Package 'shortuuid'

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Title Generate and Translate Standard UUIDs

Version 0.1.0

Description Generate and translate standard Universally Unique Identifiers (UUIDs) into shorter - or just different - formats and back. Also implements base58 encoders and decoders.

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Encoding UTF-8

RoxygenNote 7.3.2

LinkingTo Rcpp

Imports Rcpp

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation yes

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Repository CRAN

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Contents

base58_to_uuid *Convert base58 to uuid*

Description

Convert base58 to uuid

Usage

```
base58_to_uuid(input, alphabet)
```

Arguments

input	character vector of base58 strings
alphabet	character vector representing an alphabet

Value

character vector of uuids

bitcoin58_to_uuid *Convert base58 bitcoin encoded character vector to uuid*

Description

Convert base58 bitcoin encoded character vector to uuid

Usage

```
bitcoin58_to_uuid(input)
```

Arguments

input	character vector of base58 strings

Value

character vector of uuids

flickr58_to_uuid *Convert base58 flickr encoded character vector to uuid*

Description

Convert base58 flickr encoded character vector to uuid

Usage

```
flickr58_to_uuid(input)
```

Arguments

input	character vector of base58 strings

Value

character vector of uuids

generate_uuid *Generate a random RFC4122 v4-compliant UUID*

Description

Generate a random RFC4122 v4-compliant UUID

Usage

```
generate_uuid(n = 1)
```

Arguments

n	number of ids to generate

Value

character vector of uuids

Examples

```
generate_uuid(n = 5)
```

is.base58 *validate if character vector is base58 encoded*

Description

validate if character vector is base58 encoded

Usage

```
is.base58(x, alphabet)
```

Arguments

x	A character vector
alphabet	character vector representing an alphabet

Value

logical vector indicating if each element is a valid base58 string

is.uuid *check if object is of class uuid*

Description

check if object is of class uuid

Usage

```
is.uuid(x)
```

Arguments

x	A character vector

Value

logical indicating if the input is a valid UUID

uuid_to_base58 *Convert uuid to base58*

Description

Convert uuid to base58

Usage

```
uuid_to_base58(input, alphabet)
```

Arguments

input	character vector of uuids
alphabet	character vector representing an alphabet

Value

character vector of base58 encoded uuids

uuid_to_bitcoin58 *Convert uuid to base58 encoding of bitcoin*

Description

Convert uuid to base58 encoding of bitcoin

Usage

```
uuid_to_bitcoin58(input)
```

Arguments

input	character vector of uuids

Value

character vector of base58 encoded uuids

Examples

```
uuids <- generate_uuid(5)
uuid_to_bitcoin58(uuids)
```

uuid_to_flickr58 *Convert uuid to base58 encoding of flickr*

Description

Convert uuid to base58 encoding of flickr

Usage

```
uuid_to_flickr58(input)
```

Arguments

input	character vector of uuids

Value

character vector of base58 encoded uuids

Examples

```
uuids <- generate_uuid(5)
uuid_to_flickr58(uuids)
```

validate.uuid *validate if a string is a uuid*

Description

validate if a string is a uuid

Usage

```
validate.uuid(x)
```

Arguments

x	A character vector

Value

logical indicating if the input is a valid UUID

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