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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R topics documented:

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gkg   *Function to retrive Data from Google Knowledge Graph API as a Data*
                              Frame output

Description

This function allows you to get the Information for a specific Keyword you enter. The output is a
Dataframe with the Data retrived 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 yor Google API Project. Please use your own token if you have
                  a lot of querys. You can find additional informations 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 retrive 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

query	The keyword you want to get the information for
token	The token for yor Google API Project. Please use your own token if you have a lot of querys. You can find additional informations 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. gkg_raw()

Examples

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

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