

**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/>**