

Package ‘educationdata’

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Type Package

Title Retrieve Records from the Urban Institute's Education Data Portal API

Version 0.1.3

Date 2022-09-29

URL <https://urbaninstitute.github.io/education-data-package-r/>

BugReports <https://github.com/UrbanInstitute/education-data-package-r/issues>

Description Allows R users to retrieve and parse data from the Urban Institute's Education Data API <<https://educationdata.urban.org/>> into a 'data.frame' for analysis.

Depends R (>= 3.4.0)

Imports glue, httr, jsonlite, readr

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Encoding UTF-8

RoxygenNote 7.1.2

Suggests knitr, rmarkdown, testthat

VignetteBuilder knitr

NeedsCompilation no

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get_education_data *Obtain data from the Urban Institute Education Data Portal API*

Description

Obtain data from the Urban Institute Education Data Portal API

Usage

```
get_education_data(  
  level = NULL,  
  source = NULL,  
  topic = NULL,  
  subtopic = NULL,  
  by = NULL,  
  filters = NULL,  
  add_labels = FALSE,  
  csv = FALSE  
)
```

Arguments

level	API data level to query
source	API data source to query
topic	API data topic to query
subtopic	Optional 'list' of grouping parameters to pass to an API call
by	DEPRECATED in favor of 'subtopic'
filters	Optional 'list' of query values to filter an API call
add_labels	Add variable labels (when applicable)? Defaults to FALSE.
csv	Download the full csv file? Defaults to FALSE.

Value

A 'data.frame' of education data

`get_education_data_summary`

Obtain data from the Urban Institute Education Data Portal API summary endpoint functionality.

Description

Obtain data from the Urban Institute Education Data Portal API summary endpoint functionality.

Usage

```
get_education_data_summary(  
    level,  
    source,  
    topic = NULL,  
    subtopic = NULL,  
    stat = NULL,  
    var = NULL,  
    by = NULL,  
    filters = NULL  
)
```

Arguments

<code>level</code>	API data level to query
<code>source</code>	API data source to query
<code>topic</code>	API data topic to query
<code>subtopic</code>	Optional additional parameters to pass to an API call. Only applicable to certain endpoints.
<code>stat</code>	Summary statistic to be calculated. Valid options
<code>var</code>	Variable to be summarized.
<code>by</code>	Variable(s) to group results by.
<code>filters</code>	Optional 'list' of query values to filter an API call

Value

A 'data.frame' of aggregated education data

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