

# Package ‘randstr’

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**Type** Package

**Title** Generate Random Strings

**Version** 0.2.0

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**Description** Generate random strings of a dictated size of symbol set and distribution of the lengths of strings.

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**LazyData** TRUE

**Imports** truncnorm, random, stringi

**RoxygenNote** 5.0.1

**NeedsCompilation** no

**Repository** CRAN

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randStr	<i>Generate random strings of a dictated size of symbol set and distribution of the lengths of strings. The output is a list of 2 items: <code>[[1]]</code>vector of strings, <code>[[2]]</code>vector of the corresponding symbol set</i>
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### Description

Generate random strings of a dictated size of symbol set and distribution of the lengths of strings. The output is a list of 2 items: `[[1]]`vector of strings, `[[2]]`vector of the corresponding symbol set

**Usage**

```
randStr(nString, maxLen, minLen, stdevLen = 0, distLen = "normal",  
        symbolSetSize, delimiter = "-")
```

**Arguments**

nString	Number of strings to be generated
maxLen	Maximum allowable length of the strings
minLen	Minimum allowable length of the strings
stdevLen	Standard deviation of the length of the strings, applicable if using truncated normal distribution for the lengths of strings i.e. distLen='normal'
distLen	Distribution of the lengths of strings, can take on value of 'normal' or 'uniform'
symbolSetSize	Allowable number of different symbols to appear in the strings
delimiter	symbol separating each item in the strings

**Examples**

```
randStr(nString = 10, maxLen = 30, minLen = 1, stdevLen = 15, symbolSetSize = 25)
```

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