

Package ‘whatthreewords’

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Title Work with the 'what3words' API for Easy Location Referencing

Version 0.1.3

Description Use the 'what3words' API

<<https://developer.what3words.com/public-api>> to return three words which uniquely identify every 3m x 3m square on Earth. It is also possible to return coordinates from any valid three words location. Supports multiple languages.

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Encoding UTF-8

RoxygenNote 7.2.3

Imports htr2, dplyr

Suggests knitr, rmarkdown, testthat (>= 3.0.0)

VignetteBuilder knitr

Config/testthat/edition 3

URL <https://davidasmith.github.io/whatthreewords/>

NeedsCompilation no

Author David Smith [aut, cre, cph] (ORCID:

<<https://orcid.org/0009-0000-8482-3220>>)

Maintainer David Smith <david.alex.smith@gmail.com>

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`coords_from_words` *Returns the coordinates for a given what3words address*

Description

Returns the coordinates for a given what3words address

Usage

```
coords_from_words(words, full_details = FALSE)
```

Arguments

`words` A what3words location
`full_details` FALSE (default) to return only the coordinates. TRUE for full details.

Value

If `full_details == FALSE` (the default) a matrix of WGS84 coordinates. Otherwise a list of full details for each what3words location.

Examples

```
coords_from_words("hotdog.jumping.frog")
```

`get_api_key` *Gets the value of the WTW_API_KEY environment variable*

Description

Gets the value of the WTW_API_KEY environment variable

Usage

```
get_api_key()
```

Value

The value of the WTW_API_KEY environment variable.

Examples

```
## Not run: get_api_key()
```

get_available_languages

Gets available languages for use in the what3words API

Description

Gets available languages for use in the what3words API

Usage

```
get_available_languages()
```

Value

A dataframe of available languages.

Examples

```
get_available_languages()
```

words_from_coords

Get what3words address from coordinates

Description

Get what3words address from coordinates

Usage

```
words_from_coords(lat, lon, language = "en", full_details = FALSE)
```

Arguments

lat	Latitude
lon	Longitude
language	Code for the language of the returned words.
full_details	Whether to return the full details from the API, or only the what3words address for the coordinates.

Value

If `full_details` is `FALSE` (the default), returns a character vector of the what3words for the submitted coordinates. Otherwise returns a list of the full details returned by the API.

Examples

```
words_from_coords(lat = 51.5095, lon = -0.1266)
```

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