

## NAME

stringprep\_utf8\_to\_ucs4 - API function

## SYNOPSIS

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

```
uint32_t * stringprep_utf8_to_ucs4(const char * str, ssize_t len, size_t * items_written);
```

## ARGUMENTS

const char \* str

a UTF-8 encoded string

ssize\_t len      the maximum length of *str* to use. If *len* < 0, then the string is nul-terminated.

size\_t \* items\_written

location to store the number of characters in the result, or **NULL**.

## DESCRIPTION

Convert a string from UTF-8 to a 32-bit fixed width representation as UCS-4. The function now performs error checking to verify that the input is valid UTF-8 (before it was documented to not do error checking).

Return value: a pointer to a newly allocated UCS-4 string. This value must be deallocated by the caller.

## 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/>

## COPYRIGHT

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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/>**