages

`yum-changelog.conf(5)` - changelog.conf(5)
`yum-fs-snapshot.conf(5)` - fs-snapshot.conf(5)

[yum-versionlock.conf\(5\)](#) - versionlock.conf(5)

[yum-complete-transaction\(8\)](#) - attempt to complete failed or aborted Yum transactions

[yum-copr\(8\)](#) - YUM copr Plugin

[yumdb\(8\)](#) - query and alter the Yum database

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131 projects; 9042 pages
