@wordpress/escape-html

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Escape HTML utils.

Installation

Install the module

```
npm install @wordpress/escape-html
```

*This package assumes that your code will run in an **ES2015+** environment. If you're using an environment that has limited or no support for such language features and APIs, you should include the polyfill shipped in `@wordpress/babel-preset-default` in your code.*

API

escapeAmpersand

Returns a string with ampersands escaped. Note that this is an imperfect implementation, where only ampersands which do not appear as a pattern of named, decimal, or hexadecimal character references are escaped. Invalid named references (i.e. ambiguous ampersand) are still permitted.

Related

- https://w3c.github.io/html/syntax.html#character-references
- https://w3c.github.io/html/syntax.html#ambiguous-ampersand
- https://w3c.github.io/html/syntax.html#named-character-references

Parameters

- *value* `string`: Original string.

Returns

- `string`: Escaped string.

escapeAttribute

Returns an escaped attribute value.

Related

- https://w3c.github.io/html/syntax.html#elements-attributes "[…] the text cannot contain an ambiguous ampersand […] must not contain any literal U+0022 QUOTATION MARK characters (")"

Note we also escape the greater than symbol, as this is used by wptexturize to split HTML strings. This is a WordPress specific fix

Note that if a resolution for Trac#45387 comes to fruition, it is no longer necessary for `__unstableEscapeGreaterThan` to be used.

Note we also escape the less-than symbol to prevent HTML injection vulnerabilities and parsing issues, particularly for users without the unfiltered_html capability.

See: https://core.trac.wordpress.org/ticket/45387

Parameters

- *value* `string`: Attribute value.

Returns

- `string`: Escaped attribute value.

escapeEditableHTML

Returns an escaped Editable HTML element value. This is different from `escapeHTML`, because for editable HTML, ALL ampersands must be escaped in order to render the content correctly on the page.

Parameters

- *value* `string`: Element value.

Returns

- `string`: Escaped HTML element value.

escapeHTML

Returns an escaped HTML element value.

Related

- https://w3c.github.io/html/syntax.html#writing-html-documents-elements “the text must not contain the character U+003C LESS-THAN SIGN (\<) or an ambiguous ampersand.”

Parameters

- *value* `string`: Element value.

Returns

- `string`: Escaped HTML element value.

escapeLessThan

Returns a string with less-than sign replaced.

Parameters

- *value* `string`: Original string.

Returns

- `string`: Escaped string.

escapeQuotationMark

Returns a string with quotation marks replaced.

Parameters

- *value* `string`: Original string.

Returns

- `string`: Escaped string.

isValidAttributeName

Returns true if the given attribute name is valid, or false otherwise.

Parameters

- *name* `string`: Attribute name to test.

Returns

- `boolean`: Whether attribute is valid.

Contributing to this package

This is an individual package that's part of the Gutenberg project. The project is organized as a monorepo. It's made up of multiple self-contained software packages, each with a specific purpose. The packages in this monorepo are published to npm and used by WordPress as well as other software projects.

To find out more about contributing to this package or Gutenberg as a whole, please read the project's main contributor guide.

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