# emoji-regex [Build status](https://travis-ci.org/mathiasbynens/emoji-regex)

*emoji-regex* offers a regular expression to match all emoji symbols (including textual representations of emoji) as per the Unicode Standard.

This repository contains a script that generates this regular expression based on [the data from Unicode v12](https://github.com/mathiasbynens/unicode-12.0.0). Because of this, the regular expression can easily be updated whenever new emoji are added to the Unicode standard.

## Installation

Via [npm](https://www.npmjs.com/):

npm install emoji-regex

In [Node.js](https://nodejs.org/):

const emojiRegex = require('emoji-regex');

// Note: because the regular expression has the global flag set, this module

// exports a function that returns the regex rather than exporting the regular

// expression itself, to make it impossible to (accidentally) mutate the

// original regular expression.

const text = `

\u{231A}: ⌚ default emoji presentation character (Emoji\_Presentation)

\u{2194}\u{FE0F}: ↔️ default text presentation character rendered as emoji

\u{1F469}: 👩 emoji modifier base (Emoji\_Modifier\_Base)

\u{1F469}\u{1F3FF}: 👩🏿 emoji modifier base followed by a modifier

`;

const regex = emojiRegex();

let match;

while (match = regex.exec(text)) {

const emoji = match[0];

console.log(`Matched sequence ${ emoji } — code points: ${ [...emoji].length }`);

}

Console output:

Matched sequence ⌚ — code points: 1

Matched sequence ⌚ — code points: 1

Matched sequence ↔️ — code points: 2

Matched sequence ↔️ — code points: 2

Matched sequence 👩 — code points: 1

Matched sequence 👩 — code points: 1

Matched sequence 👩🏿 — code points: 2

Matched sequence 👩🏿 — code points: 2

To match emoji in their textual representation as well (i.e. emoji that are not Emoji\_Presentation symbols and that aren’t forced to render as emoji by a variation selector), require the other regex:

const emojiRegex = require('emoji-regex/text.js');

Additionally, in environments which support ES2015 Unicode escapes, you may require ES2015-style versions of the regexes:

const emojiRegex = require('emoji-regex/es2015/index.js');

const emojiRegexText = require('emoji-regex/es2015/text.js');

## Author

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## License

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