Package 'altadata'

October 12, 2022

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 httr (>= 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

LazyData true

RoxygenNote 7.1.1

NeedsCompilation no

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Repository CRAN

Date/Publication 2020-12-07 08:50:02 UTC

R topics documented:

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aldatata.api_key   *Set ALTADATA API key*

Description

Set ALTADATA API key

Usage

```
aldatata.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:
  aldatata.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   *Equal condition by given column and value in the retrieve data process*

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` | *Initialize retrieve data process* |

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` | *Get data header as a vector* |

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

Get customer subscription info

Description

Get customer subscription info

Usage

```
altadata.list_subscription()
```

Value

dataframe object

Examples

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

## End(Not run)
```

---

altadata.load   *Fetch data with configurations given before*

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_jhucs_03", limit = 50)
  altadata.load()

## End(Not run)
```

---

altadata.not_equal   *Not equal condition by given column and value*

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   *Select specific columns in the retrieve data process*

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

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. Posibble 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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