

Package ‘mlbstatsR’

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Type Package

Title Stats, Photos, Logos, and Colors of M.L.B. (Major League Baseball)

Version 0.1.0.3

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Description Main use case is to gives users the ability to work with Major League Baseball data in a clean and detailed way.
Which provides users with a variety of ways to improve visualizations.

License GPL-3

Encoding UTF-8

RoxygenNote 7.1.1

URL <<https://github.com/IvoVillanueva/mlbstatsR>>

Contact <<https://github.com/IvoVillanueva/mlbstatsR/issues>>

Imports httr, dplyr (>= 1.0), tidyr (>= 1.0), glue, purrr, tibble, utils, jsonlite, janitor, rvest, ggtext, stringr, ggplot2, xml2

Suggests tidyverse, knitr, rmarkdown, testthat (>= 3.0.0)

VignetteBuilder knitr

Config/testthat/edition 3

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espn_player_stats	<i>Estadísticas de los jugadores de la MLB en ESPN</i>
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Description

Estadísticas de los jugadores de la MLB en ESPN

Usage

```
espn_player_stats(
  year = year_actual,
  stats = "batting",
  season_type = "regular"
)
```

Arguments

year	numeric
stats	character
season_type	character

Value

Estadísticas de la MLB en ESPN

Examples

```
# year = year que queremos visualizar
# stats = batting, pitching, fielding
# season_type = regular o playoffs
# Get las estadísticas de pitcheo en playoffs de 2003
espn_player_stats(2012, "pitching", "playoffs")
```

espn_team_stats	<i>Estadísticas de los equipos de la MLB en ESPN</i>
-----------------	--

Description

Estadísticas de los equipos de la MLB en ESPN

Usage

```
espn_team_stats(year = year_actual, stats = "batting", season_type = "regular")
```

Arguments

year	numeric
stats	character
season_type	character

Value

Estadísticas de la MLB en ESPN

Examples

```
# year = year que queremos visualizar
# stats = batting, pitching, fielding
# season_type = regular o playoffs
# Get las estadísticas de pitcheo en playoffs de 2003
espn_team_stats(2015, "pitching", "regular")
```

get_league_stats	<i>League stats for MLB from ESPN(baseball)</i>
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Description

MLB Profesional league baseball data table , stats

Usage

```
get_league_stats()
```

Value

stats & logo

Examples

```
get_league_stats()
```

get_mlb_bateo	<i>Estadística oficial de bateo de la MLB (baseball)</i>
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Description

Estadística oficial de bateo de la MLB (baseball)

Usage

```
get_mlb_bateo(year, quiet = FALSE)
```

Arguments

year	numeric
quiet	character

Value

Estadísticas de la página oficial mlb.com

Examples

```
# year = año que queremos visualizar  
# quiet = indica que se está cargando la tabla  
# Get las estadísticas de bateo del 1975  
get_mlb_bateo(1975)
```

get_mlb_pitchero	<i>Estadística oficial de pitcheo de la MLB (baseball)</i>
------------------	--

Description

Estadística oficial de pitcheo de la MLB (baseball)

Usage

```
get_mlb_pitchero(year, quiet = FALSE)
```

Arguments

<code>year</code>	numeric
<code>quiet</code>	character

Value

Estadísticas de la pagina oficial mlb.com

Examples

```
# year = año que queremos visualizar
# quiet = indica que se esta cargando la tabla
# Get las estadísticas de pitcheo del 1975
get_mlb_pitcheo(1975)
```

`get_mlb_players` *Photos & Logos a& colors for MLB (baseball)*

Description

MLB Profesional league baseball data table with Photos, logos and colors

Usage

```
get_mlb_players()
```

Value

Photos, logos and colors

Examples

```
get_mlb_players()
```

`get_mlb_teams`*Logos & colors for MLB (baseball)*

Description

MLB Profesional league baseball data table , logos and colors

Usage

```
get_mlb_teams()
```

Value

Logos and colors

Examples

```
get_mlb_teams()
```

`get_mlb_wordmarks`*Wordmarks & colors for MLB (baseball)*

Description

MLB Profesional league baseball data table , Wordmarks and colors

Usage

```
get_mlb_wordmarks()
```

Value

Wordmarks and colors

Examples

```
get_mlb_wordmarks()
```

get_png_logos *4 png Logos & colors for MLB (baseball)*

Description

MLB Profesional league baseball data table , logos and colors

Usage

```
get_png_logos()
```

Value

Logos and colors from ESPN

Examples

```
get_png_logos()
```

get_reference_players_mlb
Estadísticas de los jugadores de la MLB en Baseball Reference

Description

Estadísticas de los jugadores de la MLB en Baseball Reference

Usage

```
get_reference_players_mlb(  
  year = year_actual,  
  stats = "batting",  
  type = "standard"  
)
```

Arguments

year	numeric
stats	character
type	character

Value

Estadísticas de la MLB en baseball-reference.com

Examples

```
# year = year que queremos visualizar
# stats = batting, pitching, fielding
# type = 'standard', 'appearances', 'pitcher', 'catcher', 'firstbase', 'secondbase',
# 'thirdbase', 'shortstop', 'leftfield', 'centerfield', 'rightfield', 'outfield'
# 'advanced', 'value', 'probability', 'ratio', 'baserunning', 'batting', 'battingagainst',
# 'startingpitching',
# Get las estadísticas de pitcheo de 1903
get_reference_players_mlb(1987, "batting", "standard")
```

get_reference_team_mlb

Estadísticas de los equipos de la MLB en Baseball Reference

Description

Estadísticas de los equipos de la MLB en Baseball Reference

Usage

```
get_reference_team_mlb(
  year = year_actual,
  stats = "batting",
  type = "standard"
)
```

Arguments

year	numeric
stats	character
type	character

Value

Estadísticas de la MLB en baseball-reference.com

Examples

```
# year = year que queremos visualizar
# stats = batting, pitching, fielding
# type = 'standard', 'appearances', 'pitcher', 'catcher', 'firstbase', 'secondbase',
# 'thirdbase', 'shortstop', 'leftfield', 'centerfield', 'rightfield', 'outfield'
# 'standard', 'advanced', 'value', 'probability', 'ratio', 'baserunning', 'batting',
# 'battingagainst', 'startingpitching'
#
# Get las estadísticas de pitcheo de 1873
get_reference_team_mlb(2015, "pitching", "standard")
```

get_reference_team_standings

Clasificaciones de los equipos de la MLB en Baseball Reference

Description

Clasificaciones de los equipos de la MLB en Baseball Reference

Usage

```
get_reference_team_standings(year = year_actual)
```

Arguments

year numeric

Value

Estadísticas de la MLB en baseball-reference.com

Examples

```
# year = year que queremos visualizar
# Get las estadísticas de pitcheo de 1873
get_reference_team_standings(2021)
```

mlb_player_full	<i>Estadística oficial bateo y pitcheo de los jugadores de la MLB (baseball)</i>
-----------------	--

Description

Estadística oficial bateo y pitcheo de los jugadores de la MLB (baseball)

Usage

```
mlb_player_full(year = year_actual, stats = "hitting", season_type = "regular")
```

Arguments

year	numeric
stats	character
season_type	character

Value

Estadísticas de la pagina oficial mlb.com

Examples

```
# year = year que queremos visualizar
# stats = hitting o pitching
# season_type = 'regular', 'playoffs', 'wildcard',
# 'divisionales', 'championship', 'mundiales' o 'pretemporada
# Get las estadísticas de pitcheo del 2018
mlb_team_stats(2018, "pitching", "regular")
```

mlb_team_stats	<i>Estadística oficial bateo y pitcheo de los equipos de la MLB (baseball)</i>
----------------	--

Description

Estadística oficial bateo y pitcheo de los equipos de la MLB (baseball)

Usage

```
mlb_team_stats(year = year_actual, stats = "hitting", season_type = "regular")
```

Arguments

year	numeric
stats	character
season_type	character

Value

Estadísticas de la pagina oficial mlb.com

Examples

```
# year = year que queremos visualizar
# stats = hitting o pitching
# season_type = 'regular', 'playoffs', 'wildcard',
# 'divisionales', 'championship', 'mundiales' o 'pretemporada
# Get las estadísticas de pitcheo del 2018
mlb_team_stats(2018, "pitching", "regular")
```

theme_ivo

Apply ivo theme to a plots

Description

Apply ivo theme to a plots

Usage

```
theme_ivo(data, ...)
```

Arguments

data	An existing plot object
...	Optional additional arguments to plots

Value

Returns a plot

Examples

```
theme_ivo()
```

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