/\*\*

\* \*\*The version of the punycode module bundled in Node.js is being deprecated.\*\*In a future major version of Node.js this module will be removed. Users

\* currently depending on the `punycode` module should switch to using the

\* userland-provided [Punycode.js](https://github.com/bestiejs/punycode.js) module instead. For punycode-based URL

\* encoding, see `url.domainToASCII` or, more generally, the `WHATWG URL API`.

\*

\* The `punycode` module is a bundled version of the [Punycode.js](https://github.com/bestiejs/punycode.js) module. It

\* can be accessed using:

\*

\* ```js

\* const punycode = require('punycode');

\* ```

\*

\* [Punycode](https://tools.ietf.org/html/rfc3492) is a character encoding scheme defined by RFC 3492 that is

\* primarily intended for use in Internationalized Domain Names. Because host

\* names in URLs are limited to ASCII characters only, Domain Names that contain

\* non-ASCII characters must be converted into ASCII using the Punycode scheme.

\* For instance, the Japanese character that translates into the English word,`'example'` is `'例'`. The Internationalized Domain Name, `'例.com'` (equivalent

\* to `'example.com'`) is represented by Punycode as the ASCII string`'xn--fsq.com'`.

\*

\* The `punycode` module provides a simple implementation of the Punycode standard.

\*

\* The `punycode` module is a third-party dependency used by Node.js and

\* made available to developers as a convenience. Fixes or other modifications to

\* the module must be directed to the [Punycode.js](https://github.com/bestiejs/punycode.js) project.

\* @deprecated Since v7.0.0 - Deprecated

\* @see [source](https://github.com/nodejs/node/blob/v17.0.0/lib/punycode.js)

\*/

declare module 'punycode' {

/\*\*

\* The `punycode.decode()` method converts a [Punycode](https://tools.ietf.org/html/rfc3492) string of ASCII-only

\* characters to the equivalent string of Unicode codepoints.

\*

\* ```js

\* punycode.decode('maana-pta'); // 'mañana'

\* punycode.decode('--dqo34k'); // '☃-⌘'

\* ```

\* @since v0.5.1

\*/

function decode(string: string): string;

/\*\*

\* The `punycode.encode()` method converts a string of Unicode codepoints to a [Punycode](https://tools.ietf.org/html/rfc3492) string of ASCII-only characters.

\*

\* ```js

\* punycode.encode('mañana'); // 'maana-pta'

\* punycode.encode('☃-⌘'); // '--dqo34k'

\* ```

\* @since v0.5.1

\*/

function encode(string: string): string;

/\*\*

\* The `punycode.toUnicode()` method converts a string representing a domain name

\* containing [Punycode](https://tools.ietf.org/html/rfc3492) encoded characters into Unicode. Only the [Punycode](https://tools.ietf.org/html/rfc3492) encoded parts of the domain name are be

\* converted.

\*

\* ```js

\* // decode domain names

\* punycode.toUnicode('xn--maana-pta.com'); // 'mañana.com'

\* punycode.toUnicode('xn----dqo34k.com'); // '☃-⌘.com'

\* punycode.toUnicode('example.com'); // 'example.com'

\* ```

\* @since v0.6.1

\*/

function toUnicode(domain: string): string;

/\*\*

\* The `punycode.toASCII()` method converts a Unicode string representing an

\* Internationalized Domain Name to [Punycode](https://tools.ietf.org/html/rfc3492). Only the non-ASCII parts of the

\* domain name will be converted. Calling `punycode.toASCII()` on a string that

\* already only contains ASCII characters will have no effect.

\*

\* ```js

\* // encode domain names

\* punycode.toASCII('mañana.com'); // 'xn--maana-pta.com'

\* punycode.toASCII('☃-⌘.com'); // 'xn----dqo34k.com'

\* punycode.toASCII('example.com'); // 'example.com'

\* ```

\* @since v0.6.1

\*/

function toASCII(domain: string): string;

/\*\*

\* @deprecated since v7.0.0

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\* the userland-provided Punycode.js module instead.

\*/

const ucs2: ucs2;

interface ucs2 {

/\*\*

\* @deprecated since v7.0.0

\* The version of the punycode module bundled in Node.js is being deprecated.

\* In a future major version of Node.js this module will be removed.

\* Users currently depending on the punycode module should switch to using

\* the userland-provided Punycode.js module instead.

\*/

decode(string: string): number[];

/\*\*

\* @deprecated since v7.0.0

\* The version of the punycode module bundled in Node.js is being deprecated.

\* In a future major version of Node.js this module will be removed.

\* Users currently depending on the punycode module should switch to using

\* the userland-provided Punycode.js module instead.

\*/

encode(codePoints: ReadonlyArray<number>): string;

}

/\*\*

\* @deprecated since v7.0.0

\* The version of the punycode module bundled in Node.js is being deprecated.

\* In a future major version of Node.js this module will be removed.

\* Users currently depending on the punycode module should switch to using

\* the userland-provided Punycode.js module instead.

\*/

const version: string;

}

declare module 'node:punycode' {

export \* from 'punycode';

}