Package: royale (via r-universe)

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Title Clash Royale API

Description R interface to the official API for Clash Royale
<https://developer.clashroyale.com/#/>.

Imports cli (>= 3.3.0), dplyr (>= 1.0.10), httr2 (>= 0.2.1), purrr (>=
0.3.4), rlang (>= 1.0.5), stringr (>= 1.4.1), tibble (>=
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Suggests httptest2 (>= 0.1.0), testthat (>= 3.0.0)

Config/testthat/edition 3

URL <http://christophertkenny.com/royale/>,
<https://github.com/christopherkenny/royale>

BugReports <https://github.com/christopherkenny/royale/issues>

Repository https://christopherkenny.r-universe.dev

RemoteUrl https://github.com/christopherkenny/royale

RemoteRef HEAD

RemoteSha 0fbecdfa5f6b1591741164b834fcd9136ab2bf68

Contents

---

cr_get_battle_log   *Get Battle Log*

Description

Get Battle Log

Usage

```
cr_get_battle_log(tag = "JYJQC88", key = cr_get_key())
```

Arguments

tag	Required. The player to return. Default: JYJQC88
key	Required. API key. See https://developer.clashroyale.com/#/documentation Default: cr_get_key()

Value

tibble of player info

Examples

```
cr_get_battle_log('JYJQC88')
```

---

cr_get_cards   *Get card details*

Description

Get card details

Usage

```
cr_get_cards(limit = NULL, after = NULL, before = NULL, key = cr_get_key())
```

Arguments

limit	number of items returned in the response.
after	return only items that occur after this marker.
before	return only items that occur before this marker.
key	Required. API key. See https://developer.clashroyale.com/#/documentation Default: cr_get_key()

Value

tibble of card info

Examples

```
cr_get_cards()
```

---

cr_get_challenges   *Get Challenges*

Description

Get Challenges

Usage

```
cr_get_challenges(
  limit = NULL,
  after = NULL,
  before = NULL,
  key = cr_get_key()
)
```

Arguments

`limit`	number of items returned in the response.
`after`	return only items that occur after this marker.
`before`	return only items that occur before this marker.
`key`	Required. API key. See <https://developer.clashroyale.com/#/documentation> Default: `cr_get_key()`

Value

tibble of card info

Examples

```
cr_get_challenges()
```

`cr_get_clan`   *Get a clan*

Description

Gets full clan details

Usage

```
cr_get_clan(clan = "99R2PQVR", key = cr_get_key())
```

Arguments

`clan`	Required. Clan tag. Default: 99R2PQVR
`key`	Required. API key. See <https://developer.clashroyale.com/#/documentation> Default: cr_get_key

Value

a `tibble` with each row as a player

Examples

```
cr_get_clan('99R2PQVR')
```

---

cr_get_clan_members   *Get current clan members*

Description

Get current clan members

Usage

```
cr_get_clan_members(
  clan = "99R2PQVR",
  limit = NULL,
  after = NULL,
  before = NULL,
  key = cr_get_key()
)
```

Arguments

clan	Required. Clan tag. Default: 99R2PQVR
limit	number of items returned in the response.
after	return only items that occur after this marker.
before	return only items that occur before this marker.
key	Required. Clash Royale API key. See https://developer.clashroyale.com/#/documentation Default: cr_get_key

Value

`tibble` with list columns for clan, clans, and history.

Examples

```
cr_get_clan_members('99R2PQVR')
```

---

cr_get_clan_search   *Search Clans*

Description

Search Clans

Usage

```
cr_get_clan_search(
  name = NULL,
  location_id = NULL,
  min_members = NULL,
  max_members = NULL,
  min_score = NULL,
  limit = NULL,
  after = NULL,
  before = NULL,
  key = cr_get_key()
)
```

Arguments

`name`	Search clans by name
`location_id`	Filter by clan location identifier
`min_members`	Filter by minimum number of clan members
`max_members`	Filter by maximum number of clan members
`min_score`	Filter by minimum amount of clan score
`limit`	number of items returned in the response.
`after`	return only items that occur after this marker.
`before`	return only items that occur before this marker.
`key`	Required. API key. See https://developer.clashroyale.com/#/documentation Default: cr_get_key

Value

a `tibble` with each row as a player

Examples

```
cr_get_clan_search('Legend Dynasty!')
```

`cr_get_global_path_of_legend_players`
Get Global Player Path of Legend Rankings

Description

Get Global Player Path of Legend Rankings

Usage

```
cr_get_global_path_of_legend_players(
  season,
  limit = NULL,
  after = NULL,
  before = NULL,
  key = cr_get_key()
)
```

Arguments

season	Required. Season ID, such as '2022-09'
limit	number of items returned in the response.
after	return only items that occur after this marker.
before	return only items that occur before this marker.
key	Required. API key. See https://developer.clashroyale.com/#/documentation Default: `cr_get_key()`

Value

tibble of card info

Examples

```
cr_get_global_path_of_legend_players('2023-02', limit = 10)
```

---

cr_get_global_ranking_players

Get Global Player Rankings for a Season

Description

Get Global Player Rankings for a Season

Usage

```
cr_get_global_ranking_players(
  season,
  limit = NULL,
  after = NULL,
  before = NULL,
  key = cr_get_key()
)
```

Arguments

season	Required. Season ID, such as '2022-09'
limit	number of items returned in the response.
after	return only items that occur after this marker.
before	return only items that occur before this marker.
key	Required. API key. See https://developer.clashroyale.com/#/documentation Default: cr_get_key()

Value

tibble of card info

Examples

```
cr_get_global_ranking_players('2022-09', limit = 10)
```

---

cr_get_global_ranking_tournament

Get Global Tournament Rankings

Description

Get Global Tournament Rankings

Usage

```
cr_get_global_ranking_tournament(
  tournament,
  limit = NULL,
  after = NULL,
  before = NULL,
  key = cr_get_key()
)
```

Arguments

tournament	Tournament tag. Required.
limit	number of items returned in the response.
after	return only items that occur after this marker.
before	return only items that occur before this marker.
key	Required. API key. See https://developer.clashroyale.com/#/documentation Default: cr_get_key()

Value

tibble of card info

Examples

```
# needs an ongoing tournament at time of request
try({cr_get_global_ranking_tournament('URP8YYUU0')})
```

---

cr_get_global_season   *Get Global Season*

Description

This returns the current season if it's a valid season.

Usage

```
cr_get_global_season(
  season,
  limit = NULL,
  after = NULL,
  before = NULL,
  key = cr_get_key()
)
```

Arguments

season	Required. Season ID, such as '2022-09'
limit	number of items returned in the response.
after	return only items that occur after this marker.
before	return only items that occur before this marker.
key	Required. API key. See https://developer.clashroyale.com/#/documentation Default: cr_get_key()

Value

tibble of global seasons

Examples

```
cr_get_global_season('2022-09')
```

---

cr_get_global_seasons   *Get Global Seasons*

Description

Get Global Seasons

Usage

```
cr_get_global_seasons(
  season,
  limit = NULL,
  after = NULL,
  before = NULL,
  key = cr_get_key()
)
```

Arguments

season	Required. Season ID, such as '2022-09'
limit	number of items returned in the response.
after	return only items that occur after this marker.
before	return only items that occur before this marker.
key	Required. API key. See https://developer.clashroyale.com/#/documentation Default: cr_get_key()

Value

tibble of card info

Examples

```
cr_get_global_seasons()
```

---

cr_get_global_tournaments

Get Global Tournament details

Description

Get Global Tournament details

Usage

```
cr_get_global_tournaments(
  limit = NULL,
  after = NULL,
  before = NULL,
  key = cr_get_key()
)
```

Arguments

limit	number of items returned in the response.
after	return only items that occur after this marker.
before	return only items that occur before this marker.
key	Required. API key. See https://developer.clashroyale.com/#/documentation Default: `cr_get_key()`

Value

tibble of card info

Examples

```
cr_get_global_tournaments()
```

---

cr_get_local_path_of_legend_players

Get Player Path of Legend Rankings for a Location

Description

Get Player Path of Legend Rankings for a Location

Usage

```
cr_get_local_path_of_legend_players(
  location,
  limit = NULL,
  after = NULL,
  before = NULL,
  key = cr_get_key()
)
```

Arguments

location	Required. Location ID from cr_get_locations(). Must be a country.
limit	number of items returned in the response.
after	return only items that occur after this marker.
before	return only items that occur before this marker.
key	Required. API key. See https://developer.clashroyale.com/#/documentation Default: cr_get_key()

Value

tibble of card info

Examples

```
cr_get_local_path_of_legend_players(location = 57000249, limit = 10)
```

---

cr_get_local_ranking_clans

Get Clan Rankings for a Location

Description

Get Clan Rankings for a Location

Usage

```
cr_get_local_ranking_clans(
  location,
  limit = NULL,
  after = NULL,
  before = NULL,
  key = cr_get_key()
)
```

Arguments

location	Required. Location ID from cr_get_locations().
limit	number of items returned in the response.
after	return only items that occur after this marker.
before	return only items that occur before this marker.
key	Required. API key. See https://developer.clashroyale.com/#/documentation Default: cr_get_key()

Value

tibble of card info

Examples

```
cr_get_local_ranking_clans(57000001, limit = 10)
```

---

cr_get_local_ranking_players

Get Player Rankings for a Location

Description

Get Player Rankings for a Location

Usage

```
cr_get_local_ranking_players(
  location,
  limit = NULL,
  after = NULL,
  before = NULL,
  key = cr_get_key()
)
```

Arguments

location	Required. Location ID from `cr_get_locations()`. Must be a country.
limit	number of items returned in the response.
after	return only items that occur after this marker.
before	return only items that occur before this marker.
key	Required. API key. See https://developer.clashroyale.com/#/documentation Default: `cr_get_key()`

Value

tibble of card info

Examples

```
cr_get_local_ranking_players(57000249, limit = 10)
```

---

cr_get_location   *Get One Location*

Description

Get One Location

Usage

```
cr_get_location(location, key = cr_get_key())
```

Arguments

location	Required. Location ID from `cr_get_locations()`.
key	Required. API key. See <https://developer.clashroyale.com/#/documentation> Default: `cr_get_key()`

Value

tibble of card info

Examples

```
cr_get_location(57000001)
```

---

cr_get_locations   *Get Locations*

Description

Get Locations

Usage

```
cr_get_locations(limit = NULL, after = NULL, before = NULL, key = cr_get_key())
```

Arguments

limit	number of items returned in the response.
after	return only items that occur after this marker.
before	return only items that occur before this marker.
key	Required. API key. See <https://developer.clashroyale.com/#/documentation> Default: `cr_get_key()`

Value

tibble of locations

Examples

```
cr_get_locations()
```

---

cr_get_player   *Get a single player*

Description

Gets the player details for one player.

Usage

```
cr_get_player(tag = "JYJQC88", key = cr_get_key())
```

Arguments

tag	Required. The player to return. Default: JYJQC88
key	Required. API key. See <https://developer.clashroyale.com/#/documentation> Default: `cr_get_key()`

Value

tibble of player info

Examples

```
cr_get_player('JYJQC88')
```

---

cr_get_riverrace_current
                              Get current River Race

Description

Get current River Race

Usage

```
cr_get_riverrace_current(
  clan = "99R2PQVR",
  limit = NULL,
  after = NULL,
  before = NULL,
  key = cr_get_key()
)
```

Arguments

clan	Required. Clan tag. Default: 99R2PQVR
limit	number of items returned in the response.
after	return only items that occur after this marker.
before	return only items that occur before this marker.
key	Required. Clash Royale API key. See https://developer.clashroyale.com/#/documentation Default: cr_get_key

Value

`tibble` with list columns for clan, clans, and history.

Examples

```
cr_get_riverrace_current('99R2PQVR')
```

---

cr_get_riverrace_log   *Get River Race Log*

Description

Get River Race Log

Usage

```
cr_get_riverrace_log(
  clan = "99R2PQVR",
  limit = NULL,
  after = NULL,
  before = NULL,
  key = cr_get_key()
)
```

Arguments

`clan`	Required. Clan tag. Default: 99R2PQVR
`limit`	number of items returned in the response.
`after`	return only items that occur after this marker.
`before`	return only items that occur before this marker.
`key`	Required. Clash Royale API key. See https://developer.clashroyale.com/#/documentation Default: cr_get_key

Value

`tibble` with list columns for clan, clans, and history.

Examples

```
cr_get_riverrace_log('99R2PQVR')
```

`cr_get_seasons`	*Get Global Seasons*

Description

This returns the current season if it's a valid season.

Usage

```
cr_get_seasons(key = cr_get_key())
```

Arguments

`key`	Required. API key. See https://developer.clashroyale.com/#/documentation Default: cr_get_key()

Value

a `tibble` of season info

Examples

```
cr_get_seasons()
```

---

cr_get_tournament   *Get Tournament*

Description

Get Tournament

Usage

```
cr_get_tournament(tournament, key = cr_get_key())
```

Arguments

tournament	Tournament tag. Required.
key	Required. API key. See https://developer.clashroyale.com/#/documentation Default: cr_get_key

Value

a `tibble` with each row as a player

Examples

```
tournament <- cr_get_tournament_search('a')$tag[1]
cr_get_tournament(tournament)
```

---

cr_get_tournament_search

Search Tournaments

Description

Search Tournaments

Usage

```
cr_get_tournament_search(
  name = NULL,
  limit = NULL,
  after = NULL,
  before = NULL,
  key = cr_get_key()
)
```

Arguments

name	Search clans by name
limit	number of items returned in the response.
after	return only items that occur after this marker.
before	return only items that occur before this marker.
key	Required. API key. See https://developer.clashroyale.com/#/documentation Default: cr_get_key

Value

a `tibble` with each row as a player

Examples

```
cr_get_tournament_search('clash')
```

---

cr_get_upcoming_chests

Get Upcoming Chests

Description

Get Upcoming Chests

Usage

```
cr_get_upcoming_chests(tag = "JYJQC88", key = cr_get_key())
```

Arguments

tag	Required. The player to return. Default: JYJQC88
key	Required. API key. See https://developer.clashroyale.com/#/documentation Default: `cr_get_key()`

Value

tibble of player info

Examples

```
cr_get_upcoming_chests('JYJQC88')
```

---

cr_set_key   *Set Clash Royale API key*

Description

Sets your Clash Royale API key for default use.

Usage

```
cr_set_key(key, overwrite = FALSE, install = FALSE)
```

Arguments

key	Required. Your Clash Royale API key. See https://developer.clashroyale.com/#/getting-started.
overwrite	Defaults to FALSE. Boolean. Should existing CR_API_KEY in Renviron be over-written?
install	Defaults to FALSE. Boolean. Should this be added '~/.Renviron' file?

Value

key, invisibly

Examples

```
## Not run:
cr_set_key('1234')

## End(Not run)
```

---

key   *Get Clash Royale API key*

Description

Retrieves Clash Royale API key set by cr_set_key() if cr_get_key() or indicates if one is set if cr_has_key().

Usage

```
cr_get_key()

cr_has_key()
```

Value

string key, invisibly otherwise logical

Examples

```
cr_has_key()
```

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