

Package ‘lzstring’

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Type Package

Title Wrapper for 'lz-string' 'C++' Library

Version 0.2.0

Description Provide access to the 'lz-string'

<<http://pieroxy.net/blog/pages/lz-string/index.html>> 'C++' library for
Lempel-Ziv (LZ) based compression and decompression of strings.

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Encoding UTF-8

LinkingTo cpp11

Suggests testthat (>= 3.0.0), ggplot2, bench, jsonlite

Config/testthat/edition 3

RoxygenNote 7.3.1

URL <https://parmsam.github.io/lzstring-r/>,
<https://github.com/parmsam/lzstring-r>

BugReports <https://github.com/parmsam/lzstring-r/issues>

NeedsCompilation yes

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compressToBase64	<i>Compress a string to Base64</i>
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Description

This function takes a string as input and returns a compressed version of the string in Base64 format.

Usage

```
compressToBase64(string)
```

Arguments

string	A character string to be compressed.
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Value

A character string representing the compressed input string in Base64 format.

Examples

```
compressToBase64("Hello, world!")
```

compressToEncodedURIComponent	<i>Compress a string to Encoded URI Component</i>
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Description

This function takes a string as input and returns a compressed version of the string in Encoded URI Component format.

Usage

```
compressToEncodedURIComponent(string)
```

Arguments

string	A character string to be compressed.
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Value

A character string representing the compressed input string in Encoded URI Component format.

Examples

```
compressToEncodedURIComponent("Hello, world!")
```

`decompressFromBase64` *Decompress a string from Base64*

Description

This function takes a compressed string in Base64 format as input and returns the decompressed version of the string.

Usage

```
decompressFromBase64(string)
```

Arguments

`string` A character string in Base64 format to be decompressed.

Value

A character string representing the decompressed input string.

Examples

```
x <- compressToBase64("Hello, world!")
decompressFromBase64(x)
```

`decompressFromEncodedURIComponent`
 Decompress a string from Encoded URI Component

Description

This function takes a compressed string in Encoded URI Component format as input and returns the decompressed version of the string.

Usage

```
decompressFromEncodedURIComponent(string)
```

Arguments

`string` A character string in Encoded URI Component format to be decompressed.

Value

A character string representing the decompressed input string.

Examples

```
x <- compressToEncodedURIComponent("Hello, world!")  
decompressFromEncodedURIComponent(x)
```

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