

Package ‘rwars’

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Type Package

Title R Client for the Star Wars API

Description Provides functions to retrieve and reformat data from the 'Star Wars' API (SWAPI) <<https://swapi.co/>>.

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get_all_planets	<i>Retrieve Data about Every DB Entry in a Class</i>
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Description

these functions retrieve the data associated with *every* entry in a particular class of object, where that class may be planet, species, vehicle, so on and so forth.

Usage

```
get_all_planets(query_continue = NULL, parse_result = FALSE, ...)
```

```
get_all_species(query_continue = NULL, parse_result = FALSE, ...)
```

```
get_all_films(query_continue = NULL, parse_result = FALSE, ...)
```

```
get_all_vehicles(query_continue = NULL, parse_result = FALSE, ...)
```

```
get_all_starships(query_continue = NULL, parse_result = FALSE, ...)
```

```
get_all_people(query_continue = NULL, parse_result = FALSE, ...)
```

Arguments

`query_continue` whether this is a continuation of a previous query. Set to NULL by default; the alternative is to provide this argument with the "next" URL from a returned object - see the examples.

`parse_result` whether to parse and simplify the result of the query. Set to FALSE by default.

`...` further arguments to pass to htr's GET function.

See Also

retrieving individual entries with [entries](#)

Examples

```
#Retrieve all planets, parsing
planets <- get_all_planets(parse_result = TRUE)

#It's only returned some of the results! Use query_continue to get
#the rest.
second_set_of_planets <- get_all_planets(getElement(planets,"next"), parse_result = TRUE)
```

get_planet	<i>Retrieve Data about a Specific DB Entry</i>
------------	--

Description

These functions return a specific DB entry's information - where that entry can be a planet, species, vehicle, so on and so forth.

Usage

```
get_planet(id, parse_result = FALSE, ...)  
get_species(id, parse_result = FALSE, ...)  
get_film(id, parse_result = FALSE, ...)  
get_vehicle(id, parse_result = FALSE, ...)  
get_starship(id, parse_result = FALSE, ...)  
get_person(id, parse_result = FALSE, ...)
```

Arguments

id	the numeric ID of the (planet, species, etc) you want to retrieve. Note that IDs are not necessarily sequential; IDs 3, 4 and 6 may exist, while ID 5 may error.
parse_result	whether to parse and simplify the data before returning it. Set to FALSE by default.
...	further arguments to pass to htrr's GET function.

See Also

retrieving entire classes of entries with [all_entries](#).

Examples

```
#Retrieve an object by ID  
looking_for_data_in_alderaan_places <- get_planet(2)
```

get_planet_schema *Retrieve the schema specifications for different object classes*

Description

*_schema functions grab the schema specifications for each class of objects in the SWAPI database. This can be used to predict what structure data returned from the API will take.

Usage

```
get_planet_schema(parse_result = FALSE, ...)  
get_species_schema(parse_result = FALSE, ...)  
get_film_schema(parse_result = FALSE, ...)  
get_vehicle_schema(parse_result = FALSE, ...)  
get_starship_schema(parse_result = FALSE, ...)  
get_person_schema(parse_result = FALSE, ...)
```

Arguments

parse_result whether to simplify the results before they are returned. This is FALSE by default.

... additional arguments to pass to htr's GET function, such as timeout settings or user agents.

Value

a list-based representation of the relevant JSON schema.

See Also

[entries](#) for retrieving data about individual planets, schemas, etc, or [all_entries](#) for retrieving all of the data in a particular category.

Examples

```
get_planet_schema()
```

rwars

Star Wars API client library

Description

A package connecting R to the Star Wars API

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