

MT Safety Levels: Library Interfaces



Table C-1 lists the safety levels for interfaces from Section 3 of the *man Pages(3): Library Routines* (see “MT Interface Safety Levels” on page 151 for explanations of the safety categories).

Table B-1 MT Safety Levels of Library Routines

a64l(3C)	MT-Safe
abort(3C)	Safe
abs(3C)	MT-Safe
accept(3N)	Safe
acos(3M)	MT-Safe
acosh(3M)	MT-Safe
addch(3X)	Unsafe
addchnstr(3X)	Unsafe
addchstr(3X)	Unsafe
addnstr(3X)	Unsafe
addnwstr(3X)	Unsafe
addsev(3C)	MT-safe
addseverity(3C)	Safe
addstr(3X)	Unsafe
addwch(3X)	Unsafe
addwchnstr(3X)	Unsafe
addwchstr(3X)	Unsafe
addwstr(3X)	Unsafe
adjcurspos(3X)	Unsafe
advance(3G)	MT-Safe

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<code>aiocancel(3)</code>	Unsafe
<code>aioread(3)</code>	Unsafe
<code>aiowait(3)</code>	Unsafe
<code>aiowrite(3)</code>	Unsafe
<code>aio_cancel(3R)</code>	MT-Safe
<code>aio_error(3R)</code>	Async-Signal-Safe
<code>aio_fsync(3R)</code>	MT-Safe
<code>aio_read(3R)</code>	MT-Safe
<code>aio_return(3R)</code>	Async-Signal-Safe
<code>aio_suspend(3R)</code>	Async-Signal-Safe
<code>aio_write(3R)</code>	MT-Safe
<code>alloca(3C)</code>	Safe
<code>arc(3)</code>	Safe
<code>ascftime(3C)</code>	MT-Safe
<code>asctime(3C)</code>	Unsafe, use <code>asctime_r()</code>
<code>asin(3M)</code>	MT-Safe
<code>asinh(3M)</code>	MT-Safe
<code>assert(3C)</code>	Safe
<code>atan(3M)</code>	MT-Safe
<code>atan2(3M)</code>	MT-Safe
<code>atanh(3M)</code>	MT-Safe
<code>atexit(3C)</code>	Safe
<code>atof(3C)</code>	MT-Safe
<code>atoi(3C)</code>	MT-Safe
<code>atol(3C)</code>	MT-Safe
<code>atoll(3C)</code>	MT-Safe
<code>attroff(3X)</code>	Unsafe
<code>attron(3X)</code>	Unsafe
<code>attrset(3X)</code>	Unsafe
<code>authdes_create(3N)</code>	Unsafe
<code>authdes_getucred(3N)</code>	MT-Safe
<code>authdes_seccreate(3N)</code>	MT-Safe
<code>authkerb_getucred(3N)</code>	Unsafe
<code>authkerb_seccreate(3N)</code>	Unsafe
<code>authnone_create(3N)</code>	MT-Safe
<code>authsys_create(3N)</code>	MT-Safe
<code>authsys_create_default(3N)</code>	MT-Safe

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<code>authunix_create(3N)</code>	Unsafe
<code>authunix_create_default(3N)</code>	Unsafe
<code>auth_destroy(3N)</code>	MT-Safe
<code>au_close(3)</code>	Safe
<code>au_open(3)</code>	Safe
<code>au_user_mask(3)</code>	MT-Safe
<code>au_write(3)</code>	Safe
<code>basename(3G)</code>	MT-Safe
<code>baudrate(3X)</code>	Unsafe
<code>beep(3X)</code>	Unsafe
<code>bessel(3M)</code>	MT-Safe
<code>bgets(3G)</code>	MT-Safe
<code>bind(3N)</code>	Safe
<code>bindtextdomain(3I)</code>	Safe with exceptions
<code>bkgd(3X)</code>	Unsafe
<code>bkgdset(3X)</code>	Unsafe
<code>border(3X)</code>	Unsafe
<code>bottom_panel(3X)</code>	Unsafe
<code>box(3)</code>	Safe
<code>box(3X)</code>	Unsafe
<code>bsearch(3C)</code>	Safe
<code>bufsplit(3G)</code>	MT-Safe
<code>byteorder(3N)</code>	Safe
<code>calloc(3C)</code>	Safe
<code>calloc(3X)</code>	Safe
<code>callrpc(3N)</code>	Unsafe
<code>cancellation(3T)</code>	MT-Safe
<code>can_change_color(3X)</code>	Unsafe
<code>catclose(3C)</code>	MT-Safe
<code>catgets(3C)</code>	MT-Safe
<code>catopen(3C)</code>	MT-Safe
<code>cbc_crypt(3)</code>	MT-Safe
<code>cbreak(3X)</code>	Unsafe
<code>cbrt(3M)</code>	MT-Safe
<code>ceil(3M)</code>	MT-Safe
<code>cfgetispeed(3)</code>	MT-Safe, Async-Signal-Safe
<code>cfgetospeed(3)</code>	MT-Safe, Async-Signal-Safe

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<code>cfree(3X)</code>	Safe
<code>cfsetispeed(3)</code>	MT-Safe, Async-Signal-Safe
<code>cfsetospeed(3)</code>	MT-Safe, Async-Signal-Safe
<code>cftime(3C)</code>	MT-Safe
<code>circle(3)</code>	Safe
<code>clear(3X)</code>	Unsafe
<code>clearerr(3S)</code>	MT-Safe
<code>clearok(3X)</code>	Unsafe
<code>clntraw_create(3N)</code>	Unsafe
<code>clnttcp_create(3N)</code>	Unsafe
<code>clntudp_bufcreate(3N)</code>	Unsafe
<code>clntudp_create(3N)</code>	Unsafe
<code>clnt_broadcast(3N)</code>	Unsafe
<code>clnt_call(3N)</code>	MT-Safe
<code>clnt_control(3N)</code>	MT-Safe
<code>clnt_create(3N)</code>	MT-Safe
<code>clnt_create_timed(3N)</code>	MT-Safe
<code>clnt_create_vers(3N)</code>	MT-Safe
<code>clnt_destroy(3N)</code>	MT-Safe
<code>clnt_dg_create(3N)</code>	MT-Safe
<code>clnt_freeres(3N)</code>	MT-Safe
<code>clnt_geterr(3N)</code>	MT-Safe
<code>clnt_pcreateerror(3N)</code>	MT-Safe
<code>clnt_perrno(3N)</code>	MT-Safe
<code>clnt_perror(3N)</code>	MT-Safe
<code>clnt_raw_create(3N)</code>	MT-Safe
<code>clnt_spccreateerror(3N)</code>	MT-Safe
<code>clnt_sperrno(3N)</code>	MT-Safe
<code>clnt_sperror(3N)</code>	MT-Safe
<code>clnt_tli_create(3N)</code>	MT-Safe
<code>clnt_tp_create(3N)</code>	MT-Safe
<code>clnt_tp_create_timed(3N)</code>	MT-Safe
<code>clnt_vc_create(3N)</code>	MT-Safe
<code>clock(3C)</code>	MT-Safe
<code>clock_gettime(3R)</code>	Async-Signal-Safe
<code>closedir(3C)</code>	Safe
<code>closelog(3)</code>	Safe

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<code>closepl(3)</code>	Safe
<code>closevt(3)</code>	Safe
<code>clrtobot(3X)</code>	Unsafe
<code>clrtoeol(3X)</code>	Unsafe
<code>color_content(3X)</code>	Unsafe
<code>compile(3G)</code>	MT-Safe
<code>condition(3T)</code>	MT-Safe
<code>cond_broadcast(3T)</code>	MT-Safe
<code>cond_destroy(3T)</code>	MT-Safe
<code>cond_init(3T)</code>	MT-Safe
<code>cond_signal(3T)</code>	MT-Safe
<code>cond_timedwait(3T)</code>	MT-Safe
<code>cond_wait(3T)</code>	MT-Safe
<code>confstr(3C)</code>	MT-Safe
<code>connect(3N)</code>	Safe
<code>cont(3)</code>	Safe
<code>conv(3C)</code>	MT-Safe with exceptions
<code>copylist(3G)</code>	MT-Safe
<code>copysign(3M)</code>	MT-Safe
<code>copywin(3X)</code>	Unsafe
<code>cos(3M)</code>	MT-Safe
<code>cosh(3M)</code>	MT-Safe
<code>crypt(3C)</code>	Safe
<code>crypt(3X)</code>	Unsafe
<code>cset(3I)</code>	MT-Safe with exceptions
<code>csetcol(3I)</code>	MT-Safe with exceptions
<code>csetlen(3I)</code>	MT-Safe with exceptions
<code>csetno(3I)</code>	MT-Safe with exceptions
<code>ctermid(3S)</code>	Unsafe, use <code>ctermid_r()</code>
<code>ctime(3C)</code>	Unsafe, use <code>ctime_r()</code>
<code>ctype(3C)</code>	MT-Safe with exceptions
<code>current_field(3X)</code>	Unsafe
<code>current_item(3X)</code>	Unsafe
<code>curses(3X)</code>	Unsafe
<code>curs_addch(3X)</code>	Unsafe
<code>curs_addchstr(3X)</code>	Unsafe
<code>curs_addstr(3X)</code>	Unsafe

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<code>curs_addwch(3X)</code>	Unsafe
<code>curs_addwchstr(3X)</code>	Unsafe
<code>curs_addwstr(3X)</code>	Unsafe
<code>curs_alecompat(3X)</code>	Unsafe
<code>curs_attr(3X)</code>	Unsafe
<code>curs_beep(3X)</code>	Unsafe
<code>curs_bkgd(3X)</code>	Unsafe
<code>curs_border(3X)</code>	Unsafe
<code>curs_clear(3X)</code>	Unsafe
<code>curs_color(3X)</code>	Unsafe
<code>curs_delch(3X)</code>	Unsafe
<code>curs_deleteln(3X)</code>	Unsafe
<code>curs_getch(3X)</code>	Unsafe
<code>curs_getstr(3X)</code>	Unsafe
<code>curs_getwch(3X)</code>	Unsafe
<code>curs_getwstr(3X)</code>	Unsafe
<code>curs_getyx(3X)</code>	Unsafe
<code>curs_inch(3X)</code>	Unsafe
<code>curs_inchstr(3X)</code>	Unsafe
<code>curs_initscr(3X)</code>	Unsafe
<code>curs_inopts(3X)</code>	Unsafe
<code>curs_insch(3X)</code>	Unsafe
<code>curs_insstr(3X)</code>	Unsafe
<code>curs_instr(3X)</code>	Unsafe
<code>curs_inswch(3X)</code>	Unsafe
<code>curs_inswstr(3X)</code>	Unsafe
<code>curs_inwch(3X)</code>	Unsafe
<code>curs_inwchstr(3X)</code>	Unsafe
<code>curs_inwstr(3X)</code>	Unsafe
<code>curs_kernel(3X)</code>	Unsafe
<code>curs_move(3X)</code>	Unsafe
<code>curs_outopts(3X)</code>	Unsafe
<code>curs_overlay(3X)</code>	Unsafe
<code>curs_pad(3X)</code>	Unsafe
<code>curs_printw(3X)</code>	Unsafe
<code>curs_refresh(3X)</code>	Unsafe
<code>curs_scanw(3X)</code>	Unsafe

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<code>curs_scroll(3X)</code>	Unsafe
<code>curs_scr_dump(3X)</code>	Unsafe
<code>curs_set(3X)</code>	Unsafe
<code>curs_slk(3X)</code>	Unsafe
<code>curs_termattrs(3X)</code>	Unsafe
<code>curs_termcap(3X)</code>	Unsafe
<code>curs_terminfo(3X)</code>	Unsafe
<code>curs_touch(3X)</code>	Unsafe
<code>curs_util(3X)</code>	Unsafe
<code>curs_window(3X)</code>	Unsafe
<code>cuserid(3S)</code>	MT-Safe
<code>data_ahead(3X)</code>	Unsafe
<code>data_behind(3X)</code>	Unsafe
<code>dbm_clearerr(3)</code>	Unsafe
<code>dbm_close(3)</code>	Unsafe
<code>dbm_delete(3)</code>	Unsafe
<code>dbm_error(3)</code>	Unsafe
<code>dbm_fetch(3)</code>	Unsafe
<code>dbm_firstkey(3)</code>	Unsafe
<code>dbm_nextkey(3)</code>	Unsafe
<code>dbm_open(3)</code>	Unsafe
<code>dbm_store(3)</code>	Unsafe
<code>db_add_entry(3N)</code>	Unsafe
<code>db_checkpoint(3N)</code>	Unsafe
<code>db_create_table(3N)</code>	Unsafe
<code>db_destroy_table(3N)</code>	Unsafe
<code>db_first_entry(3N)</code>	Unsafe
<code>db_free_result(3N)</code>	Unsafe
<code>db_initialize(3N)</code>	Unsafe
<code>db_list_entries(3N)</code>	Unsafe
<code>db_next_entry(3N)</code>	Unsafe
<code>db_remove_entry(3N)</code>	Unsafe
<code>db_reset_next_entry(3N)</code>	Unsafe
<code>db_standby(3N)</code>	Unsafe
<code>db_table_exists(3N)</code>	Unsafe
<code>db_unload_table(3N)</code>	Unsafe
<code>dcgettext(3I)</code>	Safe with exceptions

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<code>decimal_to_double(3)</code>	MT-Safe
<code>decimal_to_extended(3)</code>	MT-Safe
<code>decimal_to_floating(3)</code>	MT-Safe
<code>decimal_to_quadruple(3)</code>	MT-Safe
<code>decimal_to_single(3)</code>	MT-Safe
<code>def_prog_mode(3X)</code>	Unsafe
<code>def_shell_mode(3X)</code>	Unsafe
<code>delay_output(3X)</code>	Unsafe
<code>delch(3X)</code>	Unsafe
<code>deleteln(3X)</code>	Unsafe
<code>delscreen(3X)</code>	Unsafe
<code>delwin(3X)</code>	Unsafe
<code>del_curterm(3X)</code>	Unsafe
<code>del_panel(3X)</code>	Unsafe
<code>derwin(3X)</code>	Unsafe
<code>des_crypt(3)</code>	MT-Safe
<code>DES_FAILED(3)</code>	MT-Safe
<code>des_failed(3)</code>	MT-Safe
<code>des_setparity(3)</code>	MT-Safe
<code>dgettext(3I)</code>	Safe with exceptions
<code>dial(3N)</code>	Unsafe
<code>difftime(3C)</code>	MT-Safe
<code>dirname(3G)</code>	MT-Safe
<code>div(3C)</code>	MT-Safe
<code>dladdr(3X)</code>	MT-Safe
<code>dlclose(3X)</code>	MT-Safe
<code>dlerror(3X)</code>	MT-Safe
<code>dlopen(3X)</code>	MT-Safe
<code>dlsym(3X)</code>	MT-Safe
<code>dn_comp(3N)</code>	Unsafe
<code>dn_expand(3N)</code>	Unsafe
<code>doconfig(3N)</code>	Unsafe
<code>double_to_decimal(3)</code>	MT-Safe
<code>douupdate(3X)</code>	Unsafe
<code>drand48(3C)</code>	Safe
<code>dup2(3C)</code>	Unsafe, Async-Signal-Safe
<code>dupwin(3X)</code>	Unsafe

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<code>dup_field(3X)</code>	Unsafe
<code>dynamic_field_info(3X)</code>	Unsafe
<code>ecb_crypt(3)</code>	MT-Safe
<code>echo(3X)</code>	Unsafe
<code>echochar(3X)</code>	Unsafe
<code>echowchar(3X)</code>	Unsafe
<code>econvert(3)</code>	MT-Safe
<code>ecvt(3)</code>	MT-Safe
<code>ecvt(3C)</code>	Unsafe
<code>el(32_fsize.3E)</code>	Unsafe
<code>el(32_getehdr.3E)</code>	Unsafe
<code>el(32_getphdr.3E)</code>	Unsafe
<code>el(32_getshdr.3E)</code>	Unsafe
<code>el(32_newehdr.3E)</code>	Unsafe
<code>el(32_newphdr.3E)</code>	Unsafe
<code>el(32_xlatetof.3E)</code>	Unsafe
<code>el(32_xlatetom.3E)</code>	Unsafe
<code>elf(3E)</code>	Unsafe
<code>elf_begin(3E)</code>	Unsafe
<code>elf_cntl(3E)</code>	Unsafe
<code>elf_end(3E)</code>	Unsafe
<code>elf_errmsg(3E)</code>	Unsafe
<code>elf_errno(3E)</code>	Unsafe
<code>elf_fill(3E)</code>	Unsafe
<code>elf_flagdata(3E)</code>	Unsafe
<code>elf_flagehdr(3E)</code>	Unsafe
<code>elf_flagelf(3E)</code>	Unsafe
<code>elf_flagphdr(3E)</code>	Unsafe
<code>elf_flagscn(3E)</code>	Unsafe
<code>elf_flagshdr(3E)</code>	Unsafe
<code>elf_getarhdr(3E)</code>	Unsafe
<code>elf_getarsym(3E)</code>	Unsafe
<code>elf_getbase(3E)</code>	Unsafe
<code>elf_getdata(3E)</code>	Unsafe
<code>elf_getident(3E)</code>	Unsafe
<code>elf_getscn(3E)</code>	Unsafe
<code>elf_hash(3E)</code>	Unsafe

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<code>elf_kind(3E)</code>	Unsafe
<code>elf_memory(3E)</code>	Unsafe
<code>elf_ndxscn(3E)</code>	Unsafe
<code>elf_newdata(3E)</code>	Unsafe
<code>elf_newscn(3E)</code>	Unsafe
<code>elf_next(3E)</code>	Unsafe
<code>elf_nextscn(3E)</code>	Unsafe
<code>elf_rand(3E)</code>	Unsafe
<code>elf_rawdata(3E)</code>	Unsafe
<code>elf_rawfile(3E)</code>	Unsafe
<code>elf_strptr(3E)</code>	Unsafe
<code>elf_update(3E)</code>	Unsafe
<code>elf_version(3E)</code>	Unsafe
<code>encrypt(3C)</code>	Safe
<code>endac(3)</code>	Safe
<code>endauclass(3)</code>	MT-Safe
<code>endauevent(3)</code>	MT-Safe
<code>endauuser(3)</code>	MT-Safe
<code>endnetconfig(3N)</code>	MT-Safe
<code>endnetpath(3N)</code>	MT-Safe
<code>endutent(3C)</code>	Unsafe
<code>endutxent(3C)</code>	Unsafe
<code>endwin(3X)</code>	Unsafe
<code>erand48(3C)</code>	Safe
<code>erase(3)</code>	Safe
<code>erase(3X)</code>	Unsafe
<code>erasechar(3X)</code>	Unsafe
<code>erf(3M)</code>	MT-Safe
<code>erfc(3M)</code>	MT-Safe
<code>errno(3C)</code>	MT-Safe
<code>ethers(3N)</code>	MT-Safe
<code>ether_aton(3N)</code>	MT-Safe
<code>ether_hostton(3N)</code>	MT-Safe
<code>ether_line(3N)</code>	MT-Safe
<code>ether_ntoa(3N)</code>	MT-Safe
<code>ether_ntohost(3N)</code>	MT-Safe
<code>euccol(3I)</code>	Safe

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<code>euclen(3I)</code>	Safe
<code>eucscol(3I)</code>	Safe
<code>exit(3C)</code>	Safe
<code>exp(3M)</code>	MT-Safe
<code>expm1(3M)</code>	MT-Safe
<code>extended_to_decimal(3)</code>	MT-Safe
<code>fabs(3M)</code>	MT-Safe
<code>fattach(3C)</code>	MT-Safe
<code>fclose(3S)</code>	MT-Safe
<code>fconvert(3)</code>	MT-Safe
<code>fcvt(3)</code>	MT-Safe
<code>fcvt(3C)</code>	Unsafe
<code>fdatasync(3R)</code>	Async-Signal-Safe
<code>fdetach(3C)</code>	Unsafe
<code>fdopen(3S)</code>	MT-Safe
<code>feof(3S)</code>	MT-Safe
<code>ferror(3S)</code>	MT-Safe
<code>fflush(3S)</code>	MT-Safe
<code>ffs(3C)</code>	MT-Safe
<code>fgetc(3S)</code>	MT-Safe
<code>fgetgrent(3C)</code>	Unsafe, use <code>fgetgrent_r()</code>
<code>fgetpos(3C)</code>	MT-Safe
<code>fgetpwent(3C)</code>	Unsafe, use <code>fgetpwent_r()</code>
<code>fgets(3S)</code>	MT-Safe
<code>fgetspent(3C)</code>	Unsafe, use <code>fgetspent_r()</code>
<code>fgetwc(3I)</code>	MT-Safe
<code>fgetws(3I)</code>	MT-Safe
<code>field_arg(3X)</code>	Unsafe
<code>field_back(3X)</code>	Unsafe
<code>field_buffer(3X)</code>	Unsafe
<code>field_count(3X)</code>	Unsafe
<code>field_fore(3X)</code>	Unsafe
<code>field_index(3X)</code>	Unsafe
<code>field_info(3X)</code>	Unsafe
<code>field_init(3X)</code>	Unsafe
<code>field_just(3X)</code>	Unsafe
<code>field_opts(3X)</code>	Unsafe

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<code>field_opts_off(3X)</code>	Unsafe
<code>field_opts_on(3X)</code>	Unsafe
<code>field_pad(3X)</code>	Unsafe
<code>field_status(3X)</code>	Unsafe
<code>field_term(3X)</code>	Unsafe
<code>field_type(3X)</code>	Unsafe
<code>field_userptr(3X)</code>	Unsafe
<code>fileno(3S)</code>	MT-Safe
<code>file_to_decimal(3)</code>	MT-Safe
<code>filter(3X)</code>	Unsafe
<code>finite(3C)</code>	MT-Safe
<code>flash(3X)</code>	Unsafe
<code>floating_to_decimal(3)</code>	MT-Safe
<code>flockfile(3S)</code>	MT-Safe
<code>floor(3M)</code>	MT-Safe
<code>flushinp(3X)</code>	Unsafe
<code>fmod(3M)</code>	MT-Safe
<code>fmtmsg(3C)</code>	Safe
<code>fnmatch(3C)</code>	MT-Safe
<code>fn_attribute_add(3N)</code>	Safe
<code>fn_attribute_assign(3N)</code>	Safe
<code>fn_attribute_copy(3N)</code>	Safe
<code>fn_attribute_create(3N)</code>	Safe
<code>fn_attribute_destroy(3N)</code>	Safe
<code>fn_attribute_first(3N)</code>	Safe
<code>fn_attribute_identifier(3N)</code>	Safe
<code>fn_attribute_next(3N)</code>	Safe
<code>fn_attribute_remove(3N)</code>	Safe
<code>fn_attribute_syntax(3N)</code>	Safe
<code>FN_attribute_t(3N)</code>	Safe
<code>fn_attribute_valuecount(3N)</code>	Safe
<code>fn_attrmodlist_add(3N)</code>	Safe
<code>fn_attrmodlist_assign(3N)</code>	Safe
<code>fn_attrmodlist_copy(3N)</code>	Safe
<code>fn_attrmodlist_count(3N)</code>	Safe
<code>fn_attrmodlist_create(3N)</code>	Safe
<code>fn_attrmodlist_destroy(3N)</code>	Safe

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<code>fn_attrmodlist_first(3N)</code>	Safe
<code>fn_attrmodlist_next(3N)</code>	Safe
<code>FN_attrmodlist_t(3N)</code>	Safe
<code>fn_attrset_add(3N)</code>	Safe
<code>fn_attrset_assign(3N)</code>	Safe
<code>fn_attrset_copy(3N)</code>	Safe
<code>fn_attrset_count(3N)</code>	Safe
<code>fn_attrset_create(3N)</code>	Safe
<code>fn_attrset_destroy(3N)</code>	Safe
<code>fn_attrset_first(3N)</code>	Safe
<code>fn_attrset_get(3N)</code>	Safe
<code>fn_attrset_next(3N)</code>	Safe
<code>fn_attrset_remove(3N)</code>	Safe
<code>FN_attrset_t(3N)</code>	Safe
<code>fn_attr_get(3N)</code>	Safe
<code>fn_attr_get_ids(3N)</code>	Safe
<code>fn_attr_get_values(3N)</code>	Safe
<code>fn_attr_modify(3N)</code>	Safe
<code>fn_attr_multi_get(3N)</code>	Safe
<code>fn_attr_multi_modify(3N)</code>	Safe
<code>fn_bindinglist_destroy(3N)</code>	Safe
<code>fn_bindinglist_next(3N)</code>	Safe
<code>FN_bindinglist_t(3N)</code>	Safe
<code>fn_composite_name_append_comp(3N)</code>	Safe
<code>fn_composite_name_append_name(3N)</code>	Safe
<code>fn_composite_name_assign(3N)</code>	Safe
<code>fn_composite_name_copy(3N)</code>	Safe
<code>fn_composite_name_count(3N)</code>	Safe
<code>fn_composite_name_create(3N)</code>	Safe
<code>fn_composite_name_delete_comp(3N)</code>	Safe
<code>fn_composite_name_destroy(3N)</code>	Safe
<code>fn_composite_name_first(3N)</code>	Safe
<code>fn_composite_name_from_string(3N)</code>	Safe
<code>fn_composite_name_insert_comp(3N)</code>	Safe
<code>fn_composite_name_insert_name(3N)</code>	Safe
<code>fn_composite_name_is_empty(3N)</code>	Safe
<code>fn_composite_name_is_equal(3N)</code>	Safe

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<code>fn_composite_name_is_prefix(3N)</code>	Safe
<code>fn_composite_name_is_suffix(3N)</code>	Safe
<code>fn_composite_name_last(3N)</code>	Safe
<code>fn_composite_name_next(3N)</code>	Safe
<code>fn_composite_name_prefix(3N)</code>	Safe
<code>fn_composite_name_prepend_comp(3N)</code>	Safe
<code>fn_composite_name_prepend_name(3N)</code>	Safe
<code>fn_composite_name_prev(3N)</code>	Safe
<code>fn_composite_name_suffix(3N)</code>	Safe
<code>FN_composite_name_t(3N)</code>	Safe
<code>fn_compound_name_append_comp(3N)</code>	Safe
<code>fn_compound_name_assign(3N)</code>	Safe
<code>fn_compound_name_copy(3N)</code>	Safe
<code>fn_compound_name_count(3N)</code>	Safe
<code>fn_compound_name_delete_all(3N)</code>	Safe
<code>fn_compound_name_delete_comp(3N)</code>	Safe
<code>fn_compound_name_destroy(3N)</code>	Safe
<code>fn_compound_name_first(3N)</code>	Safe
<code>fn_compound_name_from_syntax_attrs</code>	Safe
<code>fn_compound_name_get_syntax_attrs(3N</code> <code>)</code>	Safe
<code>fn_compound_name_insert_comp(3N)</code>	Safe
<code>fn_compound_name_is_empty(3N)</code>	Safe
<code>fn_compound_name_is_equal(3N)</code>	Safe
<code>fn_compound_name_is_prefix(3N)</code>	Safe
<code>fn_compound_name_is_suffix(3N)</code>	Safe
<code>fn_compound_name_last(3N)</code>	Safe
<code>fn_compound_name_next(3N)</code>	Safe
<code>fn_compound_name_prefix(3N)</code>	Safe
<code>fn_compound_name_prepend_comp(3N)</code>	Safe
<code>fn_compound_name_prev(3N)</code>	Safe
<code>fn_compound_name_suffix(3N)</code>	Safe
<code>FN_compound_name_t(3N)</code>	Safe
<code>fn_ctx_bind(3N)</code>	Safe
<code>fn_ctx_create_subcontext(3N)</code>	Safe
<code>fn_ctx_destroy_subcontext(3N)</code>	Safe
<code>fn_ctx_get_ref(3N)</code>	Safe

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<code>fn_ctx_get_syntax_attrs(3N)</code>	Safe
<code>fn_ctx_handle_destroy(3N)</code>	Safe
<code>fn_ctx_handle_from_initial(3N)</code>	MT-Safe
<code>fn_ctx_handle_from_ref(3N)</code>	Safe
<code>fn_ctx_list_bindings(3N)</code>	Safe
<code>fn_ctx_list_names(3N)</code>	Safe
<code>fn_ctx_lookup(3N)</code>	Safe
<code>fn_ctx_lookup_link(3N)</code>	Safe
<code>fn_ctx_rename(3N)</code>	Safe
<code>FN_ctx_t(3N)</code>	Safe
<code>fn_ctx_unbind(3N)</code>	Safe
<code>fn_multigetlist_destroy(3N)</code>	Safe
<code>fn_multigetlist_next(3N)</code>	Safe
<code>FN_multigetlist_t(3N)</code>	Safe
<code>fn_namelist_destroy(3N)</code>	Safe
<code>fn_namelist_next(3N)</code>	Safe
<code>FN_namelist_t(3N)</code>	Safe
<code>fn_ref_addrcount(3N)</code>	Safe
<code>fn_ref_addr_assign(3N)</code>	Safe
<code>fn_ref_addr_copy(3N)</code>	Safe
<code>fn_ref_addr_create(3N)</code>	Safe
<code>fn_ref_addr_data(3N)</code>	Safe
<code>fn_ref_addr_description(3N)</code>	Safe
<code>fn_ref_addr_destroy(3N)</code>	Safe
<code>fn_ref_addr_length(3N)</code>	Safe
<code>FN_ref_addr_t(3N)</code>	Safe
<code>fn_ref_addr_type(3N)</code>	Safe
<code>fn_ref_append_addr(3N)</code>	Safe
<code>fn_ref_assign(3N)</code>	Safe
<code>fn_ref_copy(3N)</code>	Safe
<code>fn_ref_create(3N)</code>	Safe
<code>fn_ref_create_link(3N)</code>	Safe
<code>fn_ref_delete_addr(3N)</code>	Safe
<code>fn_ref_delete_all(3N)</code>	Safe
<code>fn_ref_description(3N)</code>	Safe
<code>fn_ref_destroy(3N)</code>	Safe
<code>fn_ref_first(3N)</code>	Safe

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<code>fn_ref_insert_addr(3N)</code>	Safe
<code>fn_ref_is_link(3N)</code>	Safe
<code>fn_ref_link_name(3N)</code>	Safe
<code>fn_ref_next(3N)</code>	Safe
<code>fn_ref_prepend_addr(3N)</code>	Safe
<code>FN_ref_t(3N)</code>	Safe
<code>fn_ref_type(3N)</code>	Safe
<code>fn_status_advance_by_name(3N)</code>	Safe
<code>fn_status_append_remaining_name(3N)</code>	Safe
<code>fn_status_append_resolved_name(3N)</code>	Safe
<code>fn_status_assign(3N)</code>	Safe
<code>fn_status_code(3N)</code>	Safe
<code>fn_status_copy(3N)</code>	Safe
<code>fn_status_create(3N)</code>	Safe
<code>fn_status_description(3N)</code>	Safe
<code>fn_status_destroy(3N)</code>	Safe
<code>fn_status_diagnostic_message(3N)</code>	Safe
<code>fn_status_is_success(3N)</code>	Safe
<code>fn_status_link_code(3N)</code>	Safe
<code>fn_status_link_diagnostic_message(3N)</code>	Safe
<code>fn_status_link_remaining_name(3N)</code>	Safe
<code>fn_status_link_resolved_name(3N)</code>	Safe
<code>fn_status_link_resolved_ref(3N)</code>	Safe
<code>fn_status_remaining_name(3N)</code>	Safe
<code>fn_status_resolved_name(3N)</code>	Safe
<code>fn_status_resolved_ref(3N)</code>	Safe
<code>fn_status_set(3N)</code>	Safe
<code>fn_status_set_code(3N)</code>	Safe
<code>fn_status_set_diagnostic_message(3N)</code>	Safe
<code>fn_status_set_link_code(3N)</code>	Safe
<code>fn_status_set_link_diagnostic_message(3N)</code>	Safe
<code>fn_status_set_link_remaining_name(3N)</code>	Safe
<code>fn_status_set_link_resolved_name(3N)</code>	Safe
<code>fn_status_set_link_resolved_ref(3N)</code>	Safe

Table B-1 MT Safety Levels of Library Routines

<code>fn_status_set_remaining_name(3N)</code>	Safe
<code>fn_status_set_resolved_name(3N)</code>	Safe
<code>fn_status_set_resolved_ref(3N)</code>	Safe
<code>fn_status_set_success(3N)</code>	Safe
<code>FN_status_t(3N)</code>	Safe
<code>fn_string_assign(3N)</code>	Safe
<code>fn_string_bytecount(3N)</code>	Safe
<code>fn_string_charcount(3N)</code>	Safe
<code>fn_string_code_set(3N)</code>	Safe
<code>fn_string_compare(3N)</code>	Safe
<code>fn_string_compare_substring(3N)</code>	Safe
<code>fn_string_contents(3N)</code>	Safe
<code>fn_string_copy(3N)</code>	Safe
<code>fn_string_create(3N)</code>	Safe
<code>fn_string_destroy(3N)</code>	Safe
<code>fn_string_from_composite_name(3N)</code>	Safe
<code>fn_string_from_compound_name(3N)</code>	Safe
<code>fn_string_from_contents(3N)</code>	Safe
<code>fn_string_from_str(3N)</code>	Safe
<code>fn_string_from_strings(3N)</code>	Safe
<code>fn_string_from_str_n(3N)</code>	Safe
<code>fn_string_from_substring(3N)</code>	Safe
<code>fn_string_is_empty(3N)</code>	Safe
<code>fn_string_next_substring(3N)</code>	Safe
<code>fn_string_prev_substring(3N)</code>	Safe
<code>fn_string_str(3N)</code>	Safe
<code>FN_string_t(3N)</code>	Safe
<code>fn_valuelist_destroy(3N)</code>	Safe
<code>fn_valuelist_next(3N)</code>	Safe
<code>FN_valuelist_t(3N)</code>	Safe
<code>fopen(3S)</code>	MT-Safe
<code>forms(3X)</code>	Unsafe
<code>form_cursor(3X)</code>	Unsafe
<code>form_data(3X)</code>	Unsafe
<code>form_driver(3X)</code>	Unsafe
<code>form_field(3X)</code>	Unsafe
<code>form_fields(3X)</code>	Unsafe

Table B-1 MT Safety Levels of Library Routines

<code>form_fieldtype(3X)</code>	Unsafe
<code>form_field_attributes(3X)</code>	Unsafe
<code>form_field_buffer(3X)</code>	Unsafe
<code>form_field_info(3X)</code>	Unsafe
<code>form_field_just(3X)</code>	Unsafe
<code>form_field_new(3X)</code>	Unsafe
<code>form_field_opts(3X)</code>	Unsafe
<code>form_field_userptr(3X)</code>	Unsafe
<code>form_field_validation(3X)</code>	Unsafe
<code>form_hook(3X)</code>	Unsafe
<code>form_init(3X)</code>	Unsafe
<code>form_new(3X)</code>	Unsafe
<code>form_new_page(3X)</code>	Unsafe
<code>form_opts(3X)</code>	Unsafe
<code>form_opts_off(3X)</code>	Unsafe
<code>form_opts_on(3X)</code>	Unsafe
<code>form_page(3X)</code>	Unsafe
<code>form_post(3X)</code>	Unsafe
<code>form_sub(3X)</code>	Unsafe
<code>form_term(3X)</code>	Unsafe
<code>form_userptr(3X)</code>	Unsafe
<code>form_win(3X)</code>	Unsafe
<code>fpclass(3C)</code>	MT-Safe
<code>fpgetmask(3C)</code>	MT-Safe
<code>fpgetround(3C)</code>	MT-Safe
<code>fpgetsticky(3C)</code>	MT-Safe
<code>fprintf(3S)</code>	MT-Safe except with <code>setlocale()</code>
<code>fpsetmask(3C)</code>	MT-Safe
<code>fpsetround(3C)</code>	MT-Safe
<code>fpsetsticky(3C)</code>	MT-Safe
<code>fputc(3S)</code>	MT-Safe
<code>fputs(3S)</code>	MT-Safe
<code>fputwc(3I)</code>	MT-Safe
<code>fputws(3I)</code>	MT-Safe
<code>fread(3S)</code>	MT-Safe
<code>free(3C)</code>	Safe
<code>free(3X)</code>	Safe

Table B-1 MT Safety Levels of Library Routines

<code>freenetconfignt(3N)</code>	MT-Safe
<code>free_field(3X)</code>	Unsafe
<code>free_fielddtype(3X)</code>	Unsafe
<code>free_form(3X)</code>	Unsafe
<code>free_item(3X)</code>	Unsafe
<code>free_menu(3X)</code>	Unsafe
<code>freopen(3S)</code>	MT-Safe
<code>frexp(3C)</code>	MT-Safe
<code>fscanf(3S)</code>	MT-Safe
<code>fseek(3S)</code>	MT-Safe
<code>fsetpos(3C)</code>	MT-Safe
<code>fsync(3C)</code>	Async-Signal-Safe
<code>ftell(3S)</code>	MT-Safe
<code>ftok(3C)</code>	MT-Safe
<code>ftruncate(3C)</code>	MT-Safe
<code>ftrylockfile(3S)</code>	MT-Safe
<code>ftw(3C)</code>	Safe
<code>func_to_decimal(3)</code>	MT-Safe
<code>funlockfile(3S)</code>	MT-Safe
<code>fwrite(3S)</code>	MT-Safe
<code>gconvert(3)</code>	MT-Safe
<code>gcvt(3)</code>	MT-Safe
<code>gcvt(3C)</code>	Unsafe
<code>getacdir(3)</code>	Safe
<code>getacflg(3)</code>	Safe
<code>getacinfo(3)</code>	Safe
<code>getacmin(3)</code>	Safe
<code>getacna(3)</code>	Safe
<code>getaclassent(3)</code>	Unsafe
<code>getaclassent_r(3)</code>	MT-Safe
<code>getaclassnam(3)</code>	Unsafe
<code>getaclassnam_r(3)</code>	MT-Safe
<code>getauditflags(3)</code>	MT-Safe
<code>getauditflagsbin(3)</code>	MT-Safe
<code>getauditflagschar(3)</code>	MT-Safe
<code>getauevent(3)</code>	Unsafe
<code>getauevent_r(3)</code>	MT-Safe

Table B-1 MT Safety Levels of Library Routines

<code>getauevnam(3)</code>	Unsafe
<code>getauevnam_r(3)</code>	MT-Safe
<code>getauevnonam(3)</code>	MT-Safe
<code>getauevnum(3)</code>	Unsafe
<code>getauevnum_r(3)</code>	MT-Safe
<code>getauuserent(3)</code>	Unsafe
<code>getauusernam(3)</code>	Unsafe
<code>getbegyx(3X)</code>	Unsafe
<code>getc(3S)</code>	MT-Safe
<code>getch(3X)</code>	Unsafe
<code>getchar(3S)</code>	MT-Safe
<code>getcwd(3C)</code>	Safe
<code>getdate(3C)</code>	MT-Safe
<code>getenv(3C)</code>	Safe
<code>getfauditflags(3)</code>	MT-Safe
<code>getgrent(3C)</code>	Unsafe, use <code>getgrent_r()</code>
<code>getgrgid(3C)</code>	Unsafe, use <code>getgrgid_r()</code>
<code>getgrnam(3C)</code>	Unsafe, use <code>getgrnam_r()</code>
<code>gethostbyaddr(3N)</code>	Unsafe, use <code>gethostbyaddr_r()</code>
<code>gethostbyname(3N)</code>	Unsafe, use <code>gethostbyname_r()</code>
<code>gethrtime(3C)</code>	MT-Safe
<code>gethrvtime(3C)</code>	MT-Safe
<code>getlogin(3C)</code>	Unsafe, use <code>getlogin_r()</code>
<code>getmaxyx(3X)</code>	Unsafe
<code>getmntany(3C)</code>	Safe
<code>getmntent(3C)</code>	Safe
<code>getnetbyaddr(3N)</code>	Unsafe, use <code>getnetbyaddr_r()</code>
<code>getnetbyname(3N)</code>	Unsafe, use <code>getnetbyname_r()</code>
<code>getnetconfig(3N)</code>	MT-Safe
<code>getnetconfigent(3N)</code>	MT-Safe
<code>getnetgrent(3N)</code>	Unsafe, use <code>getnetgrent_r()</code>
<code>getnetname(3N)</code>	MT-Safe
<code>getnetpath(3N)</code>	MT-Safe
<code>getnwstr(3X)</code>	Unsafe
<code>getopt(3C)</code>	Unsafe
<code>getparyx(3X)</code>	Unsafe
<code>getpass(3C)</code>	Unsafe

Table B-1 MT Safety Levels of Library Routines

getpeername (3N)	Safe
getprotobyname (3N)	Unsafe, use getprotobyname_r()
getprotobynumber (3N)	Unsafe, use getprotobynumber_r()
getprotoent (3N)	Unsafe, use getprotoent_r()
getpublickey (3N)	Safe
getpw (3C)	Safe
getpwent (3C)	Unsafe, use getpwent_r()
getpwnam (3C)	Unsafe, use getpwnam_r()
getpwuid (3C)	Unsafe, use getpwuid_r()
getrpcbyname (3N)	Unsafe, use getrpcbyname_r()
getrpcbynumber (3N)	Unsafe, use getrpcbynumber_r()
getrpccent (3N)	Unsafe, use getrpccent_r()
getrpcport (3N)	Unsafe
gets (3S)	MT-Safe
getsecretkey (3N)	Safe
getservbyname (3N)	Unsafe, use getservbyname_r()
getservbyport (3N)	Unsafe, use getservbyport_r()
getservent (3N)	Unsafe, use getservent_r()
getsockname (3N)	Safe
getsockopt (3N)	Safe
getspent (3C)	Unsafe, use getspent_r()
getspnam (3C)	Unsafe, use getspnam_r()
getstr (3X)	Unsafe
getsubopt (3C)	MT-Safe
getsyx (3X)	Unsafe
gettext (3I)	Safe with exceptions
gettimeofday (3C)	MT-Safe
gettxt (3C)	Safe with exceptions
getutent (3C)	Unsafe
getutid (3C)	Unsafe
getutline (3C)	Unsafe
getutmp (3C)	Unsafe
getutmpx (3C)	Unsafe
getutxent (3C)	Unsafe
getutxid (3C)	Unsafe
getutxline (3C)	Unsafe
getvfsany (3C)	Safe

Table B-1 MT Safety Levels of Library Routines

<code>getvfsent(3C)</code>	Safe
<code>getvfsfile(3C)</code>	Safe
<code>getvfsspec(3C)</code>	Safe
<code>getw(3S)</code>	MT-Safe
<code>getwc(3I)</code>	MT-Safe
<code>getwch(3X)</code>	Unsafe
<code>getwchar(3I)</code>	MT-Safe
<code>getwidth(3I)</code>	MT-Safe with exceptions
<code>getwin(3X)</code>	Unsafe
<code>getws(3I)</code>	MT-Safe
<code>getwstr(3X)</code>	Unsafe
<code>getyx(3X)</code>	Unsafe
<code>get_myaddress(3N)</code>	Unsafe
<code>gmatch(3G)</code>	MT-Safe
<code>gmtime(3C)</code>	Unsafe, use <code>gmtime_r()</code>
<code>grantpt(3C)</code>	Safe
<code>gsignal(3C)</code>	Unsafe
<code>halfdelay(3X)</code>	Unsafe
<code>hasmntopt(3C)</code>	Safe
<code>has_colors(3X)</code>	Unsafe
<code>has_ic(3X)</code>	Unsafe
<code>has_il(3X)</code>	Unsafe
<code>havedisk(3N)</code>	MT-Safe
<code>hcreate(3C)</code>	Safe
<code>hdestroy(3C)</code>	Safe
<code>hide_panel(3X)</code>	Unsafe
<code>host2netname(3N)</code>	MT-Safe
<code>hsearch(3C)</code>	Safe
<code>htonl(3N)</code>	Safe
<code>htons(3N)</code>	Safe
<code>hyperbolic(3M)</code>	MT-Safe
<code>hypot(3M)</code>	MT-Safe
<code>iconv(3)</code>	MT-Safe
<code>iconv_close(3)</code>	MT-Safe
<code>iconv_open(3)</code>	MT-Safe
<code>idcok(3X)</code>	Unsafe
<code>idl原因ok(3X)</code>	Unsafe

Table B-1 MT Safety Levels of Library Routines

<code>ieee_functions(3M)</code>	MT-Safe
<code>ieee_test(3M)</code>	MT-Safe
<code>ilogb(3M)</code>	MT-Safe
<code>immedok(3X)</code>	Unsafe
<code>inch(3X)</code>	Unsafe
<code>inchnstr(3X)</code>	Unsafe
<code>inchstr(3X)</code>	Unsafe
<code>inet(3N)</code>	Safe
<code>inet_addr(3N)</code>	Safe
<code>inet_lnaof(3N)</code>	Safe
<code>inet_makeaddr(3N)</code>	Safe
<code>inet_netof(3N)</code>	Safe
<code>inet_network(3N)</code>	Safe
<code>inet_ntoa(3N)</code>	Safe
<code>initgroups(3C)</code>	Unsafe
<code>initscr(3X)</code>	Unsafe
<code>init_color(3X)</code>	Unsafe
<code>init_pair(3X)</code>	Unsafe
<code>innstr(3X)</code>	Unsafe
<code>innwstr(3X)</code>	Unsafe
<code>insch(3X)</code>	Unsafe
<code>insdelln(3X)</code>	Unsafe
<code>insertln(3X)</code>	Unsafe
<code>insnstr(3X)</code>	Unsafe
<code>insnwstr(3X)</code>	Unsafe
<code>insque(3C)</code>	Unsafe
<code>insstr(3X)</code>	Unsafe
<code>instr(3X)</code>	Unsafe
<code>inswch(3X)</code>	Unsafe
<code>inswstr(3X)</code>	Unsafe
<code>intrflush(3X)</code>	Unsafe
<code>inwch(3X)</code>	Unsafe
<code>inwchnstr(3X)</code>	Unsafe
<code>inwchstr(3X)</code>	Unsafe
<code>inwstr(3X)</code>	Unsafe
<code>isalnum(3C)</code>	MT-Safe with exceptions
<code>isalpha(3C)</code>	MT-Safe with exceptions

Table B-1 MT Safety Levels of Library Routines

<code>isascii(3C)</code>	MT-Safe with exceptions
<code>isastream(3C)</code>	MT-Safe
<code>iscntrl(3C)</code>	MT-Safe with exceptions
<code>isdigit(3C)</code>	MT-Safe with exceptions
<code>isencrypt(3G)</code>	MT-Safe
<code>isendwin(3X)</code>	Unsafe
<code>isenglish(3I)</code>	MT-Safe with exceptions
<code>isgraph(3C)</code>	MT-Safe with exceptions
<code>isideogram(3I)</code>	MT-Safe with exceptions
<code>islower(3C)</code>	MT-Safe with exceptions
<code>isnan(3C)</code>	MT-Safe
<code>isnan(3M)</code>	MT-Safe
<code>isnand(3C)</code>	MT-Safe
<code>isnanf(3C)</code>	MT-Safe
<code>isnumber(3I)</code>	MT-Safe with exceptions
<code>isphonogram(3I)</code>	MT-Safe with exceptions
<code>isprint(3C)</code>	MT-Safe with exceptions
<code>ispunct(3C)</code>	MT-Safe with exceptions
<code>isspace(3C)</code>	MT-Safe with exceptions
<code>isspecial(3I)</code>	MT-Safe with exceptions
<code>isupper(3C)</code>	MT-Safe with exceptions
<code>iswalnum(3I)</code>	MT-Safe with exceptions
<code>iswalpha(3I)</code>	MT-Safe with exceptions
<code>iswascii(3I)</code>	MT-Safe with exceptions
<code>iswcntrl(3I)</code>	MT-Safe with exceptions
<code>iswctype(3I)</code>	MT-Safe
<code>iswdigit(3I)</code>	MT-Safe with exceptions
<code>iswgraph(3I)</code>	MT-Safe with exceptions
<code>iswlower(3I)</code>	MT-Safe with exceptions
<code>iswprint(3I)</code>	MT-Safe with exceptions
<code>iswpunct(3I)</code>	MT-Safe with exceptions
<code>iswspace(3I)</code>	MT-Safe with exceptions
<code>iswupper(3I)</code>	MT-Safe with exceptions
<code>iswxdigit(3I)</code>	MT-Safe with exceptions
<code>isxdigit(3C)</code>	MT-Safe with exceptions
<code>is_linetouched(3X)</code>	Unsafe
<code>is_wintouched(3X)</code>	Unsafe

Table B-1 MT Safety Levels of Library Routines

<code>item_count(3X)</code>	Unsafe
<code>item_description(3X)</code>	Unsafe
<code>item_index(3X)</code>	Unsafe
<code>item_init(3X)</code>	Unsafe
<code>item_name(3X)</code>	Unsafe
<code>item_opts(3X)</code>	Unsafe
<code>item_opts_off(3X)</code>	Unsafe
<code>item_opts_on(3X)</code>	Unsafe
<code>item_term(3X)</code>	Unsafe
<code>item_userptr(3X)</code>	Unsafe
<code>item_value(3X)</code>	Unsafe
<code>item_visible(3X)</code>	Unsafe
<code>j0(3M)</code>	MT-Safe
<code>j1(3M)</code>	MT-Safe
<code>jn(3M)</code>	MT-Safe
<code>jrand48(3C)</code>	Safe
<code>kerberos(3N)</code>	Unsafe
<code>kerberos_rpc(3N)</code>	Unsafe
<code>keyname(3X)</code>	Unsafe
<code>keypad(3X)</code>	Unsafe
<code>key_decryptsession(3N)</code>	MT-Safe
<code>key_encryptsession(3N)</code>	MT-Safe
<code>key_gendes(3N)</code>	MT-Safe
<code>key_secretkey_is_set(3N)</code>	MT-Safe
<code>key_setsecret(3N)</code>	MT-Safe
<code>killchar(3X)</code>	Unsafe
<code>krb_get_admhst(3N)</code>	Unsafe
<code>krb_get_cred(3N)</code>	Unsafe
<code>krb_get_krbhst(3N)</code>	Unsafe
<code>krb_get_lrealm(3N)</code>	Unsafe
<code>krb_get_phost(3N)</code>	Unsafe
<code>krb_kntoln(3N)</code>	Unsafe
<code>krb_mk_err(3N)</code>	Unsafe
<code>krb_mk_req(3N)</code>	Unsafe
<code>krb_mk_safe(3N)</code>	Unsafe
<code>krb_net_read(3N)</code>	Unsafe
<code>krb_net_write(3N)</code>	Unsafe

Table B-1 MT Safety Levels of Library Routines

<code>krb_rd_err(3N)</code>	Unsafe
<code>krb_rd_req(3N)</code>	Unsafe
<code>krb_rd_safe(3N)</code>	Unsafe
<code>krb_realmofhost(3N)</code>	Unsafe
<code>krb_recvauth(3N)</code>	Unsafe
<code>krb_sendauth(3N)</code>	Unsafe
<code>krb_set_key(3N)</code>	Unsafe
<code>krb_set_tkt_string(3N)</code>	Unsafe
<code>kvm_close(3K)</code>	Unsafe
<code>kvm_getcmd(3K)</code>	Unsafe
<code>kvm_getproc(3K)</code>	Unsafe
<code>kvm_getu(3K)</code>	Unsafe
<code>kvm_kread(3K)</code>	Unsafe
<code>kvm_kwrite(3K)</code>	Unsafe
<code>kvm_nextproc(3K)</code>	Unsafe
<code>kvm_nlist(3K)</code>	Unsafe
<code>kvm_open(3K)</code>	Unsafe
<code>kvm_read(3K)</code>	Unsafe
<code>kvm_setproc(3K)</code>	Unsafe
<code>kvm_uread(3K)</code>	Unsafe
<code>kvm_uwrite(3K)</code>	Unsafe
<code>kvm_write(3K)</code>	Unsafe
<code>l64a(3C)</code>	MT-Safe
<code>label(3)</code>	Safe
<code>labs(3C)</code>	MT-Safe
<code>lckpddf(3C)</code>	MT-Safe
<code>lcong48(3C)</code>	Safe
<code>ldexp(3C)</code>	MT-Safe
<code>ldiv(3C)</code>	MT-Safe
<code>leaveok(3X)</code>	Unsafe
<code>lfind(3C)</code>	Safe
<code>lfmt(3C)</code>	MT-safe
<code>lgamma(3M)</code>	Unsafe, use <code>lgamma_r()</code>
<code>libpthread(3T)</code>	Fork1-Safe,MT-Safe,Async-Signal-Safe
<code>libthread(3T)</code>	Fork1-Safe,MT-Safe,Async-Signal-Safe
<code>line(3)</code>	Safe
<code>link_field(3X)</code>	Unsafe

Table B-1 MT Safety Levels of Library Routines

<code>link_fieldtype(3X)</code>	Unsafe
<code>linmod(3)</code>	Safe
<code>lio_listio(3R)</code>	MT-Safe
<code>listen(3N)</code>	Safe
<code>llabs(3C)</code>	MT-Safe
<code>lldiv(3C)</code>	MT-Safe
<code>lltostr(3C)</code>	MT-Safe
<code>localeconv(3C)</code>	Safe with exceptions
<code>localtime(3C)</code>	Unsafe, use <code>localtime_r()</code>
<code>lockf(3C)</code>	MT-Safe
<code>log(3M)</code>	MT-Safe
<code>log10(3M)</code>	MT-Safe
<code>loglp(3M)</code>	MT-Safe
<code>logb(3C)</code>	MT-Safe
<code>logb(3M)</code>	MT-Safe
<code>longjmp(3C)</code>	Unsafe
<code>longname(3X)</code>	Unsafe
<code>lrand48(3C)</code>	Safe
<code>lsearch(3C)</code>	Safe
<code>madvise(3)</code>	MT-Safe
<code>maillock(3X)</code>	Unsafe
<code>major(3C)</code>	MT-Safe
<code>makecontext(3C)</code>	MT-Safe
<code>makedev(3C)</code>	MT-Safe
<code>mallinfo(3X)</code>	Safe
<code>malloc(3C)</code>	Safe
<code>malloc(3X)</code>	Safe
<code>mallopt(3X)</code>	Safe
<code>mapmalloc(3X)</code>	Safe
<code>matherr(3M)</code>	MT-Safe
<code>mbchar(3C)</code>	MT-Safe with exceptions
<code>mblen(3C)</code>	MT-Safe with exceptions
<code>mbstowcs(3C)</code>	MT-Safe with exceptions
<code>mbstring(3C)</code>	MT-Safe with exceptions
<code>mbtowc(3C)</code>	MT-Safe with exceptions
<code>media_findname(3X)</code>	MT-Unsafe
<code>media_getattr(3X)</code>	MT-Safe

Table B-1 MT Safety Levels of Library Routines

<code>media_setattr(3X)</code>	MT-Safe
<code>memalign(3C)</code>	Safe
<code>memccpy(3C)</code>	MT-Safe
<code>memchr(3C)</code>	MT-Safe
<code>memcmp(3C)</code>	MT-Safe
<code>memcpy(3C)</code>	MT-Safe
<code>memmove(3C)</code>	MT-Safe
<code>memory(3C)</code>	MT-Safe
<code>memset(3C)</code>	MT-Safe
<code>menus(3X)</code>	Unsafe
<code>menu_attributes(3X)</code>	Unsafe
<code>menu_back(3X)</code>	Unsafe
<code>menu_cursor(3X)</code>	Unsafe
<code>menu_driver(3X)</code>	Unsafe
<code>menu_fore(3X)</code>	Unsafe
<code>menu_format(3X)</code>	Unsafe
<code>menu_grey(3X)</code>	Unsafe
<code>menu_hook(3X)</code>	Unsafe
<code>menu_init(3X)</code>	Unsafe
<code>menu_items(3X)</code>	Unsafe
<code>menu_item_current(3X)</code>	Unsafe
<code>menu_item_name(3X)</code>	Unsafe
<code>menu_item_new(3X)</code>	Unsafe
<code>menu_item_opts(3X)</code>	Unsafe
<code>menu_item_userptr(3X)</code>	Unsafe
<code>menu_item_value(3X)</code>	Unsafe
<code>menu_item_visible(3X)</code>	Unsafe
<code>menu_mark(3X)</code>	Unsafe
<code>menu_new(3X)</code>	Unsafe
<code>menu_opts(3X)</code>	Unsafe
<code>menu_opts_off(3X)</code>	Unsafe
<code>menu_opts_on(3X)</code>	Unsafe
<code>menu_pad(3X)</code>	Unsafe
<code>menu_pattern(3X)</code>	Unsafe
<code>menu_post(3X)</code>	Unsafe
<code>menu_sub(3X)</code>	Unsafe
<code>menu_term(3X)</code>	Unsafe

Table B-1 MT Safety Levels of Library Routines

<code>menu_userptr(3X)</code>	Unsafe
<code>menu_win(3X)</code>	Unsafe
<code>meta(3X)</code>	Unsafe
<code>minor(3C)</code>	MT-Safe
<code>mkdirp(3G)</code>	MT-Safe
<code>mkfifo(3C)</code>	MT-Safe, Async-Signal-Safe
<code>mktemp(3C)</code>	Safe
<code>mktime(3C)</code>	Unsafe
<code>mlock(3C)</code>	MT-Safe
<code>mlockall(3C)</code>	MT-Safe
<code>modf(3C)</code>	MT-Safe
<code>modff(3C)</code>	MT-Safe
<code>monitor(3C)</code>	Safe
<code>move(3)</code>	Safe
<code>move(3X)</code>	Unsafe
<code>movenextch(3X)</code>	Unsafe
<code>moveprevch(3X)</code>	Unsafe
<code>move_field(3X)</code>	Unsafe
<code>move_panel(3X)</code>	Unsafe
<code>mq_close(3R)</code>	MT-Safe
<code>mq_getattr(3R)</code>	MT-Safe
<code>mq_notify(3R)</code>	MT-Safe
<code>mq_open(3R)</code>	MT-Safe
<code>mq_receive(3R)</code>	MT-Safe
<code>mq_send(3R)</code>	MT-Safe
<code>mq_setattr(3R)</code>	MT-Safe
<code>mq_unlink(3R)</code>	MT-Safe
<code>rand48(3C)</code>	Safe
<code>msync(3C)</code>	MT-Safe
<code>munlock(3C)</code>	MT-Safe
<code>munlockall(3C)</code>	MT-Safe
<code>mutex(3T)</code>	MT-Safe
<code>mutex_destroy(3T)</code>	MT-Safe
<code>mutex_init(3T)</code>	MT-Safe
<code>mutex_lock(3T)</code>	MT-Safe
<code>mutex_trylock(3T)</code>	MT-Safe
<code>mutex_unlock(3T)</code>	MT-Safe

Table B-1 MT Safety Levels of Library Routines

<code>mvaddch(3X)</code>	Unsafe
<code>mvaddchnstr(3X)</code>	Unsafe
<code>mvaddchstr(3X)</code>	Unsafe
<code>mvaddnstr(3X)</code>	Unsafe
<code>mvaddnwstr(3X)</code>	Unsafe
<code>mvaddstr(3X)</code>	Unsafe
<code>mvaddwch(3X)</code>	Unsafe
<code>mvaddwchnstr(3X)</code>	Unsafe
<code>mvaddwchstr(3X)</code>	Unsafe
<code>mvaddwstr(3X)</code>	Unsafe
<code>mvcur(3X)</code>	Unsafe
<code>mvdelch(3X)</code>	Unsafe
<code>mvderwin(3X)</code>	Unsafe
<code>mvgetch(3X)</code>	Unsafe
<code>mvgetnwstr(3X)</code>	Unsafe
<code>mvgetstr(3X)</code>	Unsafe
<code>mvgetwch(3X)</code>	Unsafe
<code>mvgetwstr(3X)</code>	Unsafe
<code>mvinch(3X)</code>	Unsafe
<code>mvinchnstr(3X)</code>	Unsafe
<code>mvinchstr(3X)</code>	Unsafe
<code>mvinnstr(3X)</code>	Unsafe
<code>mvinnwstr(3X)</code>	Unsafe
<code>mvinsch(3X)</code>	Unsafe
<code>mvinsnstr(3X)</code>	Unsafe
<code>mvinsnswstr(3X)</code>	Unsafe
<code>mvinsstr(3X)</code>	Unsafe
<code>mvinstr(3X)</code>	Unsafe
<code>mvinswch(3X)</code>	Unsafe
<code>mvinswstr(3X)</code>	Unsafe
<code>mvinwch(3X)</code>	Unsafe
<code>mvinwchnstr(3X)</code>	Unsafe
<code>mvinwchstr(3X)</code>	Unsafe
<code>mvinwstr(3X)</code>	Unsafe
<code>mvprintw(3X)</code>	Unsafe
<code>mvscanw(3X)</code>	Unsafe
<code>mvwaddch(3X)</code>	Unsafe

Table B-1 MT Safety Levels of Library Routines

<code>mvwaddchnstr(3X)</code>	Unsafe
<code>mvwaddchstr(3X)</code>	Unsafe
<code>mvwaddnstr(3X)</code>	Unsafe
<code>mvwaddnwstr(3X)</code>	Unsafe
<code>mvwaddstr(3X)</code>	Unsafe
<code>mvwaddwch(3X)</code>	Unsafe
<code>mvwaddwchnstr(3X)</code>	Unsafe
<code>mvwaddwchstr(3X)</code>	Unsafe
<code>mvwaddwstr(3X)</code>	Unsafe
<code>mvwdelch(3X)</code>	Unsafe
<code>mvwgetch(3X)</code>	Unsafe
<code>mvwgetnwstr(3X)</code>	Unsafe
<code>mvwgetstr(3X)</code>	Unsafe
<code>mvwgetwch(3X)</code>	Unsafe
<code>mvwgetwstr(3X)</code>	Unsafe
<code>mvwin(3X)</code>	Unsafe
<code>mvwinch(3X)</code>	Unsafe
<code>mvwinchnstr(3X)</code>	Unsafe
<code>mvwinchstr(3X)</code>	Unsafe
<code>mvwinnstr(3X)</code>	Unsafe
<code>mvwinnwstr(3X)</code>	Unsafe
<code>mvwinsch(3X)</code>	Unsafe
<code>mvwinsnstr(3X)</code>	Unsafe
<code>mvwinsnwstr(3X)</code>	Unsafe
<code>mvwinsstr(3X)</code>	Unsafe
<code>mvwinstr(3X)</code>	Unsafe
<code>mvwinswch(3X)</code>	Unsafe
<code>mvwinswstr(3X)</code>	Unsafe
<code>mvwinwch(3X)</code>	Unsafe
<code>mvwinwchnstr(3X)</code>	Unsafe
<code>mvwinwchstr(3X)</code>	Unsafe
<code>mvwinwstr(3X)</code>	Unsafe
<code>mvwprintw(3X)</code>	Unsafe
<code>mvwscanw(3X)</code>	Unsafe
<code>nanosleep(3R)</code>	MT-Safe
<code>napms(3X)</code>	Unsafe
<code>nc_perror(3N)</code>	MT-Safe

Table B-1 MT Safety Levels of Library Routines

<code>nc_sperror(3N)</code>	MT-Safe
<code>ndbm(3)</code>	Unsafe
<code>netdir(3N)</code>	MT-Safe
<code>netdir_free(3N)</code>	MT-Safe
<code>netdir_getbyaddr(3N)</code>	MT-Safe
<code>netdir_getbyname(3N)</code>	MT-Safe
<code>netdir_mergeaddr(3N)</code>	MT-Safe
<code>netdir_options(3N)</code>	MT-Safe
<code>netdir_perror(3N)</code>	MT-Safe
<code>netdir_sperror(3N)</code>	MT-Safe
<code>netname2host(3N)</code>	MT-Safe
<code>netname2user(3N)</code>	MT-Safe
<code>newpad(3X)</code>	Unsafe
<code>newterm(3X)</code>	Unsafe
<code>newwin(3X)</code>	Unsafe
<code>new_field(3X)</code>	Unsafe
<code>new_fieldtype(3X)</code>	Unsafe
<code>new_form(3X)</code>	Unsafe
<code>new_item(3X)</code>	Unsafe
<code>new_menu(3X)</code>	Unsafe
<code>new_page(3X)</code>	Unsafe
<code>new_panel(3X)</code>	Unsafe
<code>nextafter(3C)</code>	MT-Safe
<code>nextafter(3M)</code>	MT-Safe
<code>nftw(3C)</code>	Safe with exceptions
<code>nis_add(3N)</code>	MT-Safe
<code>nis_addmember(3N)</code>	MT-Safe
<code>nis_add_entry(3N)</code>	MT-Safe
<code>nis_checkpoint(3N)</code>	MT-Safe
<code>nis_clone_object(3N)</code>	Safe
<code>nis_creategroup(3N)</code>	MT-Safe
<code>nis_db(3N)</code>	Unsafe
<code>nis_destroygroup(3N)</code>	MT-Safe
<code>nis_destroy_object(3N)</code>	Safe
<code>nis_dir_cmp(3N)</code>	Safe
<code>nis_domain_of(3N)</code>	Safe
<code>nis_error(3N)</code>	Safe

Table B-1 MT Safety Levels of Library Routines

<code>nis_first_entry(3N)</code>	MT-Safe
<code>nis_freenames(3N)</code>	Safe
<code>nis_freeresult(3N)</code>	MT-Safe
<code>nis_freeservlist(3N)</code>	MT-Safe
<code>nis_freetags(3N)</code>	MT-Safe
<code>nis_getnames(3N)</code>	Safe
<code>nis_getservlist(3N)</code>	MT-Safe
<code>nis_groups(3N)</code>	MT-Safe
<code>nis_ismember(3N)</code>	MT-Safe
<code>nis_leaf_of(3N)</code>	Safe
<code>nis_lerror(3N)</code>	Safe
<code>nis_list(3N)</code>	MT-Safe
<code>nis_local_directory(3N)</code>	MT-Safe
<code>nis_local_group(3N)</code>	MT-Safe
<code>nis_local_host(3N)</code>	MT-Safe
<code>nis_local_names(3N)</code>	MT-Safe
<code>nis_local_principal(3N)</code>	MT-Safe
<code>nis_lookup(3N)</code>	MT-Safe
<code>nis_map_group(3N)</code>	MT-Safe
<code>nis_mkdir(3N)</code>	MT-Safe
<code>nis_modify(3N)</code>	MT-Safe
<code>nis_modify_entry(3N)</code>	MT-Safe
<code>nis_names(3N)</code>	MT-Safe
<code>nis_name_of(3N)</code>	Safe
<code>nis_next_entry(3N)</code>	MT-Safe
<code>nis_perror(3N)</code>	Safe
<code>nis_ping(3N)</code>	MT-Safe
<code>nis_print_group_entry(3N)</code>	MT-Safe
<code>nis_print_object(3N)</code>	Safe
<code>nis_remove(3N)</code>	MT-Safe
<code>nis_removemember(3N)</code>	MT-Safe
<code>nis_remove_entry(3N)</code>	MT-Safe
<code>nis_rmdir(3N)</code>	MT-Safe
<code>nis_server(3N)</code>	MT-Safe
<code>nis_servstate(3N)</code>	MT-Safe
<code>nis_sperrno(3N)</code>	Safe
<code>nis_sperror(3N)</code>	Safe

Table B-1 MT Safety Levels of Library Routines

<code>nis_sperror_r(3N)</code>	Safe
<code>nis_stats(3N)</code>	MT-Safe
<code>nis_subr(3N)</code>	Safe
<code>nis_tables(3N)</code>	MT-Safe
<code>nis_verifygroup(3N)</code>	MT-Safe
<code>nl(3X)</code>	Unsafe
<code>nlist(3E)</code>	Safe
<code>nlsgetcall(3N)</code>	Unsafe
<code>nlsprovider(3N)</code>	Unsafe
<code>nlsrequest(3N)</code>	Unsafe
<code>nl_langinfo(3C)</code>	Safe with exceptions
<code>nocbreak(3X)</code>	Unsafe
<code>nodelay(3X)</code>	Unsafe
<code>noecho(3X)</code>	Unsafe
<code>nonl(3X)</code>	Unsafe
<code>noqiflush(3X)</code>	Unsafe
<code>noraw(3X)</code>	Unsafe
<code>NOTE(3X)</code>	Safe
<code>notimeout(3X)</code>	Unsafe
<code>rand48(3C)</code>	Safe
<code>ntohl(3N)</code>	Safe
<code>ntohs(3N)</code>	Safe
<code>offsetof(3C)</code>	MT-Safe
<code>opendir(3C)</code>	Safe
<code>openlog(3)</code>	Safe
<code>openpl(3)</code>	Safe
<code>openvt(3)</code>	Safe
<code>overlay(3X)</code>	Unsafe
<code>overwrite(3X)</code>	Unsafe
<code>p2close(3G)</code>	Unsafe
<code>p2open(3G)</code>	Unsafe
<code>pair_content(3X)</code>	Unsafe
<code>panels(3X)</code>	Unsafe
<code>panel_above(3X)</code>	Unsafe
<code>panel_below(3X)</code>	Unsafe
<code>panel_hidden(3X)</code>	Unsafe
<code>panel_move(3X)</code>	Unsafe

Table B-1 MT Safety Levels of Library Routines

<code>panel_new(3X)</code>	Unsafe
<code>panel_show(3X)</code>	Unsafe
<code>panel_top(3X)</code>	Unsafe
<code>panel_update(3X)</code>	Unsafe
<code>panel_userptr(3X)</code>	Unsafe
<code>panel_window(3X)</code>	Unsafe
<code>pathfind(3G)</code>	MT-Safe
<code>pclose(3S)</code>	Unsafe
<code>pechochar(3X)</code>	Unsafe
<code>pechowchar(3X)</code>	Unsafe
<code>perror(3C)</code>	MT-Safe
<code>pfmt(3C)</code>	MT-safe
<code>plot(3)</code>	Safe
<code>pmap_getmaps(3N)</code>	Unsafe
<code>pmap_getport(3N)</code>	Unsafe
<code>pmap_rmtcall(3N)</code>	Unsafe
<code>pmap_set(3N)</code>	Unsafe
<code>pmap_unset(3N)</code>	Unsafe
<code>pnoutrefresh(3X)</code>	Unsafe
<code>point(3)</code>	Safe
<code>popen(3S)</code>	Unsafe
<code>post_form(3X)</code>	Unsafe
<code>post_menu(3X)</code>	Unsafe
<code>pos_form_cursor(3X)</code>	Unsafe
<code>pos_menu_cursor(3X)</code>	Unsafe
<code>pow(3M)</code>	MT-Safe
<code>prefresh(3X)</code>	Unsafe
<code>printf(3S)</code>	MT-Safe except with <code>setlocale()</code>
<code>printw(3X)</code>	Unsafe
<code>psiginfo(3C)</code>	Safe
<code>psignal(3C)</code>	Safe
<code>pthread(3T)</code>	Fork1-Safe,MT-Safe,Async-Signal-Safe
<code>pthread_atfork(3T)</code>	MT-Safe
<code>pthread_attr_destroy(3T)</code>	MT-Safe
<code>pthread_attr_getdetachstate(3T)</code>	MT-Safe
<code>pthread_attr_getinheritsched(3T)</code>	MT-Safe
<code>pthread_attr_getschedparam(3T)</code>	MT-Safe

Table B-1 MT Safety Levels of Library Routines

<code>pthread_attr_getschedpolicy(3T)</code>	MT-Safe
<code>pthread_attr_getscope(3T)</code>	MT-Safe
<code>pthread_attr_getstackaddr(3T)</code>	MT-Safe
<code>pthread_attr_getstacksize(3T)</code>	MT-Safe
<code>pthread_attr_init(3T)</code>	MT-Safe
<code>pthread_attr_setdetachstate(3T)</code>	MT-Safe
<code>pthread_attr_setinheritsched(3T)</code>	MT-Safe
<code>pthread_attr_setschedparam(3T)</code>	MT-Safe
<code>pthread_attr_setschedpolicy(3T)</code>	MT-Safe
<code>pthread_attr_setscope(3T)</code>	MT-Safe
<code>pthread_attr_setstackaddr(3T)</code>	MT-Safe
<code>pthread_attr_setstacksize(3T)</code>	MT-Safe
<code>pthread_cancel(3T)</code>	MT-Safe
<code>pthread_cleanup_pop(3T)</code>	MT-Safe
<code>pthread_cleanup_push(3T)</code>	MT-Safe
<code>pthread_condattr_destroy(3T)</code>	MT-Safe
<code>pthread_condattr_getpshared(3T)</code>	MT-Safe
<code>pthread_condattr_init(3T)</code>	MT-Safe
<code>pthread_condattr_setpshared(3T)</code>	MT-Safe
<code>pthread_cond_broadcast(3T)</code>	MT-Safe
<code>pthread_cond_destroy(3T)</code>	MT-Safe
<code>pthread_cond_init(3T)</code>	MT-Safe
<code>pthread_cond_signal(3T)</code>	MT-Safe
<code>pthread_cond_timedwait(3T)</code>	MT-Safe
<code>pthread_cond_wait(3T)</code>	MT-Safe
<code>pthread_create(3T)</code>	MT-Safe
<code>pthread_detach(3T)</code>	MT-Safe
<code>pthread_equal(3T)</code>	MT-Safe
<code>pthread_exit(3T)</code>	MT-Safe
<code>pthread_getschedparam(3T)</code>	MT-Safe
<code>pthread_getspecific(3T)</code>	MT-Safe
<code>pthread_join(3T)</code>	MT-Safe
<code>pthread_key_create(3T)</code>	MT-Safe
<code>pthread_key_delete(3T)</code>	MT-Safe
<code>pthread_kill(3T)</code>	MT-Safe, Async-Signal-Safe
<code>pthread_mutexattr_destroy(3T)</code>	MT-Safe
<code>pthread_mutexattr_getprioceiling(3T)</code>	MT-Safe

Table B-1 MT Safety Levels of Library Routines

<code>pthread_mutexattr_getprotocol(3T)</code>	MT-Safe
<code>pthread_mutexattr_getpshared(3T)</code>	MT-Safe
<code>pthread_mutexattr_init(3T)</code>	MT-Safe
<code>pthread_mutexattr_setprioceiling(3T)</code>	MT-Safe
<code>pthread_mutexattr_setprotocol(3T)</code>	MT-Safe
<code>pthread_mutexattr_setpshared(3T)</code>	MT-Safe
<code>pthread_mutex_destroy(3T)</code>	MT-Safe
<code>pthread_mutex_getprioceiling(3T)</code>	MT-Safe
<code>pthread_mutex_init(3T)</code>	MT-Safe
<code>pthread_mutex_lock(3T)</code>	MT-Safe
<code>pthread_mutex_setprioceiling(3T)</code>	MT-Safe
<code>pthread_mutex_trylock(3T)</code>	MT-Safe
<code>pthread_mutex_unlock(3T)</code>	MT-Safe
<code>pthread_once(3T)</code>	MT-Safe
<code>pthread_self(3T)</code>	MT-Safe
<code>pthread_setcancelstate(3T)</code>	MT-Safe
<code>pthread_setcanceltype(3T)</code>	MT-Safe
<code>pthread_setschedparam(3T)</code>	MT-Safe
<code>pthread_setspecific(3T)</code>	MT-Safe
<code>pthread_sigmask(3T)</code>	MT-Safe, Async-Signal-Safe
<code>pthread_testcancel(3T)</code>	MT-Safe
<code>ptsname(3C)</code>	Safe
<code>publickey(3N)</code>	Safe
<code>putc(3S)</code>	MT-Safe
<code>putchar(3S)</code>	MT-Safe
<code>putenv(3C)</code>	Safe
<code>putmntent(3C)</code>	Safe
<code>putp(3X)</code>	Unsafe
<code>putpwent(3C)</code>	Unsafe
<code>puts(3S)</code>	MT-Safe
<code>putspent(3C)</code>	Unsafe
<code>pututline(3C)</code>	Unsafe
<code>pututxline(3C)</code>	Unsafe
<code>putw(3S)</code>	MT-Safe
<code>putwc(3I)</code>	MT-Safe
<code>putwchar(3I)</code>	MT-Safe
<code>putwin(3X)</code>	Unsafe

Table B-1 MT Safety Levels of Library Routines

<code>putws(3I)</code>	MT-Safe
<code>qeconvert(3)</code>	MT-Safe
<code>qfconvert(3)</code>	MT-Safe
<code>qgconvert(3)</code>	MT-Safe
<code>qiflush(3X)</code>	Unsafe
<code>qsort(3C)</code>	Safe
<code>quadruple_to_decimal(3)</code>	MT-Safe
<code>rac_drop(3N)</code>	Unsafe
<code>rac_poll(3N)</code>	Unsafe
<code>rac_recv(3N)</code>	Unsafe
<code>rac_send(3N)</code>	Unsafe
<code>raise(3C)</code>	MT-Safe
<code>rand(3C)</code>	Unsafe, use <code>rand_r()</code>
<code>random(3C)</code>	Unsafe
<code>raw(3X)</code>	Unsafe
<code>rcmd(3N)</code>	Unsafe
<code>readdir(3C)</code>	Unsafe, use <code>readdir_r()</code>
<code>read_vtoc(3X)</code>	Unsafe
<code>realloc(3C)</code>	Safe
<code>realloc(3X)</code>	Safe
<code>realpath(3C)</code>	MT-Safe
<code>recv(3N)</code>	Safe
<code>recvfrom(3N)</code>	Safe
<code>recvmsg(3N)</code>	Safe
<code>redrawwin(3X)</code>	Unsafe
<code>refresh(3X)</code>	Unsafe
<code>regcmp(3G)</code>	MT-Safe
<code>regcomp(3C)</code>	MT-Safe
<code>regerror(3C)</code>	MT-Safe
<code>regex(3G)</code>	MT-Safe
<code>regexec(3C)</code>	MT-Safe
<code>regexpr(3G)</code>	MT-Safe
<code>regfree(3C)</code>	MT-Safe
<code>registerrpc(3N)</code>	Unsafe
<code>remainder(3M)</code>	MT-Safe
<code>remove(3C)</code>	MT-Safe
<code>remque(3C)</code>	Unsafe

Table B-1 MT Safety Levels of Library Routines

<code>replace_panel(3X)</code>	Unsafe
<code>resetty(3X)</code>	Unsafe
<code>reset_prog_mode(3X)</code>	Unsafe
<code>reset_shell_mode(3X)</code>	Unsafe
<code>resolver(3N)</code>	Unsafe
<code>restartterm(3X)</code>	Unsafe
<code>res_init(3N)</code>	Unsafe
<code>res_mkquery(3N)</code>	Unsafe
<code>res_search(3N)</code>	Unsafe
<code>res_send(3N)</code>	Unsafe
<code>rewind(3S)</code>	MT-Safe
<code>rewinddir(3C)</code>	Safe
<code>rexec(3N)</code>	Unsafe
<code>rint(3M)</code>	MT-Safe
<code>riponline(3X)</code>	Unsafe
<code>rmdirp(3G)</code>	MT-Safe
<code>rnusers(3N)</code>	MT-Safe
<code>rpc(3N)</code>	MT-Safe with exceptions
<code>rpcbind(3N)</code>	MT-Safe
<code>rpcb_getaddr(3N)</code>	MT-Safe
<code>rpcb_getmaps(3N)</code>	MT-Safe
<code>rpcb_gettime(3N)</code>	MT-Safe
<code>rpcb_rmtcall(3N)</code>	MT-Safe
<code>rpcb_set(3N)</code>	MT-Safe
<code>rpcb_unset(3N)</code>	MT-Safe
<code>rpc_broadcast(3N)</code>	MT-Safe
<code>rpc_broadcast_exp(3N)</code>	MT-Safe
<code>rpc_call(3N)</code>	MT-Safe
<code>rpc_clnt_auth(3N)</code>	MT-Safe
<code>rpc_clnt_calls(3N)</code>	MT-Safe
<code>rpc_clnt_create(3N)</code>	MT-Safe
<code>rpc_control(3N)</code>	MT-Safe
<code>rpc_createerr(3N)</code>	MT-Safe
<code>rpc_rac(3N)</code>	Unsafe
<code>rpc_reg(3N)</code>	MT-Safe
<code>rpc_soc(3N)</code>	Unsafe
<code>rpc_svc_create(3N)</code>	MT-Safe

Table B-1 MT Safety Levels of Library Routines

<code>rpc_svc_err(3N)</code>	MT-Safe
<code>rpc_svc_reg(3N)</code>	MT-Safe
<code>rpc_xdr(3N)</code>	Safe
<code>rresvport(3N)</code>	Unsafe
<code>rstat(3N)</code>	MT-Safe
<code>ruserok(3N)</code>	Unsafe
<code>rusers(3N)</code>	MT-Safe
<code>rwall(3N)</code>	MT-Safe
<code>rwlock(3T)</code>	MT-Safe
<code>rwlock_destroy(3T)</code>	MT-Safe
<code>rwlock_init(3T)</code>	MT-Safe
<code>rw_rdlock(3T)</code>	MT-Safe
<code>rw_tryrdlock(3T)</code>	MT-Safe
<code>rw_trywrlock(3T)</code>	MT-Safe
<code>rw_unlock(3T)</code>	MT-Safe
<code>rw_wrlock(3T)</code>	MT-Safe
<code>savetty(3X)</code>	Unsafe
<code>scalb(3C)</code>	MT-Safe
<code>scalb(3M)</code>	MT-Safe
<code>scalbn(3M)</code>	MT-Safe
<code>scale_form(3X)</code>	Unsafe
<code>scale_menu(3X)</code>	Unsafe
<code>scanf(3S)</code>	MT-Safe
<code>scanw(3X)</code>	Unsafe
<code>sched_getparam(3R)</code>	MT-Safe
<code>sched_getscheduler(3R)</code>	MT-Safe
<code>sched_get_priority_max(3R)</code>	MT-Safe
<code>sched_get_priority_min(3R)</code>	MT-Safe
<code>sched_rr_get_interval(3R)</code>	MT-Safe
<code>sched_setparam(3R)</code>	MT-Safe
<code>sched_setscheduler(3R)</code>	MT-Safe
<code>sched_yield(3R)</code>	MT-Safe
<code>scrl(3X)</code>	Unsafe
<code>scroll(3X)</code>	Unsafe
<code>scrollok(3X)</code>	Unsafe
<code>scr_dump(3X)</code>	Unsafe
<code>scr_init(3X)</code>	Unsafe

Table B-1 MT Safety Levels of Library Routines

<code>scr_restore(3X)</code>	Unsafe
<code>scr_set(3X)</code>	Unsafe
<code>seconvert(3)</code>	MT-Safe
<code>secure_rpc(3N)</code>	MT-Safe
<code>seed48(3C)</code>	Safe
<code>seekdir(3C)</code>	Safe
<code>select(3C)</code>	MT-Safe
<code>sema_destroy(3T)</code>	MT-Safe
<code>sema_init(3T)</code>	MT-Safe
<code>sema_post(3T)</code>	MT-Safe, Async-Signal-Safe
<code>sema_trywait(3T)</code>	MT-Safe
<code>sema_wait(3T)</code>	MT-Safe
<code>sem_close(3R)</code>	MT-Safe
<code>sem_destroy(3R)</code>	MT-Safe
<code>sem_getvalue(3R)</code>	MT-Safe
<code>sem_init(3R)</code>	MT-Safe
<code>sem_open(3R)</code>	MT-Safe
<code>sem_post(3R)</code>	Async-Signal-Safe
<code>sem_trywait(3R)</code>	MT-Safe
<code>sem_unlink(3R)</code>	MT-Safe
<code>sem_wait(3R)</code>	MT-Safe
<code>send(3N)</code>	Safe
<code>sendmsg(3N)</code>	Safe
<code>sendto(3N)</code>	Safe
<code>setac(3)</code>	Safe
<code>setauclass(3)</code>	MT-Safe
<code>setauevent(3)</code>	MT-Safe
<code>setauuser(3)</code>	MT-Safe
<code>setbuf(3S)</code>	MT-Safe
<code>setcat(3C)</code>	MT-safe
<code>setjmp(3C)</code>	Unsafe
<code>setkey(3C)</code>	Safe
<code>setlabel(3C)</code>	MT-safe
<code>setlocale(3C)</code>	Safe with exceptions
<code>setlogmask(3)</code>	Safe
<code>setnetconfig(3N)</code>	MT-Safe
<code>setnetpath(3N)</code>	MT-Safe

Table B-1 MT Safety Levels of Library Routines

<code>setscrreg(3X)</code>	Unsafe
<code>setsockopt(3N)</code>	Safe
<code>setsyx(3X)</code>	Unsafe
<code>setterm(3X)</code>	Unsafe
<code>settimeofday(3C)</code>	MT-Safe
<code>setupterm(3X)</code>	Unsafe
<code>setutent(3C)</code>	Unsafe
<code>setutxent(3C)</code>	Unsafe
<code>setvbuf(3S)</code>	MT-Safe
<code>set_current_field(3X)</code>	Unsafe
<code>set_current_item(3X)</code>	Unsafe
<code>set_curterm(3X)</code>	Unsafe
<code>set_fieldtype_arg(3X)</code>	Unsafe
<code>set_fieldtype_choice(3X)</code>	Unsafe
<code>set_field_back(3X)</code>	Unsafe
<code>set_field_buffer(3X)</code>	Unsafe
<code>set_field_fore(3X)</code>	Unsafe
<code>set_field_init(3X)</code>	Unsafe
<code>set_field_just(3X)</code>	Unsafe
<code>set_field_opts(3X)</code>	Unsafe
<code>set_field_pad(3X)</code>	Unsafe
<code>set_field_status(3X)</code>	Unsafe
<code>set_field_term(3X)</code>	Unsafe
<code>set_field_type(3X)</code>	Unsafe
<code>set_field_userptr(3X)</code>	Unsafe
<code>set_form_fields(3X)</code>	Unsafe
<code>set_form_init(3X)</code>	Unsafe
<code>set_form_opts(3X)</code>	Unsafe
<code>set_form_page(3X)</code>	Unsafe
<code>set_form_sub(3X)</code>	Unsafe
<code>set_form_term(3X)</code>	Unsafe
<code>set_form_userptr(3X)</code>	Unsafe
<code>set_form_win(3X)</code>	Unsafe
<code>set_item_init(3X)</code>	Unsafe
<code>set_item_opts(3X)</code>	Unsafe
<code>set_item_term(3X)</code>	Unsafe
<code>set_item_userptr(3X)</code>	Unsafe

Table B-1 MT Safety Levels of Library Routines

set_item_value(3X)	Unsafe
set_max_field(3X)	Unsafe
set_menu_back(3X)	Unsafe
set_menu_fore(3X)	Unsafe
set_menu_format(3X)	Unsafe
set_menu_grey(3X)	Unsafe
set_menu_init(3X)	Unsafe
set_menu_items(3X)	Unsafe
set_menu_mark(3X)	Unsafe
set_menu_opts(3X)	Unsafe
set_menu_pad(3X)	Unsafe
set_menu_pattern(3X)	Unsafe
set_menu_sub(3X)	Unsafe
set_menu_term(3X)	Unsafe
set_menu_userptr(3X)	Unsafe
set_menu_win(3X)	Unsafe
set_new_page(3X)	Unsafe
set_panel_userptr(3X)	Unsafe
set_term(3X)	Unsafe
set_top_row(3X)	Unsafe
sfconvert(3)	MT-Safe
sgconvert(3)	MT-Safe
shm_open(3R)	MT-Safe
shm_unlink(3R)	MT-Safe
show_panel(3X)	Unsafe
shutdown(3N)	Safe
sigaddset(3C)	MT-Safe, Async-Signal-Safe
sigdelset(3C)	MT-Safe, Async-Signal-Safe
sigemptyset(3C)	MT-Safe, Async-Signal-Safe
sigfillset(3C)	MT-Safe, Async-Signal-Safe
sigfpe(3)	Safe
sigismember(3C)	MT-Safe, Async-Signal-Safe
siglongjmp(3C)	Unsafe
significand(3M)	MT-Safe
sigqueue(3R)	Async-Signal-Safe
sigsetjmp(3C)	Unsafe
sigsetops(3C)	MT-Safe, Async-Signal-Safe

Table B-1 MT Safety Levels of Library Routines

<code>sigtimedwait(3R)</code>	Async-Signal-Safe
<code>sigwaitinfo(3R)</code>	Async-Signal-Safe
<code>sin(3M)</code>	MT-Safe
<code>single_to_decimal(3)</code>	MT-Safe
<code>sinh(3M)</code>	MT-Safe
<code>sleep(3B)</code>	Async-Signal-Safe
<code>sleep(3C)</code>	Safe
<code>slk_attroff(3X)</code>	Unsafe
<code>slk_attron(3X)</code>	Unsafe
<code>slk_attrset(3X)</code>	Unsafe
<code>slk_clear(3X)</code>	Unsafe
<code>slk_init(3X)</code>	Unsafe
<code>slk_label(3X)</code>	Unsafe
<code>slk_noutrefresh(3X)</code>	Unsafe
<code>slk_refresh(3X)</code>	Unsafe
<code>slk_restore(3X)</code>	Unsafe
<code>slk_set(3X)</code>	Unsafe
<code>slk_touch(3X)</code>	Unsafe
<code>socket(3N)</code>	Safe
<code>socketpair(3N)</code>	Safe
<code>space(3)</code>	Safe
<code>spray(3N)</code>	Unsafe
<code>sprintf(3S)</code>	MT-Safe
<code>sqrt(3M)</code>	MT-Safe
<code>srand(3C)</code>	Unsafe
<code>srand48(3C)</code>	Safe
<code>srandom(3C)</code>	Unsafe
<code>sscanf(3S)</code>	MT-Safe
<code>ssignal(3C)</code>	Unsafe
<code>standend(3X)</code>	Unsafe
<code>standout(3X)</code>	Unsafe
<code>start_color(3X)</code>	Unsafe
<code>step(3G)</code>	MT-Safe
<code>str(3G)</code>	MT-Safe
<code>strcadd(3G)</code>	MT-Safe
<code>strcasecmp(3C)</code>	Safe
<code>strcat(3C)</code>	Safe

Table B-1 MT Safety Levels of Library Routines

<code>strccpy(3G)</code>	MT-Safe
<code>strchr(3C)</code>	Safe
<code>strcmp(3C)</code>	Safe
<code>strcoll(3C)</code>	Safe with exceptions
<code>strcpy(3C)</code>	Safe
<code>strcspn(3C)</code>	Safe
<code>strdup(3C)</code>	Safe
<code>streadd(3G)</code>	MT-Safe
<code>strecpy(3G)</code>	MT-Safe
<code>strerror(3C)</code>	Safe
<code>strfind(3G)</code>	MT-Safe
<code>strfmon(3C)</code>	MT-Safe
<code>strftime(3C)</code>	MT-Safe
<code>string(3C)</code>	Safe
<code>string_to_decimal(3)</code>	MT-Safe
<code>strlen(3C)</code>	Safe
<code>strncasecmp(3C)</code>	Safe
<code>strncat(3C)</code>	Safe
<code>strncmp(3C)</code>	Safe
<code>strncpy(3C)</code>	Safe
<code>strpbrk(3C)</code>	Safe
<code>strptime(3C)</code>	MT-Safe
<code>strrchr(3C)</code>	Safe
<code>strrspn(3G)</code>	MT-Safe
<code>strsignal(3C)</code>	Safe
<code>strspn(3C)</code>	Safe
<code>strstr(3C)</code>	Safe
<code>strtod(3C)</code>	MT-Safe
<code>strtok(3C)</code>	Unsafe, use <code>strtok_r()</code>
<code>strtol(3C)</code>	MT-Safe
<code>strtoll(3C)</code>	MT-Safe
<code>strtoul(3C)</code>	MT-Safe
<code>strtoull(3C)</code>	MT-Safe
<code>strtrns(3G)</code>	MT-Safe
<code>strxfrm(3C)</code>	Safe with exceptions
<code>subpad(3X)</code>	Unsafe
<code>subwin(3X)</code>	Unsafe

Table B-1 MT Safety Levels of Library Routines

<code>svcerr_auth(3N)</code>	MT-Safe
<code>svcerr_decode(3N)</code>	MT-Safe
<code>svcerr_noproc(3N)</code>	MT-Safe
<code>svcerr_noprog(3N)</code>	MT-Safe
<code>svcerr_progvers(3N)</code>	MT-Safe
<code>svcerr_systemerr(3N)</code>	MT-Safe
<code>svcerr_weakauth(3N)</code>	MT-Safe
<code>svcfld_create(3N)</code>	Unsafe
<code>svcrow_create(3N)</code>	Unsafe
<code>svctcp_create(3N)</code>	Unsafe
<code>svcudp_bufcreate(3N)</code>	Unsafe
<code>svcudp_create(3N)</code>	Unsafe
<code>svc_auth_reg(3N)</code>	MT-Safe
<code>svc_control(3N)</code>	MT-Safe
<code>svc_create(3N)</code>	MT-Safe
<code>svc_destroy(3N)</code>	MT-Safe
<code>svc_dg_create(3N)</code>	MT-Safe
<code>svc_fds(3N)</code>	Unsafe
<code>svc_fd_create(3N)</code>	MT-Safe
<code>svc_getcaller(3N)</code>	Unsafe
<code>svc_getreq(3N)</code>	Unsafe
<code>svc_kerb_reg(3N)</code>	Unsafe
<code>svc_raw_create(3N)</code>	MT-Safe
<code>svc_reg(3N)</code>	MT-Safe
<code>svc_register(3N)</code>	Unsafe
<code>svc_tli_create(3N)</code>	MT-Safe
<code>svc_tp_create(3N)</code>	MT-Safe
<code>svc_unreg(3N)</code>	MT-Safe
<code>svc_unregister(3N)</code>	Unsafe
<code>svc_vc_create(3N)</code>	MT-Safe
<code>swab(3C)</code>	MT-Safe
<code>swapcontext(3C)</code>	MT-Safe
<code>syncok(3X)</code>	Unsafe
<code>sysconf(3C)</code>	MT-Safe, Async-Signal-Safe
<code>syslog(3)</code>	Safe
<code>system(3S)</code>	MT-Safe
<code>taddr2uaddr(3N)</code>	MT-Safe

Table B-1 MT Safety Levels of Library Routines

<code>tan(3M)</code>	MT-Safe
<code>tanh(3M)</code>	MT-Safe
<code>tcdrain(3)</code>	MT-Safe, Async-Signal-Safe
<code>tcflow(3)</code>	MT-Safe, Async-Signal-Safe
<code>tcflush(3)</code>	MT-Safe, Async-Signal-Safe
<code>tcgetattr(3)</code>	MT-Safe, Async-Signal-Safe
<code>tcgetpgrp(3)</code>	MT-Safe, Async-Signal-Safe
<code>tcgetsid(3)</code>	MT-Safe
<code>tcsendbreak(3)</code>	MT-Safe, Async-Signal-Safe
<code>tcsetattr(3)</code>	MT-Safe, Async-Signal-Safe
<code>tcsetpgrp(3)</code>	MT-Safe, Async-Signal-Safe
<code>tcsetpgrp(3C)</code>	MT-Safe
<code>tdelete(3C)</code>	Safe
<code>tellldir(3C)</code>	Safe
<code>tempnam(3S)</code>	Safe
<code>termattrs(3X)</code>	Unsafe
<code>termname(3X)</code>	Unsafe
<code>textdomain(3I)</code>	Safe with exceptions
<code>tfind(3C)</code>	Safe
<code>tgetent(3X)</code>	Unsafe
<code>tgetflag(3X)</code>	Unsafe
<code>tgetnum(3X)</code>	Unsafe
<code>tgetstr(3X)</code>	Unsafe
<code>tgoto(3X)</code>	Unsafe
<code>threads(3T)</code>	Fork1-Safe, MT-Safe, Async-Signal-Safe
<code>thr_continue(3T)</code>	MT-Safe
<code>thr_create(3T)</code>	MT-Safe
<code>thr_exit(3T)</code>	MT-Safe
<code>thr_getconcurrency(3T)</code>	MT-Safe
<code>thr_getprio(3T)</code>	MT-Safe
<code>thr_getspecific(3T)</code>	MT-Safe
<code>thr_join(3T)</code>	MT-Safe
<code>thr_keycreate(3T)</code>	MT-Safe
<code>thr_kill(3T)</code>	MT-Safe, Async-Signal-Safe
<code>thr_main(3T)</code>	MT-Safe
<code>thr_min_stack(3T)</code>	MT-Safe
<code>thr_self(3T)</code>	MT-Safe

Table B-1 MT Safety Levels of Library Routines

<code>thr_setconcurrency(3T)</code>	MT-Safe
<code>thr_setprio(3T)</code>	MT-Safe
<code>thr_setspecific(3T)</code>	MT-Safe
<code>thr_sigsetmask(3T)</code>	MT-Safe, Async-Signal-Safe
<code>thr_stksegment(3T)</code>	MT-Safe
<code>thr_suspend(3T)</code>	MT-Safe
<code>thr_yield(3T)</code>	MT-Safe
<code>tigetflag(3X)</code>	Unsafe
<code>tigetnum(3X)</code>	Unsafe
<code>tigetstr(3X)</code>	Unsafe
<code>timeout(3X)</code>	Unsafe
<code>timer_create(3R)</code>	MT-Safe with exceptions
<code>timer_delete(3R)</code>	MT-Safe with exceptions
<code>timer_getoverrun(3R)</code>	Async-Signal-Safe
<code>timer_gettime(3R)</code>	Async-Signal-Safe
<code>timer_settime(3R)</code>	Async-Signal-Safe
<code>tmpfile(3S)</code>	Safe
<code>tmpnam(3S)</code>	Unsafe, use <code>tmpnam_r()</code>
<code>TNF_DECLARE_RECORD(3X)</code>	MT-Safe
<code>TNF_DEFINE_RECORD(3.3X)</code>	MT-Safe
<code>TNF_DEFINE_RECORD_1(3X)</code>	MT-Safe
<code>TNF_DEFINE_RECORD_2(3X)</code>	MT-Safe
<code>TNF_DEFINE_RECORD_4(3X)</code>	MT-Safe
<code>TNF_DEFINE_RECORD_5(3X)</code>	MT-Safe
<code>TNF_PROBE(3.3X)</code>	MT-Safe
<code>TNF_PROBE(3X)</code>	MT-Safe
<code>TNF_PROBE_0(3X)</code>	MT-Safe
<code>TNF_PROBE_1(3X)</code>	MT-Safe
<code>TNF_PROBE_2(3X)</code>	MT-Safe
<code>TNF_PROBE_4(3X)</code>	MT-Safe
<code>TNF_PROBE_5(3X)</code>	MT-Safe
<code>tnf_process_disable(3X)</code>	MT-Safe
<code>tnf_process_enable(3X)</code>	MT-Safe
<code>tnf_thread_disable(3X)</code>	MT-Safe
<code>tnf_thread_enable(3X)</code>	MT-Safe
<code>toascii(3C)</code>	MT-Safe with exceptions
<code>tolower(3C)</code>	MT-Safe with exceptions

Table B-1 MT Safety Levels of Library Routines

<code>top_panel(3X)</code>	Unsafe
<code>top_row(3X)</code>	Unsafe
<code>touchline(3X)</code>	Unsafe
<code>touchwin(3X)</code>	Unsafe
<code>toupper(3C)</code>	MT-Safe with exceptions
<code>towlower(3I)</code>	MT-Safe with exceptions
<code>towupper(3I)</code>	MT-Safe with exceptions
<code>tparm(3X)</code>	Unsafe
<code>tputs(3X)</code>	Unsafe
<code>trig(3M)</code>	MT-Safe
<code>truncate(3C)</code>	MT-Safe
<code>tsearch(3C)</code>	Safe
<code>ttynam(3C)</code>	Unsafe, use <code>ttynam_r()</code>
<code>ttyslot(3C)</code>	Safe
<code>twalk(3C)</code>	Safe
<code>typeahead(3X)</code>	Unsafe
<code>t_accept(3N)</code>	MT-Safe
<code>t_alloc(3N)</code>	MT-Safe
<code>t_bind(3N)</code>	MT-Safe
<code>t_close(3N)</code>	MT-Safe
<code>t_connect(3N)</code>	MT-Safe
<code>t_error(3N)</code>	MT-Safe
<code>t_free(3N)</code>	MT-Safe
<code>t_getinfo(3N)</code>	MT-Safe
<code>t_getstate(3N)</code>	MT-Safe
<code>t_listen(3N)</code>	MT-Safe
<code>t_look(3N)</code>	MT-Safe
<code>t_open(3N)</code>	MT-Safe
<code>t_optmgmt(3N)</code>	MT-Safe
<code>t_rcv(3N)</code>	MT-Safe
<code>t_rcvconnect(3N)</code>	MT-Safe
<code>t_rcvdis(3N)</code>	MT-Safe
<code>t_rcvrel(3N)</code>	MT-Safe
<code>t_rcvudata(3N)</code>	MT-Safe
<code>t_rcvuderr(3N)</code>	MT-Safe
<code>t_snd(3N)</code>	MT-Safe
<code>t_snddis(3N)</code>	MT-Safe

Table B-1 MT Safety Levels of Library Routines

<code>t_sndrel(3N)</code>	MT-Safe
<code>t_sndudata(3N)</code>	MT-Safe
<code>t_strerror(3N)</code>	Unsafe
<code>t_sync(3N)</code>	MT-Safe
<code>t_unbind(3N)</code>	MT-Safe
<code>uaddr2taddr(3N)</code>	MT-Safe
<code>ulckpwdf(3C)</code>	MT-Safe
<code>ulltostr(3C)</code>	MT-Safe
<code>unctrl(3X)</code>	Unsafe
<code>ungetc(3S)</code>	MT-Safe
<code>ungetch(3X)</code>	Unsafe
<code>ungetwc(3I)</code>	MT-Safe
<code>ungetwch(3X)</code>	Unsafe
<code>unlockpt(3C)</code>	Safe
<code>unordered(3C)</code>	MT-Safe
<code>unpost_form(3X)</code>	Unsafe
<code>unpost_menu(3X)</code>	Unsafe
<code>untouchwin(3X)</code>	Unsafe
<code>update_panels(3X)</code>	Unsafe
<code>updwtmp(3C)</code>	Unsafe
<code>updwtmpx(3C)</code>	Unsafe
<code>user2netname(3N)</code>	MT-Safe
<code>use_env(3X)</code>	Unsafe
<code>utmpname(3C)</code>	Unsafe
<code>utmpxname(3C)</code>	Unsafe
<code>valloc(3C)</code>	Safe
<code>vfprintf(3S)</code>	Async-Signal-Safe
<code>vidattr(3X)</code>	Unsafe
<code>vidputs(3X)</code>	Unsafe
<code>vlfmt(3C)</code>	MT-safe
<code>volmgt_check(3X)</code>	MT-Safe
<code>volmgt_inuse(3X)</code>	MT-Safe
<code>volmgt_root(3X)</code>	MT-Safe
<code>volmgt_running(3X)</code>	MT-Safe
<code>volmgt_symdev(3X)</code>	MT-Safe
<code>volmgt_symname(3X)</code>	MT-Safe
<code>vpfmt(3C)</code>	MT-safe

Table B-1 MT Safety Levels of Library Routines

<code>vprintf(3S)</code>	Async-Signal-Safe
<code>vsprintf(3S)</code>	MT-Safe
<code>vsyslog(3)</code>	Safe
<code>vwprintw(3X)</code>	Unsafe
<code>vwscanw(3X)</code>	Unsafe
<code>waddch(3X)</code>	Unsafe
<code>waddchnstr(3X)</code>	Unsafe
<code>waddchstr(3X)</code>	Unsafe
<code>waddnstr(3X)</code>	Unsafe
<code>waddnwstr(3X)</code>	Unsafe
<code>waddstr(3X)</code>	Unsafe
<code>waddwch(3X)</code>	Unsafe
<code>waddwchnstr(3X)</code>	Unsafe
<code>waddwchstr(3X)</code>	Unsafe
<code>waddwstr(3X)</code>	Unsafe
<code>wadjcurspos(3X)</code>	Unsafe
<code>watof(3I)</code>	MT-Safe
<code>watoi(3I)</code>	MT-Safe
<code>watol(3I)</code>	MT-Safe
<code>watoll(3I)</code>	MT-Safe
<code>wattroff(3X)</code>	Unsafe
<code>wattron(3X)</code>	Unsafe
<code>wattrset(3X)</code>	Unsafe
<code>wbkgd(3X)</code>	Unsafe
<code>wbkgdset(3X)</code>	Unsafe
<code>wborder(3X)</code>	Unsafe
<code>wclear(3X)</code>	Unsafe
<code>wclrtoobot(3X)</code>	Unsafe
<code>wclrtoeol(3X)</code>	Unsafe
<code>wconv(3I)</code>	MT-Safe with exceptions
<code>wscat(3I)</code>	MT-Safe
<code>wcschr(3I)</code>	MT-Safe
<code>wscmp(3I)</code>	MT-Safe
<code>wscoll(3I)</code>	MT-Safe
<code>wscpy(3I)</code>	MT-Safe
<code>wscspn(3I)</code>	MT-Safe
<code>wcsetno(3I)</code>	MT-Safe with exceptions

Table B-1 MT Safety Levels of Library Routines

<code>wcslen(3I)</code>	MT-Safe
<code>wcsncat(3I)</code>	MT-Safe
<code>wcsncmp(3I)</code>	MT-Safe
<code>wcsncpy(3I)</code>	MT-Safe
<code>wcspbrk(3I)</code>	MT-Safe
<code>wcsrchr(3I)</code>	MT-Safe
<code>wcsspn(3I)</code>	MT-Safe
<code>wcstod(3I)</code>	MT-Safe
<code>wcstok(3I)</code>	MT-Safe
<code>wcstol(3I)</code>	MT-Safe
<code>wcstombs(3C)</code>	MT-Safe with exceptions
<code>wcstoul(3I)</code>	MT-Safe
<code>wcstring(3I)</code>	MT-Safe
<code>wcswcs(3I)</code>	MT-Safe
<code>wcswidth(3I)</code>	MT-Safe
<code>wcsxfrm(3I)</code>	MT-Safe
<code>wctomb(3C)</code>	MT-Safe with exceptions
<code>wctype(3I)</code>	MT-Safe
<code>wcursyncup(3X)</code>	Unsafe
<code>wcwidth(3I)</code>	MT-Safe
<code>wdelch(3X)</code>	Unsafe
<code>wdeleteln(3X)</code>	Unsafe
<code>wechochar(3X)</code>	Unsafe
<code>wechowchar(3X)</code>	Unsafe
<code>werase(3X)</code>	Unsafe
<code>wgetch(3X)</code>	Unsafe
<code>wgetnstr(3X)</code>	Unsafe
<code>wgetnwstr(3X)</code>	Unsafe
<code>wgetstr(3X)</code>	Unsafe
<code>wgetwch(3X)</code>	Unsafe
<code>wgetwstr(3X)</code>	Unsafe
<code>whline(3X)</code>	Unsafe
<code>winch(3X)</code>	Unsafe
<code>winchnstr(3X)</code>	Unsafe
<code>winchstr(3X)</code>	Unsafe
<code>windex(3I)</code>	MT-Safe
<code>winnstr(3X)</code>	Unsafe

Table B-1 MT Safety Levels of Library Routines

winnwstr(3X)	Unsafe
winsch(3X)	Unsafe
winsdelln(3X)	Unsafe
winsertrl(3X)	Unsafe
winsnstr(3X)	Unsafe
winsnwstr(3X)	Unsafe
winsstr(3X)	Unsafe
winstr(3X)	Unsafe
winswch(3X)	Unsafe
winswstr(3X)	Unsafe
winwch(3X)	Unsafe
winwchnstr(3X)	Unsafe
winwchstr(3X)	Unsafe
winwstr(3X)	Unsafe
wmove(3X)	Unsafe
wmovenextch(3X)	Unsafe
wmoveprevch(3X)	Unsafe
wnoutrefresh(3X)	Unsafe
wordexp(3C)	MT-Safe
wordfree(3C)	MT-Safe
wprintw(3X)	Unsafe
wredrawln(3X)	Unsafe
wrefresh(3X)	Unsafe
wrindex(3I)	MT-Safe
write_vtoc(3X)	Unsafe
wscanw(3X)	Unsafe
wscasecmp(3I)	MT-Safe
wscat(3I)	MT-Safe
wschr(3I)	MT-Safe
wscmp(3I)	MT-Safe
wscol(3I)	MT-Safe
wscoll(3I)	MT-Safe
wscpy(3I)	MT-Safe
wscrl(3X)	Unsafe
wscspn(3I)	MT-Safe
wsdup(3I)	MT-Safe
wsetscrreg(3X)	Unsafe

Table B-1 MT Safety Levels of Library Routines

<code>wslen(3I)</code>	MT-Safe
<code>wsncasecmp(3I)</code>	MT-Safe
<code>wsncat(3I)</code>	MT-Safe
<code>wsncmp(3I)</code>	MT-Safe
<code>wsncpy(3I)</code>	MT-Safe
<code>wspbrk(3I)</code>	MT-Safe
<code>wsprintf(3I)</code>	MT-Safe
<code>wsrchr(3I)</code>	MT-Safe
<code>wsscanf(3I)</code>	MT-Safe
<code>wsspn(3I)</code>	MT-Safe
<code>wstandend(3X)</code>	Unsafe
<code>wstandout(3X)</code>	Unsafe
<code>wstod(3I)</code>	MT-Safe
<code>wstok(3I)</code>	MT-Safe
<code>wstol(3I)</code>	MT-Safe
<code>wstring(3I)</code>	MT-Safe
<code>wsxfrm(3I)</code>	MT-Safe
<code>wsyncdown(3X)</code>	Unsafe
<code>wsyncup(3X)</code>	Unsafe
<code>wtimeout(3X)</code>	Unsafe
<code>wtouchln(3X)</code>	Unsafe
<code>wvline(3X)</code>	Unsafe
<code>xdr(3N)</code>	Safe
<code>xdrmem_create(3N)</code>	MT-Safe
<code>xdrrec_create(3N)</code>	MT-Safe
<code>xdrrec_endofrecord(3N)</code>	Safe
<code>xdrrec_eof(3N)</code>	Safe
<code>xdrrec_readbytes(3N)</code>	Safe
<code>xdrrec_skiprecord(3N)</code>	Safe
<code>xdrstdio_create(3N)</code>	MT-Safe
<code>xdr_accepted_reply(3N)</code>	Safe
<code>xdr_admin(3N)</code>	Safe
<code>xdr_array(3N)</code>	Safe
<code>xdr_authsys_parms(3N)</code>	Safe
<code>xdr_authunix_parms(3N)</code>	Unsafe
<code>xdr_bool(3N)</code>	Safe
<code>xdr_bytes(3N)</code>	Safe

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<code>xdr_callhdr(3N)</code>	Safe
<code>xdr_callmsg(3N)</code>	Safe
<code>xdr_char(3N)</code>	Safe
<code>xdr_complex(3N)</code>	Safe
<code>xdr_control(3N)</code>	Safe
<code>xdr_create(3N)</code>	MT-Safe
<code>xdr_destroy(3N)</code>	MT-Safe
<code>xdr_double(3N)</code>	Safe
<code>xdr_enum(3N)</code>	Safe
<code>xdr_float(3N)</code>	Safe
<code>xdr_free(3N)</code>	Safe
<code>xdr_getpos(3N)</code>	Safe
<code>xdr_hyper(3N)</code>	Safe
<code>xdr_inline(3N)</code>	Safe
<code>xdr_int(3N)</code>	Safe
<code>xdr_long(3N)</code>	Safe
<code>xdr_longlong_t(3N)</code>	Safe
<code>xdr_opaque(3N)</code>	Safe
<code>xdr_opaque_auth(3N)</code>	Safe
<code>xdr_pointer(3N)</code>	Safe
<code>xdr_quadruple(3N)</code>	Safe
<code>xdr_reference(3N)</code>	Safe
<code>xdr_rejected_reply(3N)</code>	Safe
<code>xdr_replymsg(3N)</code>	Safe
<code>xdr_setpos(3N)</code>	Safe
<code>xdr_short(3N)</code>	Safe
<code>xdr_simple(3N)</code>	Safe
<code>xdr_sizeof(3N)</code>	Safe
<code>xdr_string(3N)</code>	Safe
<code>xdr_union(3N)</code>	Safe
<code>xdr_u_char(3N)</code>	Safe
<code>xdr_u_hyper(3N)</code>	Safe
<code>xdr_u_int(3N)</code>	Safe
<code>xdr_u_long(3N)</code>	Safe
<code>xdr_u_longlong_t(3N)</code>	Safe
<code>xdr_u_short(3N)</code>	Safe
<code>xdr_vector(3N)</code>	Safe

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<code>xdr_void(3N)</code>	Safe
<code>xdr_wrapstring(3N)</code>	Safe
<code>xprt_register(3N)</code>	MT-Safe
<code>xprt_unregister(3N)</code>	MT-Safe
<code>y0(3M)</code>	MT-Safe
<code>y1(3M)</code>	MT-Safe
<code>yn(3M)</code>	MT-Safe
<code>ypclnt(3N)</code>	Unsafe
<code>yperr_string(3N)</code>	Unsafe
<code>ypprot_err(3N)</code>	Unsafe
<code>yp_all(3N)</code>	Unsafe
<code>yp_bind(3N)</code>	Unsafe
<code>yp_first(3N)</code>	Unsafe
<code>yp_get_default_domain(3N)</code>	Unsafe
<code>yp_master(3N)</code>	Unsafe
<code>yp_match(3N)</code>	Unsafe
<code>yp_next(3N)</code>	Unsafe
<code>yp_order(3N)</code>	Unsafe
<code>yp_unbind(3N)</code>	Unsafe
<code>yp_update(3N)</code>	Unsafe
<code>_NOTE(3X)</code>	Safe
<code>_tolower(3C)</code>	MT-Safe with exceptions
<code>_toupper(3C)</code>	MT-Safe with exceptions
<code>__nis_map_group(3N)</code>	MT-Safe