

**NAME**

idn2\_to\_unicode\_8z8z - API function

**SYNOPSIS**

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

```
int idn2_to_unicode_8z8z(const char * input, char ** output, int flags);
```

**ARGUMENTS**

const char \* input

Input zero-terminated UTF-8 string.

char \*\* output

Newly allocated UTF-8 output string.

int flags

Currently unused.

**DESCRIPTION**

Converts a possibly ACE encoded domain name in UTF-8 format into a UTF-8 string (punycode decoding). The output buffer will be zero-terminated and must be deallocated by the caller.

*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/>**