

Package ‘describer’

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Title Describe Data in R Using Common Descriptive Statistics

Version 0.2.0

Description Allows users to quickly and easily describe data using common descriptive statistics.

URL <https://github.com/paulhendricks/describer>

BugReports <https://github.com/paulhendricks/describer/issues>

Depends R (>= 3.1.2)

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LazyData true

Suggests dplyr, testthat, lintr

NeedsCompilation no

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Repository CRAN

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describe	<i>Describe atomic vectors or data.frames.</i>
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Description

describe takes vectors and data.frames and returns a data.frame containing important descriptive statistics.

Usage

```
describe(.x)

## S3 method for class 'numeric'
describe(.x)

## S3 method for class 'character'
describe(.x)

## S3 method for class 'data.frame'
describe(.x)

## Default S3 method:
describe(.x)
```

Arguments

.x a vector or data.frame to be described.

Value

a data.frame containing important descriptive statistics.

Methods (by class)

- numeric: Method for numeric.
- character: Method for character.
- data.frame: Method for data.frames.
- default: Method for default.

Examples

```
# Example
describe(mtcars)
describe(iris)
describe(state.name)
```

describer	<i>describer: Describe Data in R Using Common Descriptive Statistics</i>
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Description

describer: Describe Data in R Using Common Descriptive Statistics

describe_nonnumeric	<i>Describe non-numeric atomic vectors.</i>
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Description

describe_nonnumeric takes non-numeric atomic vectors and returns a data.frame containing important descriptive statistics.

Usage

```
describe_nonnumeric(.x)
```

Arguments

.x a non-numeric atomic vector to be described.

Value

a data.frame containing important descriptive statistics.

Examples

```
# Example
describe_nonnumeric(letters)
```

describe_numeric	<i>Describe numeric atomic vectors.</i>
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Description

describe_numeric takes numeric vectors and returns a data.frame containing important descriptive statistics.

Usage

```
describe_numeric(.x)
```

Arguments

`.x` a numeric atomic vector or data.frame to be described.

Value

a data.frame containing important descriptive statistics.

Examples

```
# Example  
describe_numeric(1:100)
```

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