

Package ‘GoogleKnowledgeGraphR’

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Type Package

Title Retrieve Information from 'Google Knowledge Graph' API

Version 0.1.0

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Description Allows you to retrieve information from the 'Google Knowledge Graph' API <<https://www.google.com/intl/bn/insidesearch/features/search/knowledge.html>> and process it in R in various forms. The 'Knowledge Graph Search' API lets you find entities in the 'Google Knowledge Graph'. The API uses standard 'schema.org' types and is compliant with the 'JSON-LD' specification.

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Encoding UTF-8

LazyData true

RoxygenNote 6.0.1.9000

Depends jsonlite, curl

NeedsCompilation no

Repository CRAN

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| | |
|-----|---|
| gkg | <i>Function to retrieve Data from Google Knowledge Graph API as a Data Frame output</i> |
|-----|---|

Description

This function allows you to get the Information for a specific Keyword you enter. The output is a Dataframe with the Data retrieved by the Google API.

Usage

```
gkg(query, token = "AIzaSyDsxs2vKm33doRABnW4JoieK8RrDQvJwds",
     language = "en", limit = 1, types = "", prefix = FALSE,
     type_output = TRUE)
```

Arguments

| | |
|-------------|---|
| query | The keyword you want to get the information for |
| token | The token for your Google API Project. Please use your own token if you have a lot of queries. You can find additional information about the token here: https://developers.google.com/knowledge-graph/prereqs |
| language | The list of language codes (defined in ISO 639) to run the query with. Default is "en" |
| limit | Limits the number of entities to be returned. The API-Limit is 20. |
| types | Restricts returned entities to those of the specified types. For example, you can specify Person (as defined in http://schema.org/Person) to restrict the results to entities representing people. If multiple types are specified, returned entities will contain one or more of these types. Default are all types. |
| prefix | Enables prefix (initial substring) match against names and aliases of entities. For example, a prefix Jung will match entities and aliases such as Jung, Jungle, and Jung-ho Kang. Default is FALSE. |
| type_output | In most cases, the API returns more than one type for a keyword. If type_output is set to TRUE, the types are placed in a cell. FALSE returns the list of types in a row. Default is TRUE. gkg() |

Examples

```
{
  gkg("beer")
}
```

`gkg_raw`*Function to retrieve Data from Google Knowledge Graph API*

Description

This function allows you to get the Information for a specific Keyword you enter.

Usage

```
gkg_raw(query, token = "AIzaSyDsxs2vKm33doRABnW4JoieK8RrDQvJwds",  
        language = "en", limit = 1, types = "", prefix = FALSE)
```

Arguments

| | |
|-----------------------|---|
| <code>query</code> | The keyword you want to get the information for |
| <code>token</code> | The token for your Google API Project. Please use your own token if you have a lot of queries. You can find additional information about the token here: https://developers.google.com/knowledge-graph/prereqs |
| <code>language</code> | The list of language codes (defined in ISO 639) to run the query with. Default is "en" |
| <code>limit</code> | Limits the number of entities to be returned. The API-Limit is 20. |
| <code>types</code> | Restricts returned entities to those of the specified types. For example, you can specify Person (as defined in http://schema.org/Person) to restrict the results to entities representing people. If multiple types are specified, returned entities will contain one or more of these types. Default are all types. |
| <code>prefix</code> | Enables prefix (initial substring) match against names and aliases of entities. For example, a prefix Jung will match entities and aliases such as Jung, Jungle, and Jung-ho Kang. Default is FALSE. <code>gkg_raw()</code> |

Examples

```
{  
  gkg_raw("beer")  
}
```

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