

Package ‘webddx’

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Type Package

Title Interact with Online Differential Diagnosis-Generating Tools

Version 0.1.0

Description Freely available online differential-diagnosis generating tools are changing clinical medicine and biomedical research. With webddx, useRs can generate differential diagnosis lists given a set of symptoms. The web tools would likely be directly used in clinical practice, but programmatic interaction and data manipulation can sharply increase efficiency and reproducibility of research in clinical informatics. Relevant visualizations can also be created with webddx.

License GPL-3

Encoding UTF-8

LazyData true

Imports jsonlite (>= 1.5)

Suggests covr, testthat

URL <https://github.com/rrrlw/webddx>

BugReports <https://github.com/rrrlw/webddx/issues>

RoxygenNote 6.1.0

NeedsCompilation no

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Repository CRAN

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R topics documented:

query_fz	2
Index	3

`query_fz`*Query FindZebra for differential diagnosis generation*

Description

Queries the FindZebra website and returns a data frame containing properly formatted results, including the relevant rare medical conditions and associated genes.

Usage

```
query_fz(query, num_rows = 20, fields = c("display_title", "symptom",
    "retrieved_date", "source", "score"))
```

Arguments

<code>query</code>	a character vector in which each symptom is an element and multiple words within a symptom are separated by spaces
<code>num_rows</code>	maximum number of desired rare conditions
<code>fields</code>	character vector containing a subset of the following: 'display_title', 'content', 'associated_gene', 'symptom', 'retrieved_date', 'source_url', 'source', 'cui', 'score'.

Details

See FindZebra API <<http://www.findzebra.com/about>> for more information.

Value

data frame with 1 row per rare condition and 1 column per field (see 'fields' parameter)

Examples

```
## Not run:
query_fz(query = c("muscle pain", "fatigue"))

## End(Not run)
```

Index

query_fz, [2](#)