

Package ‘hudr’

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Language en-US

Type Package

Title Providing Data from the US Department of Housing and Urban Development

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Description Provides functions to access data from the US Department of Housing and Urban Development <<https://www.huduser.gov/portal/dataset/fmr-api.html>>.

License GPL (>= 3)

Depends R (>= 3.5.0)

Imports magrittr, data.table, janitor, http

RoxygenNote 7.1.2

NeedsCompilation no

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hudr-package	<i>Package that provides data from HUD.</i>
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Description

Provides functions to access data from the US Department of Housing and Urban Development <<https://www.huduser.gov/portal/dataset/fmr-api.html>>.

Details

Provides data from the US Department of Housing and Urban Development (HUD).

References

<<https://www.huduser.gov/portal/dataset/fmr-api.html>>

get_hud_fmr_data	<i>Get HUD Fair Market Rent data at the County or MSA Level from HUD.</i>
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Description

Provides fair market rent data at the County and MSA level from HUD.

Usage

```
get_hud_fmr_data(entityid = "METR010180M10180", yr, hud_key)
```

Arguments

entityid	Character string containing the 'fips_code' from get_hud_fmr_listcounties(...) or 'cbsa_code' from get_hud_fmr_listmetros(...).
yr	Character string indicating the year.
hud_key	Character string indicating your API key from HUD.

Details

Provides fair market rent data at the County and MSA level from HUD.

Value

A list of data tables containing fair market rent data from HUD.

Author(s)

Paul Richardson

Examples

```
## Not run:
library(hudr)

hud_key <- Sys.getenv("HUD_API_KEY")

cbsa_codes <- get_hud_fmr_listmetros(hud_key = hud_key)
cnty_codes <- get_hud_fmr_listcounties(hud_key = hud_key)

fmr_msa_dt <- get_hud_fmr_data(entityid = cbsa_codes$cbsa_code[1],
                             yr = "2020",
                             hud_key = hud_key)
fmr_cnty_dt <- get_hud_fmr_data(entityid = cnty_codes$fips_code[1],
                                yr = "2020",
                                hud_key = hud_key)

## End(Not run)
```

`get_hud_fmr_listcounties`

Get HUD List of County Codes data.

Description

Provides list of county codes data from HUD.

Usage

```
get_hud_fmr_listcounties(stateid = "AL", hud_key)
```

Arguments

<code>stateid</code>	Character string indicating the state.
<code>hud_key</code>	Character string indicating your API key from HUD.

Details

Provides list of county codes data from HUD.

Value

A data table containing a list of county codes from HUD.

Author(s)

Paul Richardson

Examples

```
## Not run:
library(hudr)

hud_key <- Sys.getenv("HUD_API_KEY")

state_codes <- get_hud_fmr_listcounties(hud_key = hud_key)

## End(Not run)
```

get_hud_fmr_listmetros

Get HUD List of MSA Codes data.

Description

Provides list of MSA codes data from HUD.

Usage

```
get_hud_fmr_listmetros(hud_key)
```

Arguments

hud_key Character string indicating your API key from HUD.

Details

Provides list of MSA codes from HUD.

Value

A data table containing a list of MSA codes from HUD.

Author(s)

Paul Richardson

Examples

```
## Not run:
library(hudr)

hud_key <- Sys.getenv("HUD_API_KEY")

cbsa_codes <- get_hud_fmr_listmetros(hud_key = hud_key)

## End(Not run)
```

get_hud_fmr_liststates

Get HUD List of State Codes data.

Description

Provides list of state codes data from HUD.

Usage

```
get_hud_fmr_liststates(hud_key)
```

Arguments

hud_key Character string indicating your API key from HUD.

Details

Provides list of state codes data from HUD.

Value

A data table containing a list of state codes from HUD.

Author(s)

Paul Richardson

Examples

```
## Not run:  
library(hudr)  
  
hud_key <- Sys.getenv("HUD_API_KEY")  
  
state_codes <- get_hud_fmr_liststates(hud_key = hud_key)  
  
## End(Not run)
```


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