

Package ‘altadata’

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Type Package

Title API Wrapper for Altadata.io

Version 0.1.1

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Description Functions for interacting directly with the 'ALTADATA' API. With this R package, developers can build applications around the 'ALTADATA' API without having to deal with accessing and managing requests and responses. 'ALTADATA' is a curated data marketplace for more information go to <<https://www.altadata.io>>.

Imports http (>= 0.6.1), jsonlite (>= 0.9.14)

Suggests testthat (>= 0.10.0), roxygen2

Depends R (>= 2.15.0)

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URL <https://github.com/altabering/altadata-r>

Encoding UTF-8

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aldata.api_key	<i>Set ALTADATA API key</i>
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Description

Set ALTADATA API key

Usage

aldata.api_key(api_key)

Arguments

api_key Optionally passed parameter to set Altadata api_key.

Value

Returns invisibly the currently set api_key.

Examples

```
## Not run:  
  aldata.api_key('foobar')  
  
## End(Not run)
```

altadata.condition_in *In condition by given column and value list*

Description

In condition by given column and value list

Usage

```
altadata.condition_in(condition_column, condition_value)
```

Arguments

condition_column
column to which the condition will be applied

condition_value
value to use with condition

Value

Nothing just set the in condition parameters

Examples

```
## Not run:  
altadata.condition_in("province_state", c("Utah", "Alabama"))  
  
## End(Not run)
```

altadata.condition_not_in
Not in condition by given column and value list

Description

Not in condition by given column and value list

Usage

```
altadata.condition_not_in(condition_column, condition_value)
```

Arguments

condition_column
column to which the condition will be applied

condition_value
value to use with condition

Value

Nothing just set the not in condition parameters

Examples

```
## Not run:
  altadata.condition_not_in("province_state", c("Utah", "Alabama"))

## End(Not run)
```

altadata.equal	<i>Equal condition by given column and value in the retrieve data process</i>
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Description

Equal condition by given column and value in the retrieve data process

Usage

```
altadata.equal(condition_column, condition_value)
```

Arguments

condition_column	column to which the condition will be applied
condition_value	value to use with condition

Value

Nothing just set the equal condition parameters

Examples

```
## Not run:
  altadata.equal("province_state", "Alabama")

## End(Not run)
```

altadata.get_data	<i>Initialize retrieve data process</i>
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Description

Initialize retrieve data process

Usage

```
altadata.get_data(product_code, limit)
```

Arguments

product_code	data product code
limit	number of rows you want to retrieve

Value

Nothing just set the initial parameters

Examples

```
## Not run:  
altadata.get_data("co_10_jhucs_03", limit = 50)  
  
## End(Not run)
```

altadata.get_header	<i>Get data header as a vector</i>
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Description

Get data header as a vector

Usage

```
altadata.get_header(product_code)
```

Arguments

product_code	data product code
--------------	-------------------

Value

vector object

Examples

```
## Not run:
  aldatata.api_key('YOUR_API_KEY')
  altadata.get_header("co_10_jhucs_03")

## End(Not run)
```

altadata.greater_than *Greater than condition by given column and value*

Description

Greater than condition by given column and value

Usage

```
altadata.greater_than(condition_column, condition_value)
```

Arguments

condition_column
column to which the condition will be applied

condition_value
value to use with condition

Value

Nothing just set the greater than condition parameters

Examples

```
## Not run:
  altadata.greater_than("mortality_rate", 2)

## End(Not run)
```

`altadata.greater_than_equal`*Greater than equal condition by given column and value*

Description

Greater than equal condition by given column and value

Usage

```
altadata.greater_than_equal(condition_column, condition_value)
```

Arguments

`condition_column`

column to which the condition will be applied

`condition_value`

value to use with condition

Value

Nothing just set the greater than equal condition parameters

Examples

```
## Not run:  
altadata.greater_than_equal("mortality_rate", 3)  
  
## End(Not run)
```

`altadata.less_than`*Less than condition by given column and value*

Description

Less than condition by given column and value

Usage

```
altadata.less_than(condition_column, condition_value)
```

Arguments

`condition_column`

column to which the condition will be applied

`condition_value`

value to use with condition

Value

Nothing just set the less than condition parameters

Examples

```
## Not run:  
  altadata.less_than("mortality_rate", 2)  
  
## End(Not run)
```

```
altadata.less_than_equal
```

Less than equal condition by given column and value

Description

Less than equal condition by given column and value

Usage

```
altadata.less_than_equal(condition_column, condition_value)
```

Arguments

```
condition_column  
                column to which the condition will be applied  
  
condition_value  
                value to use with condition
```

Value

Nothing just set the less than equal condition parameters

Examples

```
## Not run:  
  altadata.less_than_equal("mortality_rate", 3)  
  
## End(Not run)
```

altadata.list_subscription	<i>Get customer subscription info</i>
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Description

Get customer subscription info

Usage

```
altadata.list_subscription()
```

Value

dataframe object

Examples

```
## Not run:  
altadata.list_subscription()  
  
## End(Not run)
```

altadata.load	<i>Fetch data with configurations given before</i>
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Description

Fetch data with configurations given before

Usage

```
altadata.load()
```

Value

dataframe object

Examples

```
## Not run:  
aldata.api_key('YOUR_API_KEY')  
altadata.get_data("co_10_jhuucs_03", limit = 50)  
altadata.load()  
  
## End(Not run)
```

altadata.not_equal	<i>Not equal condition by given column and value</i>
--------------------	--

Description

Not equal condition by given column and value

Usage

```
altadata.not_equal(condition_column, condition_value)
```

Arguments

condition_column	
	column to which the condition will be applied
condition_value	
	value to use with condition

Value

Nothing just set the not equal condition parameters

Examples

```
## Not run:  
altadata.not_equal("province_state", "Utah")  
  
## End(Not run)
```

altadata.select	<i>Select specific columns in the retrieve data process</i>
-----------------	---

Description

Select specific columns in the retrieve data process

Usage

```
altadata.select(selected_columns)
```

Arguments

selected_columns	
	list of columns to select

Value

Nothing just set the select parameters

Examples

```
## Not run:  
altadata.select(c("reported_date", "province_state", "mortality_rate"))  
  
## End(Not run)
```

altadata.sort	<i>Sort data by given column and method in the retrieve data process</i>
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Description

Sort data by given column and method in the retrieve data process

Usage

```
altadata.sort(order_column, order_method = "asc")
```

Arguments

order_column	column to which the order is applied
order_method	sorting method. Possible values: asc or desc

Value

Nothing just set the sort parameters

Examples

```
## Not run:  
altadata.sort("province_state", order_method = "desc")  
  
## End(Not run)
```

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