Package ‘ROpenDota’

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Type Package
Title Access OpenDota Services in R
Version 0.1.2
URL https://github.com/rosdyana/ROpenDota
Depends R (>= 3.2.0)
Imports RCurl, jsonlite
Maintainer Rosdyana Kusuma <rosdyana.kusuma@gmail.com>
Description Provides a client for the API of OpenDota. OpenDota is a web service which is pro-
vide DOTA2 real time data. Data is collected through the Steam WebAPI. With ROpen-
Dota you can easily grab the latest DOTA2 statistics in R programming such as latest match on of-
ficial international competition, analyzing your or enemy performance to learn their strate-
gies, etc. Please see <https://github.com/rosdyana/ROpenDota> for more information.
License MIT + file LICENSE
Encoding UTF-8
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### count_in_categories

**Count in categories for specific player id**

**Description**

Count in categories for specific player id

**Usage**

```r
count_in_categories(account_id)
```

**Arguments**

- `account_id` Steam ID

**Examples**

```r
## Not run:
id_r3m1ck = "135474549"
countMe <- count_in_categories(account_id = id_r3m1ck)

## End(Not run)
```
count_player_win_lose  

**Description**

Counting win or lose for specific player id

**Usage**

```r
count_player_win_lose(account_id)
```

**Arguments**

- **account_id**  
  Steam ID

**Examples**

```r
## Not run:
#Count r3m1ck's win and lose summaries
id_r3m1ck = "135474549"
count_win_lose <- count_player_win_lose(account_id = id_r3m1ck)

## End(Not run)
```

get_heroes  

**Description**

Get total status for specific player id

**Usage**

```r
get_heroes()
```

**Examples**

```r
## Not run:
heroes <- get_heroes()

## End(Not run)
```
get_hero_rankings

get_hero_benchmarks  Get Hero Benchmarks

Description

Get benchmark of single hero

Usage

get_hero_benchmarks(hero_id)

Arguments

- hero_id: Dota2 hero id. You can get the hero id using get_heroes.

Value

GetHeroBenchmark returns a list, which includes the details like gold per minutes, xp per minutes, kills per minutes etc.

Examples

```r
## Not run:
hero_id = "47"
viperBenchmarks <- get_hero_benchmarks(hero_id)
## End(Not run)
```

get_hero_rankings  Get heroes rankings for specific player id

Description

Get heroes rankings for specific player id

Usage

get_hero_rankings(account_id)

Arguments

- account_id: Steam ID
get_hero_stats

Examples

## Not run:
`id_r3m1ck = "135474549"
rankings <- get_hero_rankings(account_id = id_r3m1ck)`

## End(Not run)

Description
Get hero stats

Usage
get_hero_stats()

Examples

## Not run:
`heroStats <- get_hero_stats()`

## End(Not run)

get_items

Get Dota2 Item List

Description
Get a list of in-game items

Usage
get_items()

Value
get_items returns a list of in-game items, which include the columns of name, cost, secret_shop, side_shop, recipe and localized name.

Examples

## Not run:
`itemList <- get_items()
head(itemList)`

## End(Not run)
get_matches  
*Get Matches for specific player id*

**Description**
Get Matches for specific player id

**Usage**

```r
get_matches(account_id, limit)
```

**Arguments**
- `account_id`  
  Steam ID
- `limit`  
  matches limit

**Examples**

```r
## Not run:
id_r3m1ck = "135474549"
limit = 5
matches <- get_matches(account_id = id_r3m1ck, limit = limit)
## End(Not run)
```

get_match_details  
*Get Match Details*

**Description**
Get details of a single match

**Usage**

```r
get_match_details(match_id)
```

**Arguments**
- `match_id`  
  Dota2 match id. You can get them of a specific player using `get_matches`.

**Value**
GetMatchDetails returns a list, which includes the details like result, duration and etc.
get_played_heroes

Examples

## Not run:
match_id = "3114150257"
matchDetails <- get_match_details(match_id)

## End(Not run)

get_played_heroes

Get played heroes for specific player id

Description

Get played heroes for specific player id

Usage

get_played_heroes(account_id)

Arguments

account_id Steam ID

Examples

## Not run:
id_r3m1ck = "135474549"
playedHeroes <- get_played_heroes(account_id = id_r3m1ck)

## End(Not run)

get_played_with

Get played with for specific player id

Description

Get played with for specific player id

Usage

get_played_with(account_id)

Arguments

account_id Steam ID
Examples

```r
## Not run:
id_r3m1ck = "135474549"
playedWith <- get_played_with(account_id = id_r3m1ck)

## End(Not run)
```

---

**get_player_ratings**  
*Get ratings for specific player id*

**Description**

Get ratings for specific player id

**Usage**

```r
get_player_ratings(account_id)
```

**Arguments**

- `account_id`  
  Steam ID

**Examples**

```r
## Not run:
id_r3m1ck = "135474549"
ratings <- get_player_ratings(account_id = id_r3m1ck)

## End(Not run)
```

---

**get_player_summaries**  
*Get Summaries a Specific Player*

**Description**

Get Summaries a Specific Player

**Usage**

```r
get_player_summaries(account_id)
```

**Arguments**

- `account_id`  
  Steam ID
get_recent_matches

Examples

## Not run:
#Get r3m1ck's profile summaries
id_r3m1ck = "135474549"
playerSummaries <- get_player_summaries(account_id = id_r3m1ck)
#Print the in-game name of r3m1ck
playerSummaries$profile$personaname

## End(Not run)

get_recent_matches  Get recent matches for specific player id

Description

Get recent matches for specific player id

Usage

get_recent_matches(account_id)

Arguments

account_id  Steam ID

Examples

## Not run:
id_r3m1ck = "135474549"
recentMatches <- get_recent_matches(account_id = id_r3m1ck)

## End(Not run)

get_wardmap  Get ward map for specific player id

Description

Get ward map for specific player id

Usage

get_wardmap(account_id)

Arguments

account_id  Steam ID
top_player_by_hero  Get heroes rankings for specific player id

Description
Get heroes rankings for specific player id

Usage
top_player_by_hero(hero_id)

Arguments
hero_id  Hero Id

Examples
## Not run:
viperId = "47"
topPlayer <- top_player_by_hero(hero = viperId)
## End(Not run)

total_stats  Get total status for specific player id

Description
Get total status for specific player id

Usage
total_stats(account_id)

Arguments
account_id  Steam ID
Examples

## Not run:
```r
id_r3m1ck = "135474549"
totalStats <- total_stats(account_id = id_r3m1ck)
```

## End(Not run)
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