NAME

stringprep_ucs4_to_utf8 - API function

SYNOPSIS

#include <stringprep.h>

char * stringprep_ucs4_to_utf8(const uint32_t * *str***, ssize_t** *len***, size_t *** *items_read***, size_t ***
*items_written***);**

ARGUMENTS

const uint32_t * str

a UCS-4 encoded string

ssize_t len   the maximum length of *str* to use. If *len* < 0, then the string is terminated with a 0
character.

size_t * items_read

location to store number of characters read read, or **NULL**.

size_t * items_written

location to store number of bytes written or **NULL**. The value here stored does not
include the trailing 0 byte.

DESCRIPTION

Convert a string from a 32-bit fixed width representation as UCS-4. to UTF-8. The result will be
terminated with a 0 byte.

Return value: a pointer to a newly allocated UTF-8 string. This value must be deallocated by the
caller. If an error occurs, **NULL** will be returned.

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/