Package 'viafr'

August 28, 2024

Title Interface to the 'VIAF' ('Virtual International Authority File')
API

Version 0.3.1

Maintainer Stefanie Schneider <stefanie.schneider@itg.uni-muenchen.de>

Description Provides direct access to linked names for the same entity across the world's major name authority files, including national and regional variations in language, character set, and spelling. For more information go to <https://viaf.org/>.

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 7.3.2

URL https://github.com/stefanieschneider/viafr

BugReports https://github.com/stefanieschneider/viafr/issues

Suggests testthat (>= 2.1.0), roxygen2

Imports utf8, crul, jsonlite, assertthat, magrittr, stringr, tibble, tidyr, purrr, dplyr, rlang

Depends R (>= 2.10)

NeedsCompilation no

Author Stefanie Schneider [cre, aut] (<https://orcid.org/0000-0003-4915-6949>)

Repository CRAN

Date/Publication 2024-08-28 17:30:02 UTC

Contents

---

authorities	*VIAF Authorities*

Description

A dataset containing the names and schemes of 55 organizations and libraries that participate in the VIAF.

Usage

```
data(authorities)
```

Format

A tibble with 55 rows and 2 variables.

---

name_types	*VIAF Name Types*

Description

A dataset containing the 5 possible name types in the VIAF.

Usage

```
data(name_types)
```

Format

A tibble with 5 rows and 2 variables.

---

viaf_get	*Get Data for VIAF Identifier(s)*

Description

Get authority cluster data based on supplied VIAF identifier(s).

Usage

```
viaf_get(query = NULL, ...)
```

Arguments

query	The VIAF identifier(s) to get data for.
...	Optional VIAF API query parameters.

Value

A tibble with data items.

Note

An internet connection is required. The MARC 21 field definitions are used. This function does not currently work due to changes to the VIAF.

Examples

```
## Not run: viaf_get(c("64013650", "102333412"))
```

---

viaf_search   *Search VIAF records*

Description

Search VIAF records where the authority includes the given terms.

Usage

```
viaf_search(query = NULL, ...)
```

Arguments

query	The search query (or queries) to get data for.
...	Optional VIAF API query parameters.

Value

A named list of tibbles with data items.

Note

An internet connection is required. The MARC 21 field definitions are used.

Examples

```
viaf_search(c("Rembrandt", "Jane Austen"))
```

---

viaf_suggest   *Suggest VIAF records*

Description

Suggest VIAF records based on given terms passed in a query.

Usage

```
viaf_suggest(query = NULL, ...)
```

Arguments

query	The search query (or queries) to get data for.
...	Optional VIAF API query parameters.

Value

A named list of tibbles with data items.

Note

An internet connection is required.

Examples

```
viaf_suggest(c("rembrandt", "austen"))
```

Index