NAME

set_matchpathcon_flags, set_matchpathcon_invalidcon, set_matchpathcon_printf − set flags controlling the operation of matchpathcon or matchpathcon_index and configure the behaviour of validity checking and error displaying

SYNOPSIS

#include <selinux/selinux.h>

void set_matchpathcon_flags(unsigned int *flags***);**

void set_matchpathcon_invalidcon(int (* *f* **)(const char ****path***, unsigned** *lineno***, char ****context***));**

void set_matchpathcon_printf(void (* *f* **)(const char ****fmt***, ...));**

DESCRIPTION

set_matchpathcon_flags() sets the flags controlling the operation of **matchpathcon_init**(3) and subsequently **matchpathcon_index**(3) or **matchpathcon**(3). If the **MATCHPATHCON_BASEONLY** flag is set, then only the base file contexts configuration file will be processed, not any dynamically generated entries or local customizations.

set_matchpathcon_invalidcon() sets the function used by **matchpathcon_init**(3) when checking the validity of a context in the file contexts configuration. If not set, then this defaults to a test based on **security_check_context**(3), which checks validity against the active policy on a SELinux system. This can be set to instead perform checking based on a binary policy file, e.g. using **sepol_check_context**(3), as is done by **setfiles −c.** The function is also responsible for reporting any such error, and may include the *path* and *lineno* in such error messages.

set_matchpathcon_printf() sets the function used by **matchpathcon_init**(3) when displaying errors about the file contexts configuration. If not set, then this defaults to fprintf(stderr, fmt, ...). This can be set to redirect error reporting to a different destination.

RETURN VALUE

Returns zero on success or −1 otherwise.

SEE ALSO

selinux(8), **matchpathcon**(3), **matchpathcon_index**(3), **set_matchpathcon_invalidcon**(3), **set_matchpathcon_printf**(3), **freecon**(3), **setfilecon**(3), **setfscreatecon**(3)