

Package: ffpros (via r-universe)

July 22, 2024

Title Retrieves Data from FantasyPros

Version 0.1.5

Description Helps gather data from FantasyPros.com with rate-limiting/caching, forming appropriate calls, and returning tidy dataframes which can be easily connected to other data sources.

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URL <https://ffpros.ffverse.com>, <https://github.com/ffverse/ffpros>

BugReports <https://github.com/ffverse/ffpros/issues>

Depends R (>= 3.6.0)

Imports cachem (>= 1.0.0), checkmate (>= 2.0.0), dplyr (>= 1.0.0), glue (>= 1.4.0), httr (>= 1.4.0), janitor (>= 2.0.0), magrittr (>= 2.0.0), memoise (>= 2.0.0), purrr (>= 0.3.0), ratelimitr (>= 0.4.0), rlang (>= 0.4.0), rvest (>= 1.0.0), stringr (>= 1.4.0), tibble (>= 3.1.0), tidyr (>= 1.1.0), V8 (>= 3.4.0), xml2 (>= 1.3.0)

Suggests curl (>= 4.0.0), ffscraper (>= 1.4.0), httptest (>= 4.0.0), knitr (>= 1.0), rmarkdown (>= 2.8), testthat (>= 3.0.0), withr (>= 2.4.0)

VignetteBuilder knitr

Config/testthat/edition 3

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.1.1

Repository <https://ffverse.r-universe.dev>

RemoteUrl <https://github.com/ffverse/ffpros>

RemoteRef main

RemoteSha 25dc3031d3367c14cd64fcc4627efd61ee1acb07

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fp_projections	<i>Import FantasyPros Projections</i>
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Description

Scrapes FantasyPros ranks from the specified page (and optionally, returns metadata).

Usage

```
fp_projections(page, ..., sport = NULL, include_metadata = NULL)
```

Arguments

page	which page
...	named arguments to pass as query parameters
sport	the sport to look up, defaults to nfl
include_metadata	logical - default FALSE (only return tibble), if TRUE returns list with both tibble and metadata

See Also

<https://github.com/dynastyprocess/data>

<https://www.fantasypros.com>

Examples

```
if(interactive()){
  fp_projections("qb")
  fp_projections("wr", year = 2016, week = 2, scoring = "PPR")
  fp_projections("flex", year = 2020, week = 7, scoring = "PPR", `min-yes`="true", `max-yes`="true")

  fp_projections("hitters", `min-yes` = "true", `max-yes` = "true", sport = "mlb")
  fp_projections("pitchers", sport = "mlb")

  fp_projections("overall", sport = "nba")
}
```

`fp_rankings`*Import latest FantasyPros Rankings*

Description

Scrapes FantasyPros ranks from the specified page (and optionally, returns metadata).

Usage

```
fp_rankings(page, ..., sport = NULL, include_metadata = NULL)
```

Arguments

<code>page</code>	which page
<code>...</code>	named arguments to pass as query parameters
<code>sport</code>	the sport to look up, defaults to nfl
<code>include_metadata</code>	logical - default FALSE (only return tibble), if TRUE returns list with both tibble and metadata

See Also

<https://github.com/dynastyprocess/data>

<https://www.fantasypros.com>

Examples

```
if(interactive()){  
  fp_rankings(page = "dynasty-overall")  
  fp_rankings(page = "consensus-cheatsheets", year = 2017)  
  fp_rankings(page = "overall", sport = "nba")  
  fp_rankings(page = "ros-lw", sport = "nhl")  
  fp_rankings(page = "nl-only-ros-overall", sport = "mlb")  
}
```

fp_set_metadata	<i>Set whether metadata is returned</i>
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Description

This option allows you to configure whether the output of functions includes metadata, or is simplified to only the dataframe. Defaults to simplifying (i.e. include = FALSE)

Usage

```
fp_set_metadata(include = FALSE)
```

Arguments

include	logical
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fp_set_ratelimit	<i>Set rate limit</i>
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Description

A helper function that adjusts rate limits for ffpros.

Usage

```
fp_set_ratelimit(rate_number = 1, rate_seconds = 5, rate_limit = TRUE)
```

Arguments

rate_number	number of calls per rate_seconds
rate_seconds	number of seconds
rate_limit	a logical to turn rate limiting on if TRUE and off if FALSE

fp_set_sport	<i>Set default sport</i>
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Description

A helper function that sets the default sport for the ffpros functions. Can be overridden directly.

Usage

```
fp_set_sport(sport)
```

Arguments

sport	one of c("nfl", "nba", "nhl", "mlb")
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fp_set_useragent *Set user agent*

Description

Configures the user agent for the ffpros scraping function.

Usage

`fp_set_useragent(user_agent)`

Arguments

`user_agent` A character string to use as the user agent

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