

NAME

`personality` – set the process execution domain

SYNOPSIS

```
#include <sys/personality.h>
```

```
int personality(unsigned long persona);
```

DESCRIPTION

Linux supports different execution domains, or personalities, for each process. Among other things, execution domains tell Linux how to map signal numbers into signal actions. The execution domain system allows Linux to provide limited support for binaries compiled under other Unix-like operating systems.

This function will return the current **personality()** when *persona* equals 0xffffffff. Otherwise, it will make the execution domain referenced by *persona* the new execution domain of the calling process.

RETURN VALUE

On success, the previous *persona* is returned. On error, `-1` is returned, and *errno* is set appropriately.

ERRORS**EINVAL**

The kernel was unable to change the personality.

CONFORMING TO

personality() is Linux-specific and should not be used in programs intended to be portable.

COLOPHON

This page is part of release 3.22 of the Linux *man-pages* project. A description of the project, and information about reporting bugs, can be found at <http://www.kernel.org/doc/man-pages/>.