



Full credit is given to the above companies including the Operating System (OS) that this PDF file was generated!

Rocky Enterprise Linux 9.2 Manual Pages on command 'URI::_punycode.3pm'

\$ man URI::_punycode.3pm

URI::_punycode(3pm) User Contributed Perl Documentation URI::_punycode(3pm)

NAME

URI::_punycode - encodes Unicode string in Punycode

SYNOPSIS

```
use strict;

use warnings;

use utf8;

use URI::_punycode qw(encode_punycode decode_punycode);

# encode a unicode string
my $punycode = encode_punycode('http://?.net'); # http://.net-xc8g
$punycode = encode_punycode('b?cher'); # bcher-kva
$punycode = encode_punycode('????????'); # ihqwcrb4cv8a8dqq056pqjye

# decode a punycode string back into a unicode string
my $unicode = decode_punycode('http://.net-xc8g'); # http://?.net
$unicode = decode_punycode('bcher-kva'); # b?cher
$unicode = decode_punycode('ihqwcrb4cv8a8dqq056pqjye'); # ??????????
```

DESCRIPTION

URI::_punycode is a module to encode / decode Unicode strings into Punycode
<<https://tools.ietf.org/html/rfc3492>>, an efficient encoding of Unicode for use with IDNA
<<https://tools.ietf.org/html/rfc5890>>.

FUNCTIONS

All functions throw exceptions on failure. You can "catch" them with `Syntax::Keyword::Try` or `Try::Tiny`. The following functions are exported by default.

encode_punycode

```
my $punycode = encode_punycode('http://?.net'); # http://.net-xc8g
$punycode = encode_punycode('b?cher'); # bcher-kva
$punycode = encode_punycode('????????') # ihqwcrb4cv8a8dqg056pqjye
```

Takes a Unicode string (UTF8-flagged variable) and returns a Punycode encoding for it.

decode_punycode

```
my $unicode = decode_punycode('http://.net-xc8g'); # http://?.net
$unicode = decode_punycode('bcher-kva'); # b?cher
$unicode = decode_punycode('ihqwcrb4cv8a8dqg056pqjye'); # ??????????
```

Takes a Punycode encoding and returns original Unicode string.

AUTHOR

Tatsuhiko Miyagawa <miyagawa@bulknews.net> is the author of IDNA::Punycode which was the basis for this module.

SEE ALSO

IDNA::Punycode, RFC 3492 <<https://tools.ietf.org/html/rfc3492>>, RFC 5891
<<https://tools.ietf.org/html/rfc5891>>

COPYRIGHT AND LICENSE

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

