

## NAME

stringprep\_profile - API function

## SYNOPSIS

```
#include <stringprep.h>
```

```
int stringprep_profile(const char * in, char ** out, const char * profile, Stringprep_profile_flags flags);
```

## ARGUMENTS

const char \* in

input array with UTF-8 string to prepare.

char \*\* out     output variable with pointer to newly allocate string.

const char \* profile

name of stringprep profile to use.

Stringprep\_profile\_flags flags

a **Stringprep\_profile\_flags** value, or 0.

## DESCRIPTION

Prepare the input zero terminated UTF-8 string according to the stringprep profile, and return the result in a newly allocated variable.

Note that you must convert strings entered in the systems locale into UTF-8 before using this function, see **stringprep\_locale\_to\_utf8()**.

The output *out* variable must be deallocated by the caller.

The *flags* are one of **Stringprep\_profile\_flags** values, or 0.

The *profile* specifies the name of the stringprep profile to use. It must be one of the internally supported stringprep profiles.

Return value: Returns **STRINGPREP\_OK** iff successful, or an error code.

## REPORTING BUGS

Report bugs to <help-libidn@gnu.org>.

General guidelines for reporting bugs: <https://www.gnu.org/gethelp/>

GNU Libidn home page: <https://www.gnu.org/software/libidn/>

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**SEE ALSO**

The full documentation for **libidn** is maintained as a Texinfo manual. If the **info** and **libidn** programs are properly installed at your site, the command

**info libidn**

should give you access to the complete manual. As an alternative you may obtain the manual from:

**<https://www.gnu.org/software/libidn/manual/>**