

Mapped replacer

Zero-dependency Map and RegExp based string replacer with Unicode support.

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API

addRule(key: string, value: string): boolean

@param {string} key

@param {string} value

@return {boolean}

Adds a new rule or updates the existing rule for character replacing.

```
const MappedReplacer = require('mapped-replacer')

const mapper = new MappedReplacer()

mapped.addRule('👉:smile:', ' 😊 ')

console.log(mapped.replace('Hello world 👉:smile:')) // outputs 'Hello world 😊'
```

addRules(rules: Object[]): boolean

@param {Object[]} rules

@return {boolean}

Adds an array of rules or updates the existing rules for character replacing.

Passed objects are simple key-value objects, i.e.

*{ '<': '<' } *

```
const MappedReplacer = require('mapped-replacer')

const mapper = new MappedReplacer()
```

```
mapped.addRules ({
  'T': ' 𝕋',
  '≈': ' ≈',
  't': ' 𝔱'
})

console.log(mapped.replace('T ≈ t')) // outputs ' 𝕋  ≈  𝔱'
```

removeRule(key: string): boolean

@param {string} key

@returns {boolean}

Removes the rule that matches the provided key.

```
const MappedReplacer = require('mapped-replacer')

const mapper = new MappedReplacer()

mapped.addRule('T', ' 𝕋')
mapped.addRule('≈', ' ≈')

mapped.removeRule('T')

console.log(mapped.replace('T ≈ t')) // outputs 'T  ≈  𝔱'
```

rulesCount(): number

@returns {number}

Gets the number of rules for character replacing.

```
const MappedReplacer = require('mapped-replacer')

const mapper = new MappedReplacer()

mapped.addRule('T', ' 𝕋')

console.log(mapped.rulesCount()) // outputs 1
```

clearRules(): void

@returns {void}

Clears all the rules.

```
const MappedReplacer = require('mapped-replacer')

const mapper = new MappedReplacer()

mapped.addRule('T', ' 𝕋')
mapped.clearRules()

console.log(mapped.rulesCount()) // outputs 0
```

replace(input: string): string

@param {string} input

@returns {string}

Replaces the values in the input that match the keys in the Map object.

```
const MappedReplacer = require('mapped-replacer')

const mapper = new MappedReplacer()

mapped.addRule('→', '➡️')

console.log(mapped.replace('a → b')) // outputs 'a ➡️ b'
```

Test

npm test

Benchmark

npm run benchmark