Package ‘appler’
October 12, 2022

Type Package
Title 'Apple App Store' and 'iTunes' Data Extraction
Version 0.1.4
URL https://github.com/ashbaldry/appler,
BugReports https://github.com/ashbaldry/appler/issues
Imports httr, jsonlite, rvest, glue, xml2
Suggests testthat (>= 3.0.0), curl
License GPL-2
Encoding UTF-8
RoxygenNote 7.1.2
NeedsCompilation no
Author Ashley Baldry [aut, cre]
Maintainer Ashley Baldry <arbaldry91@gmail.com>
Repository CRAN
Date/Publication 2022-10-06 18:40:02 UTC

R topics documented:

get_apple_chart_position ................................................ 2
get_apple_rating_split .................................................... 2
get_apple_reviews .......................................................... 3
lookup_apple ............................................................... 4
search_apple ............................................................... 5

Index 7
get_apple_chart_position

**Check App Chart**

**Description**

get_apple_chart_position searches for whether an App is within the top 100 for any category (generally found on the App page).

**Usage**

get_apple_chart_position(id, country)

**Arguments**

<table>
<thead>
<tr>
<th>id</th>
<th>The ID of the App on the Apple App Store</th>
</tr>
</thead>
</table>

**Value**

A list of two, containing the position and the category of the App if available. Otherwise both will be NA

**Examples**

```r
# Look up ratings split for Apollo in the UK
get_apple_chart_position(979274575, "gb")
```

get_apple_rating_split

**Apple App Store Ratings**

**Description**

Scrapes the App store page and retrieves the split of the ratings between 1 and 5 stars

**Usage**

get_apple_rating_split(id, country = "us")
get_apple_reviews

Arguments

id
The ID of the App on the Apple App Store

country
The two-letter country code for the store you want to search. For a list of country

Details

For overall rating and count, use lookup_apple

Value

A 5 row data.frame with the split of 1-5 stars given rounded to the nearest percent

Examples

# Look up ratings split for Apollo in the UK
get_apple_rating_split(979274575, "gb")

get_apple_reviews
Apple App Store Reviews

Description

Using Apple’s RSS feed, will extract the reviews from a specific country for the desired application.

Usage

g get_apple_reviews(id, country = "us", all_results = FALSE, page_no = 1)

Arguments

id
The ID of the App on the Apple App Store

country
The two-letter country code for the store you want to search. For a list of country

all_results
Logical, would you like all possible reviews to be pulled?

page_no
If page_no = FALSE then the page of reviews to pull. Defaults to most recent.

Details

There is a maximum of 500 reviews that can be pulled.

Value

A data.frame of the extracted reviews.
If there were no reviews then it will return NULL.
lookup_apple

Examples

# Look up reviews for Apollo in the UK
get_apple_reviews(979274575, "gb")

lookup_apple  

Apple Store Lookup

Description

You can create a lookup request to search for content in the stores based on iTunes IDs, UPCs/EANs, and All Music Guide (AMG) IDs. ID-based lookups are faster and contain fewer false-positive results.

Usage

lookup_apple(
  id,
  country = NULL,
  entity = NULL,
  limit = NULL,
  sort = NULL,
  id_type = "id"
)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>The ID of the iTunes entity</td>
</tr>
<tr>
<td>entity</td>
<td>Optional The type of results you want returned, relative to the specified media type.</td>
</tr>
<tr>
<td>limit</td>
<td>Optional The number of search results you want the iTunes Store to return between 1 and 200. The default is 50.</td>
</tr>
<tr>
<td>sort</td>
<td>Optional The order the results are returned, for most recent first select recent.</td>
</tr>
<tr>
<td>id_type</td>
<td>The ID type to lookup, options are: id The default iTunes ID amgArtistId AMG Artist ID amgAlbumId AMG Album ID upc UPC Album or Video ID isbn ISB Book ID</td>
</tr>
</tbody>
</table>
search_apple

Value

A data.frame of any results that match the iTunes database. If there were no successful results then it will return NULL.

See Also


Examples

# Look up Jack Johnson by iTunes artist ID
lookup_apple(909253)

# Look up Jack Johnson by AMG artist ID
lookup_apple(468749, id_type = "amgArtistId")

Description

Using Apple’s iTunes API, will find any content available from Apple based on a given search term.

Usage

search_apple(
  term, 
  country = NULL, 
  media = NULL, 
  entity = NULL, 
  attribute = NULL, 
  limit = NULL, 
  lang = c("en_us", "ja_jp"), 
  explicit = c("Yes", "No")
)

Arguments

term The URL-encoded text string you want to search for. For example: jack+johnson. If using a vector it will search for all terms in one search.

country The two-letter country code for the store you want to search. For a list of country codes see https://en.wikipedia.org/wiki/ISO_3166-1_alpha-2

media Optional The media type you want to search for. For example: movie. The default is all.
entity Optional The type of results you want returned, relative to the specified media type.

attribute Optional The attribute you want to search for in the stores, relative to the specified media type. For example, if you want to search for an artist by name specify entity=allArtist&attribute=allArtistTerm. In this example, if you search for term=maroon, iTunes returns "Maroon 5" in the search results, instead of all artists who have ever recorded a song with the word "maroon" in the title.

limit Optional The number of search results you want the iTunes Store to return between 1 and 200. The default is 50.

lang Optional The language, English or Japanese, you want to use when returning search results.

explicit Optional A flag indicating whether or not you want to include explicit content in your search results.

Value

A data.frame of any results that match the iTunes database.
If there were no successful results then it will return NULL.

See Also


Examples

# Search for all Jack Johnson audio and video content
search_apple(term = "jack johnson")

# To search for all Jack Johnson audio and video content and return only the first 25 items
search_apple(term = "jack johnson", limit = 25)
Index

get_apple_chart_postion, 2
get_apple_rating_split, 2
get_apple_reviews, 3
lookup_apple, 3, 4
search_apple, 5