Package: royale (via r-universe)

October 26, 2026

Version 0.0.1

Date 2022-10-11

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 (>= 3.1.8), tidyr (>= 1.2.1)

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

License MIT + file LICENSE

Suggests httptest2 (>= 0.1.0), testthat (>= 3.0.0)

Config/testthat/edition 3

Config/Needs/website christopherkenny/ctktemplate

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

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

Config/pak/sysreqs libicu-dev libssl-dev

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

Date/Publication 2026-05-01 16:15:33 UTC

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

RemoteRef HEAD

RemoteSha 17efbc5bf4bb8fbc6be085204d79b359a96efe90

Contents

cr_get_battle_log . . . 2
cr_get_cards . . . 3
cr_get_challenges . . . 4
cr_get_clan . . . 4
cr_get_clan_members . . . 5
cr_get_clan_search . . . 6
cr_get_global_path_of_legend_players . . . 7
cr_get_global_ranking_players . . . 8
cr_get_global_ranking_tournament . . . 9
cr_get_global_season . . . 10
cr_get_global_seasons . . . 10
cr_get_global_tournaments . . . 11
cr_get_local_path_of_legend_players . . . 12
cr_get_local_ranking_clans . . . 13
cr_get_local_ranking_players . . . 14
cr_get_location . . . 15
cr_get_locations . . . 15
cr_get_player . . . 16
cr_get_riverrace_current . . . 16
cr_get_riverrace_log . . . 17
cr_get_seasons . . . 18
cr_get_tournament . . . 19
cr_get_tournament_search . . . 19
cr_get_upcoming_chests . . . 20
cr_set_key . . . 21
key . . . 21

Index **23**

`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 overwritten?
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()
```

Index

∗ **api**
  cr_set_key, 21
  key, 21
∗ **cards**
  cr_get_cards, 3
∗ **challenges**
  cr_get_challenges, 4
∗ **clan**
  cr_get_clan, 4
  cr_get_clan_members, 5
  cr_get_clan_search, 6
  cr_get_riverrace_current, 16
  cr_get_riverrace_log, 17
∗ **globaltournaments**
  cr_get_global_tournaments, 11
∗ **locations**
  cr_get_global_path_of_legend_players, 7
  cr_get_global_ranking_players, 8
  cr_get_global_ranking_tournament, 9
  cr_get_global_season, 10
  cr_get_global_seasons, 10
  cr_get_local_path_of_legend_players, 12
  cr_get_local_ranking_clans, 13
  cr_get_local_ranking_players, 14
  cr_get_location, 15
  cr_get_locations, 15
  cr_get_seasons, 18
∗ **player**
  cr_get_battle_log, 2
  cr_get_player, 16
  cr_get_upcoming_chests, 20
∗ **tournament**
  cr_get_tournament, 19
  cr_get_tournament_search, 19

cr_get_battle_log, 2
cr_get_cards, 3
cr_get_challenges, 4
cr_get_clan, 4
cr_get_clan_members, 5
cr_get_clan_search, 6
cr_get_global_path_of_legend_players, 7
cr_get_global_ranking_players, 8
cr_get_global_ranking_tournament, 9
cr_get_global_season, 10
cr_get_global_seasons, 10
cr_get_global_tournaments, 11
cr_get_key *(*key*)*, 21
cr_get_local_path_of_legend_players, 12
cr_get_local_ranking_clans, 13
cr_get_local_ranking_players, 14
cr_get_location, 15
cr_get_locations, 15
cr_get_player, 16
cr_get_riverrace_current, 16
cr_get_riverrace_log, 17
cr_get_seasons, 18
cr_get_tournament, 19
cr_get_tournament_search, 19
cr_get_upcoming_chests, 20
cr_has_key *(*key*)*, 21
cr_set_key, 21

key, 21