NAME

bsde_parse_rule, **bsde_parse_rule_string** - parse file system firewall rules

LIBRARY

File System Firewall Interface Library (libugidfw, -lugidfw)

SYNOPSIS

#include <ugidfw.h>

int
bsde_parse_rule(*int argc*, *char *argv[]*, *struct mac_bsdextended_rule *rule*, *size_t buflen*, *char *errstr*);

int
bsde_parse_rule_string(*const char *string*, *struct mac_bsdextended_rule *rule*, *size_t buflen*,
  *char *errstr*);

DESCRIPTION

The **bsde_parse_rule**() function parses an argument vector (e.g. *argv* as passed to **main**()) into *rule*. If an error occurs, **errstr* is filled in with the error string (up to *errlen* characters, including the terminating NUL).

The **bsde_parse_rule_string**() function is identical to **bsde_parse_rule**(), except that it parses a single string rather than an array of arguments.

RETURN VALUES

The **bsde_parse_rule_string**() and **bsde_parse_rule**() functions return 0 if successful; otherwise the value -1 is returned and the value of **errstr* is filled in as documented in *DESCRIPTION*.

SEE ALSO

bsde_delete_rule(3), bsde_get_rule(3), bsde_get_rule_count(3), bsde_get_rule_slots(3), bsde_rule_to_string(3), bsde_set_rule(3), libugidfw(3), mac_bsdextended(4), ugidfw(8)

AUTHORS

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