NAME

selabel_lookup – obtain SELinux security context from a string label

SYNOPSIS

#include <selinux/selinux.h>
#include <selinux/label.h>

int selabel_lookup(struct selabel_handle **hnd***,**
 char ***context***,**
 const char **key***, int** *type***);**

int selabel_lookup_raw(struct selabel_handle **hnd***,**
 char ***context***,**
 const char **key***, int** *type***);**

DESCRIPTION

selabel_lookup() performs a lookup operation on the handle *hnd*, returning the result in the memory pointed to by *context*, which must be freed by the caller using **freecon**(3). The *key* and *type* parameters are the inputs to the lookup operation and are interpreted according to the specific backend that *handle* is open on.

selabel_lookup_raw() behaves identically to **selabel_lookup**() but does not perform context translation.

RETURN VALUE

On success, zero is returned. On error, −1 is returned and *errno* is set appropriately.

ERRORS

ENOENT
 No context corresponding to the input *key* and *type* was found.

EINVAL
 The *key* and/or *type* inputs are invalid, or the context being returned failed validation.

ENOMEM
 An attempt to allocate memory failed.

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SEE ALSO

selabel_open(3), **selabel_stats**(3), **selinux_set_callback**(3), **selinux**(8)