NAME

idn2_to_ascii_8z - API function

SYNOPSIS

#include <idn2.h>

int idn2_to_ascii_8z(const char * *input***, char **** *output***, int** *flags***);**

ARGUMENTS

const char * input

zero terminated input UTF-8 string.

char ** output

pointer to newly allocated output string.

int flags   optional **idn2_flags** to modify behaviour.

DESCRIPTION

Convert UTF-8 domain name to ASCII string using the IDNA2008 rules. The domain name may contain several labels, separated by dots. The output buffer must be deallocated by the caller.

The default behavior of this function (when flags are zero) is to apply the IDNA2008 rules without the TR46 amendments. As the TR46 non-transitional processing is nowadays ubiquitous, when unsure, it is recommended to call this function with the **IDN2_NONTRANSITIONAL** and the **IDN2_NFC_INPUT** flags for compatibility with other software.

Return value: Returns **IDN2_OK** on success, or error code.

SINCE

2.0.0

REPORTING BUGS

Report bugs to <help-libidn@gnu.org>.
General guidelines for reporting bugs: https://www.gnu.org/gethelp/
Libidn2 home page: https://www.gnu.org/software/libidn2/

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SEE ALSO

The full documentation for **libidn2** is maintained as a Texinfo manual. If the **info** and **libidn2** programs are properly installed at your site, the command

info libidn2

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

https://www.gnu.org/software/libidn/libidn2/manual/