

The maintainers of `entities` and thousands of other packages are working with Tidelift to deliver commercial support and maintenance for the open source dependencies you use to build your applications. Save time, reduce risk, and improve code health, while paying the maintainers of the exact dependencies you use. [Learn more.](#)

# entities

## Coverage

Encode & decode HTML & XML entities with ease & speed.

## How to...

### ...install entities

```
npm install entities
```

### ...use entities

```
//decoding
entities.decodeXML("&#xFF; &#xFF;
&#xFC; &apos;"); // "asdf & y u
"
entities.decodeHTML("&#xFF; &#xFF;
&#xFC; &apos;"); // "asdf & y u
"
```

## Performance

This is how entities compares to other libraries on a very basic benchmark (see scripts/benchmark.ts, for 10,000,000 iterations):

Library	decode	encode	escape	perft	perft	perft	Bundle size
entities	1.418s	6.786s	2.196s	npm bundle size			
html-entities	2.530s	6.829s	2.415s				
he	5.800s	24.237s	3.624s				
parse-entities	9.660s	N/A	N/A				

## Acknowledgements

This library wouldn't be possible without the work of these individuals. Thanks to

- [@mathiasbynens](#) for his explanations about character encodings, and his library he, which was one of the inspirations for entities
- [@mikulín](#) for his work on optimized tries for decoding HTML entities for the parse5 project
- [@mdevils](#) for taking on the challenge of producing a quick entity library with his html-entities library. entities would be quite a bit slower if there wasn't any competition. Right now entities is on top, but we'll see how long that lasts!

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## Security contact information

To report a security vulnerability, please use the [Tidelift security contact](#). Tidelift will coordinate the fix and disclosure.

## entities for enterprise

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