

NAME

stringprep_strerror - API function

SYNOPSIS

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

```
const char * stringprep_strerror(Stringprep_rc rc);
```

ARGUMENTS

Stringprep_rc rc

a **Stringprep_rc** return code.

DESCRIPTION

Convert a return code integer to a text string. This string can be used to output a diagnostic message to the user.

STRINGPREP_OK

Successful operation. This value is guaranteed to always be zero, the remaining ones are only guaranteed to hold non-zero values, for logical comparison purposes.

STRINGPREP_CONTAINS_UNASSIGNED

String contain unassigned Unicode code points, which is forbidden by the profile.

STRINGPREP_CONTAINS_PROHIBITED

String contain code points prohibited by the profile.

STRINGPREP_BIDI_BOTH_L_AND_RAL

String contain code points with conflicting bidirection category.

STRINGPREP_BIDI_LEADTRAIL_NOT_RAL

Leading and trailing character in string not of proper bidirectional category.

STRINGPREP_BIDI_CONTAINS_PROHIBITED

Contains prohibited code points detected by bidirectional code.

STRINGPREP_TOO_SMALL_BUFFER

Buffer handed to function was too small. This usually indicate a problem in the calling application.

STRINGPREP_PROFILE_ERROR

The stringprep profile was inconsistent. This usually indicate an internal error in the library.

STRINGPREP_FLAG_ERROR

The supplied flag conflicted with profile. This usually indicate a problem in the calling application.

STRINGPREP_UNKNOWN_PROFILE

The supplied profile name was not known to the library.

STRINGPREP_ICONV_ERROR

Character encoding conversion error.

STRINGPREP_NFKC_FAILED

The Unicode NFKC operation failed. This usually indicate an internal error in the library.

STRINGPREP_MALLOC_ERROR

The **malloc()** was out of memory. This is usually a fatal error.

Return value: Returns a pointer to a statically allocated string containing a description of the error with the return code *rc*.

REPORTING BUGS

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

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

GNU Libidn home page: <http://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:

<http://www.gnu.org/software/libidn/manual/>