Package ‘threewords’

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Type Package

Title Represent Precise Coordinates in Three Words

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Description A connector to the 'What3Words' (http://what3words.com/) service, which represents each 3m by 3m square on earth with a unique trio of English-language words.

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LazyData TRUE

Imports httr

Suggests testthat

NeedsCompilation no

Repository CRAN

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from_position  
Resolve a Position to Three Identifying Words

Description
from_position takes latitude/longitude pair (or sequence of them) and resolves them to a word cluster used by what3words.

Usage
from_position(key, positions, ...)

Arguments
- **key**: an API key obtained from what3words.
- **positions**: either a vector containing a single latitude/longitude pair, or a list of vectors for vectorised operations.
- **...**: further arguments to pass to httr's GET.

Value
A list containing the words, positions and language of those words.

See Also
from_position for the opposite operation.

Examples
```r
## Not run:
# Ask for a single set of words from the what3words API (note: this requires an API key.
# Don't actually use 'ANAPIKEY'.)
results <- from_position(key = "ANAPIKEY", positions = c(6.385336,-36.293769))

## End(Not run)
```

from_words  
Resolve Three Identifying Words to a Position

Description
from_words takes a word cluster used by what3words and converts them back into latitude/longitude pairs.

Usage
from_words(key, words, ...)

Examples
```r
## Not run:
# Ask for a single set of words from the what3words API (note: this requires an API key.
# Don't actually use 'ANAPIKEY'.)
results <- from_words(key = "ANAPIKEY", words = c("words1","words2","words3"))

## End(Not run)
```
Arguments

key an API key obtained from what3words.
words either a vector of words, for a single latitude/longitude pair, or a list of vectors for vectorised operations.
... further arguments to pass to httr's GET.

Value

A list containing the words, positions and language of those words.

See Also

from_position for the opposite operation.

Examples

## Not run:
# Ask for a single lat/long pair from the what3words API (note: this requires an API key.
# Don't actually use 'ANAPIKEY'.)
results <- from_words(key = "ANAPIKEY", words = c("turnip","basil","fruit"))

## End(Not run)

threewords

Represent Precise Coordinates as Three Words

Description

This package provides a connector to What3Words, a database that represents 3mx3m geographic areas as unique chains of 3 words
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