

# Package ‘spellcheckr’

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**Type** Package

**Title** Correct the Spelling of a Given Word in the English Language

**Version** 0.1.2

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**Description** Corrects the spelling of a given word in English using a modification of Peter Norvig's spell correct algorithm (see <<http://norvig.com/spell-correct.html>>) which handles up to three edits. The algorithm tries to find the spelling with maximum probability of intended correction out of all possible candidate corrections from the original word.

**License** GPL-2 | GPL-3

**Encoding** UTF-8

**LazyData** true

**Imports** data.table, dplyr, stringr

**RoxygenNote** 5.0.1

**NeedsCompilation** no

**Depends** R (>= 2.10)

**Repository** CRAN

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correct	<i>correct</i>
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### Description

Correct the spelling of a given word in the english language.

### Usage

```
correct(wd = NULL, maxedit = 2, dictionary = NULL)
```

### Arguments

wd	Character. The word to be spell corrected.
maxedit	Integer. The maximum number of edits allowed to reach the correct word. Max allowed is 3.
dictionary	Character Vector of eligible words to be considered. Repeated words will get more weightage.

### Details

This is based on Peter Norvig's spell correct algorithm <http://norvig.com/spell.py>. But this one is modified to handle upto three edits.

### Value

The corrected word.

### Author(s)

Selva Prabhakaran <selva86@gmail.com>

### Examples

```
data(dict)
correct("scaret")
correct("beliebe")
```

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`dict`

*dict*

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**Description**

A dataset containing the valid english dictionary words originally obtained from a work of Jane Austen.

**Usage**

```
data(dict)
```

**Format**

A data frame with 245462 rows and 2 columns

**Details**

- `.` The actual word
- `N` The number of occurrences of the word in the document.

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