

bcp-47-normalize

 main no status

Normalize, canonicalize, and format [BCP 47](#) tags.

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In browsers with [esm.js](#):

```
import { bcp47Normalize } from 'https://esm.sh/bcp-47-normalize@2'
```

In Deno with [esm.js](#):

```
npm install bcp-47-normalize
```

Install with [npm](#):

This package is [ESM only](#). In Node.js (version 14.14+, 16.0+),

Install

Language tags and want to normalize and clean them.

You can use this package when dealing with user-provided

When should I use this?

[suggestions](#).

(en-bu -> en-MM). It works by applying [Unicode CLDR](#) overlong, and otherwise unpreferred values with preferred values removes unneeded info (en-us -> en) and replaces deprecated, This package takes BCP 47 tags and makes them uniform. It

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What is this?

Security

This package is safe.

Related

- [wooorm/bcp-47](#) — parse and stringify BCP 47 language tags
- [wooorm/bcp-47-match](#) — match BCP 47 language tags with language ranges per RFC 4647
- [wooorm/iso-3166](#) — ISO 3166 codes
- [wooorm/iso-639-2](#) — ISO 639-2 codes
- [wooorm/iso-639-3](#) — ISO 639-3 codes
- [wooorm/iso-15924](#) — ISO 15924 codes
- [wooorm/un-m49](#) — UN M49 codes

Contribute

Yes please! See [How to Contribute to Open Source](#).

```
<script type="module">
  import {bcp47Normalize} from 'https://
  esm.sh/bcp-47-normalize@2?
  bundle'
</script>
```

Use

```
import {bcp47Normalize} from 'bcp-47-
normalize'

const tags = [
  'de-de-1901',
  'en-gb',
  'en-us',
  'en-bu',
  'hy-arevmda',
  'nld-nl',
  'no-nyn',
  'pt-br',
  'pt-pt',
  'zh-hans-cn'
]

tags.forEach((tag) =>
  console.log('%s -> %s', tag,
  bcp47Normalize(tag)))
```

Yields:

This package is at least compatible with all maintained versions of Node.js. As of now, that is Node.js 14.14+ and 16.0+.

It also works in Deno and modern browsers.

Compatibility

This package is fully typed with [TypeScript](#). It exports the additional types `Options` and `Warning`.

Types

Normal, canonical, and pretty [BCP47](#) tag (`string`).

Returns

This warning is only given if the region cannot be automatically fixed (when regions split into multiple regions).

Deprecated region CURRENT, expected one of

code reason

One additional warning is given:

— passed to `bcp-47 as options.warning`

- `options.warning` (Function?, default: undefined)

de-de-1901 -> de-1901

en-gb -> en-GB

en-us -> en

nl-d-nl -> nl

hy-arevmda -> hyw

en-bu -> en-MM

pt-br -> pt

There is no default export.

This package exports the identifier `bcp47Normalize`.

`bcp47Normalize(tag[, options])`

Normalize the given BCP 47 tag according to [Unicode CLDR](#)

Parameters

passed to `bcp-47 as options.foreign`

- `tag(string) — BCP47 tag`

- `options.foreign (boolean, default: false) —`

- `passed to bcp-47 as options.foreign`