

NAME

idn2_to_unicode_44i - API function

SYNOPSIS

```
#include <idn2.h>
```

```
int idn2_to_unicode_44i(const uint32_t * in, size_t inlen, uint32_t * out, size_t * outlen, int flags);
```

ARGUMENTS

const uint32_t * in

Input array with UTF-32 code points.

size_t inlen number of code points of input array

uint32_t * out output array with UTF-32 code points.

size_t * outlen

on input, maximum size of output array with UTF-32 code points, on exit, actual size of output array with UTF-32 code points.

int flags Currently unused.

DESCRIPTION

The ToUnicode operation takes a sequence of UTF-32 code points that make up one domain label and returns a sequence of UTF-32 code points. If the input sequence is a label in ACE form, then the result is an equivalent internationalized label that is not in ACE form, otherwise the original sequence is returned unaltered.

output may be NULL to test lookup of *input* without allocating memory.

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/>