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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Function to retrieve 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 your Google API Project. Please use your own token if you have a lot of queries. 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")
}
```
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

```r
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 your Google API Project. Please use your own token if you have a lot of queries. 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

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