MT Safety Levels: Library Interfaces C

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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Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

`freenetconfigent(3N)`	MT-Safe
`free_field(3X)`	Unsafe
`free_fieldtype(3X)`	Unsafe
`free_form(3X)`	Unsafe
`free_item(3X)`	Unsafe
`free_menu(3X)`	Unsafe
`freopen(3S)`	MT-Safe
`frexp(3C)`	MT-Safe
`fscanf(3S)`	MT-Safe
`fseek(3S)`	MT-Safe
`fsetpos(3C)`	MT-Safe
`fsync(3C)`	Async-Signal-Safe
`ftell(3S)`	MT-Safe
`ftok(3C)`	MT-Safe
`ftruncate(3C)`	MT-Safe
`ftrylockfile(3S)`	MT-Safe
`ftw(3C)`	Safe
`func_to_decimal(3)`	MT-Safe
`funlockfile(3S)`	MT-Safe
`fwrite(3S)`	MT-Safe
`gconvert(3)`	MT-Safe
`gcvt(3)`	MT-Safe
`gcvt(3C)`	Unsafe
`getacdir(3)`	Safe
`getacflg(3)`	Safe
`getacinfo(3)`	Safe
`getacmin(3)`	Safe
`getacna(3)`	Safe
`getauclassent(3)`	Unsafe
`getauclassent_r(3)`	MT-Safe
`getauclassnam(3)`	Unsafe
`getauclassnam_r(3)`	MT-Safe
`getauditflags(3)`	MT-Safe
`getauditflagsbin(3)`	MT-Safe
`getauditflagschar(3)`	MT-Safe
`getauevent(3)`	Unsafe
`getauevent_r(3)`	MT-Safe

Table B-1 MT Safety Levels of Library Routines

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

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

`link_fieldtype(3X)`	Unsafe
`linmod(3)`	Safe
`lio_listio(3R)`	MT-Safe
`listen(3N)`	Safe
`llabs(3C)`	MT-Safe
`lldiv(3C)`	MT-Safe
`lltostr(3C)`	MT-Safe
`localeconv(3C)`	Safe with exceptions
`localtime(3C)`	Unsafe, use `localtime_r`()
`lockf(3C)`	MT-Safe
`log(3M)`	MT-Safe
`log10(3M)`	MT-Safe
`log1p(3M)`	MT-Safe
`logb(3C)`	MT-Safe
`logb(3M)`	MT-Safe
`longjmp(3C)`	Unsafe
`longname(3X)`	Unsafe
`lrand48(3C)`	Safe
`lsearch(3C)`	Safe
`madvise(3)`	MT-Safe
`maillock(3X)`	Unsafe
`major(3C)`	MT-Safe
`makecontext(3C)`	MT-Safe
`makedev(3C)`	MT-Safe
`mallinfo(3X)`	Safe
`malloc(3C)`	Safe
`malloc(3X)`	Safe
`mallopt(3X)`	Safe
`mapmalloc(3X)`	Safe
`matherr(3M)`	MT-Safe
`mbchar(3C)`	MT-Safe with exceptions
`mblen(3C)`	MT-Safe with exceptions
`mbstowcs(3C)`	MT-Safe with exceptions
`mbstring(3C)`	MT-Safe with exceptions
`mbtowc(3C)`	MT-Safe with exceptions
`media_findname(3X)`	MT-Unsafe
`media_getattr(3X)`	MT-Safe

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

menu_userptr(3X)	Unsafe
menu_win(3X)	Unsafe
meta(3X)	Unsafe
minor(3C)	MT-Safe
mkdirp(3G)	MT-Safe
mkfifo(3C)	MT-Safe, Async-Signal-Safe
mktemp(3C)	Safe
mktime(3C)	Unsafe
mlock(3C)	MT-Safe
mlockall(3C)	MT-Safe
modf(3C)	MT-Safe
modff(3C)	MT-Safe
monitor(3C)	Safe
move(3)	Safe
move(3X)	Unsafe
movenextch(3X)	Unsafe
moveprevch(3X)	Unsafe
move_field(3X)	Unsafe
move_panel(3X)	Unsafe
mq_close(3R)	MT-Safe
mq_getattr(3R)	MT-Safe
mq_notify(3R)	MT-Safe
mq_open(3R)	MT-Safe
mq_receive(3R)	MT-Safe
mq_send(3R)	MT-Safe
mq_setattr(3R)	MT-Safe
mq_unlink(3R)	MT-Safe
mrand48(3C)	Safe
msync(3C)	MT-Safe
munlock(3C)	MT-Safe
munlockall(3C)	MT-Safe
mutex(3T)	MT-Safe
mutex_destroy(3T)	MT-Safe
mutex_init(3T)	MT-Safe
mutex_lock(3T)	MT-Safe
mutex_trylock(3T)	MT-Safe
mutex_unlock(3T)	MT-Safe

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

`nis_sperror_r(3N)`	Safe
`nis_stats(3N)`	MT-Safe
`nis_subr(3N)`	Safe
`nis_tables(3N)`	MT-Safe
`nis_verifygroup(3N)`	MT-Safe
`nl(3X)`	Unsafe
`nlist(3E)`	Safe
`nlsgetcall(3N)`	Unsafe
`nlsprovider(3N)`	Unsafe
`nlsrequest(3N)`	Unsafe
`nl_langinfo(3C)`	Safe with exceptions
`nocbreak(3X)`	Unsafe
`nodelay(3X)`	Unsafe
`noecho(3X)`	Unsafe
`nonl(3X)`	Unsafe
`noqiflush(3X)`	Unsafe
`noraw(3X)`	Unsafe
`NOTE(3X)`	Safe
`notimeout(3X)`	Unsafe
`nrand48(3C)`	Safe
`ntohl(3N)`	Safe
`ntohs(3N)`	Safe
`offsetof(3C)`	MT-Safe
`opendir(3C)`	Safe
`openlog(3)`	Safe
`openpl(3)`	Safe
`openvt(3)`	Safe
`overlay(3X)`	Unsafe
`overwrite(3X)`	Unsafe
`p2close(3G)`	Unsafe
`p2open(3G)`	Unsafe
`pair_content(3X)`	Unsafe
`panels(3X)`	Unsafe
`panel_above(3X)`	Unsafe
`panel_below(3X)`	Unsafe
`panel_hidden(3X)`	Unsafe
`panel_move(3X)`	Unsafe

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

`vprintf(3S)`	Async-Signal-Safe
`vsprintf(3S)`	MT-Safe
`vsyslog(3)`	Safe
`vwprintw(3X)`	Unsafe
`vwscanw(3X)`	Unsafe
`waddch(3X)`	Unsafe
`waddchnstr(3X)`	Unsafe
`waddchstr(3X)`	Unsafe
`waddnstr(3X)`	Unsafe
`waddnwstr(3X)`	Unsafe
`waddstr(3X)`	Unsafe
`waddwch(3X)`	Unsafe
`waddwchnstr(3X)`	Unsafe
`waddwchstr(3X)`	Unsafe
`waddwstr(3X)`	Unsafe
`wadjcurspos(3X)`	Unsafe
`watof(3I)`	MT-Safe
`watoi(3I)`	MT-Safe
`watol(3I)`	MT-Safe
`watoll(3I)`	MT-Safe
`wattroff(3X)`	Unsafe
`wattron(3X)`	Unsafe
`wattrset(3X)`	Unsafe
`wbkgd(3X)`	Unsafe
`wbkgdset(3X)`	Unsafe
`wborder(3X)`	Unsafe
`wclear(3X)`	Unsafe
`wclrtobot(3X)`	Unsafe
`wclrtoeol(3X)`	Unsafe
`wconv(3I)`	MT-Safe with exceptions
`wcscat(3I)`	MT-Safe
`wcschr(3I)`	MT-Safe
`wcscmp(3I)`	MT-Safe
`wcscoll(3I)`	MT-Safe
`wcscpy(3I)`	MT-Safe
`wcscspn(3I)`	MT-Safe
`wcsetno(3I)`	MT-Safe with exceptions

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

winnwstr(3X)	Unsafe
winsch(3X)	Unsafe
winsdelln(3X)	Unsafe
winsertln(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

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

Table B-1 MT Safety Levels of Library Routines

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

Table B-1 MT Safety Levels of Library Routines

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