Package 'nhlscraper'

July 17, 2025

Title Scraper for National Hockey League Data

Version 0.2.0

Description Scrapes data from the 'NHL' and 'ESPN' APIs into 'tibble's. It primarily wraps endpoints documented by Zach Maludzinski (2023) <https:

//github.com/Zmalski/NHL-API-Reference>, Drew Hynes (2018) <https: //gitlab.com/dword4/nhlapi/>, and Joseph Wilson (2023) <https://github.com/pseudo-r/Public-ESPN-API>, covering data from highlevel multi-season summaries and award winners to low-level play-byplay logs and sports books' odds.

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Imports httr (>= 1.4.0), jsonlite (>= 2.0.0), dplyr (>= 1.1.0), tibble (>= 3.3.0), magrittr (>= 2.0.0)

Suggests testthat (>= 3.0.0), knitr (>= 1.50.0), rmarkdown (>= 2.29.0)

Config/testthat/edition 3

VignetteBuilder knitr

URL https://github.com/RentoSaijo/nhlscraper,

https://rentosaijo.github.io/nhlscraper/

BugReports https://github.com/RentoSaijo/nhlscraper/issues

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get_attendance Get attendance for all seasons

Description

get_attendance() retrieves information on each season, including but not limited to their ID and regular and playoff attendance. May soon be merged with get_seasons().

Usage

get_attendance()

Value

tibble with one row per season

Examples

all_attendance <- get_attendance()</pre>

get_awards

Description

get_awards() retrieves information on each award, including but not limited to their trophy ID, name, description, creation date, and image URL.

Usage

get_awards()

Value

tibble with one row per award

Examples

all_awards <- get_awards()</pre>

get_award_winners Get all award winners/finalists

Description

get_award_winners() retrieves information on each award winner or finalist, including but not limited to their player, trophy, and season IDs; name; and vote count.

Usage

```
get_award_winners()
```

Value

tibble with one row per winner/finalist

Examples

all_award_winners <- get_award_winners()</pre>

get_bracket

Description

get_bracket() retrieves information on each series for a given season, including but not limited to their title, abbreviation, 1-letter code, round, top and bottom seeds, and winning and losing teams' IDs. Access get_seasons() for season reference.

Usage

get_bracket(season = get_season_now()\$seasonId - 1)

Arguments

season integer in YYYYYYY

Value

tibble with one row per series

Examples

bracket_20242025 <- get_bracket(season=20242025)</pre>

get_configuration Get configuration for skater, goalie, and team statistics

Description

get_configuration() retrieves information on the outputs of the possible combinations of inputs for get_team_statistics(), get_skater_statistics(), and get_goalie_statistics().

Usage

```
get_configuration()
```

Value

list with 5 items

Examples

config <- get_configuration()</pre>

get_countries

Description

get_countries() retrieves information on each country, including but not limited to their ID, name, 2-letter code, and 3-letter code.

Usage

```
get_countries()
```

Value

tibble with one row per country

Examples

all_countries <- get_countries()</pre>

get_drafts Get all drafts

Description

get_drafts() retrieves information on each draft, including but not limited to their year, type, venue, minimum and maximum player ages, and number of rounds and picks.

Usage

```
get_drafts()
```

Value

tibble with one row per draft

Examples

all_drafts <- get_drafts()</pre>

get_draft_picks Get all draft picks

Description

get_draft_picks() retrieves information on each selection, including but not limited to their player ID, name, draft year, overall number, bio-metrics, and the pick's team history.

Usage

```
get_draft_picks()
```

Value

tibble with one row per pick

Examples

```
all_draft_picks <- get_draft_picks()</pre>
```

get_draft_rankings Get draft rankings by year and player-type

Description

get_draft_rankings() retrieves information on each prospect for a given set of year and player_type, including but not limited to their name, midterm and final ranks, position, bio-metrics, and birth date and location.

Usage

```
get_draft_rankings(year = get_season_now()$seasonId%/%10000, player_type = 1)
```

Arguments

year	integer in YYYY
player_type	integer where 1=North American Skaters, 2=International Skaters, 3=North Amer-
	ican Goalies, and 4=International Goalies

Value

tibble with one row per player

```
draft_rankings_2025_1 <- get_draft_rankings(year=2025, player_type=1)</pre>
```

get_draft_tracker Get draft tracker as of now

Description

get_draft_tracker() retrieves information on the latest draft, including but not limited to each pick's team ID, name, and overall number and selected player's name and position.

Usage

```
get_draft_tracker()
```

Value

tibble with one row per pick

Examples

draft_tracker <- get_draft_tracker()</pre>

get_espn_athlete Get athlete (player) by ESPN Athlete (Player) ID and season

Description

get_espn_athlete() retrieves information on an athlete for a given season, including but not limited to his name, bio-metrics, birth date and location, position, team(s), and jersey number. Access get_espn_athletes() for athlete and get_seasons() for season references.

Usage

```
get_espn_athlete(
  athlete = 3988803,
  season = get_season_now()$seasonId%%10000
)
```

Arguments

athlete	integer ESPN Athlete (Player) ID
season	integer Season in YYYY

Value

list with various items

```
ESPN_Charlie_McAvoy_20242025 <- get_espn_athlete(athlete=3988803, season=2025)
```

get_espn_athletes Get all ESPN athletes

Description

get_espn_athletes() retrieves ESPN hyperlinks for each athlete; the hyperlinks are formatted in base/athletes/{ESPN Athlete ID}?query. May soon be reworked to only return the ESPN Athlete IDs.

Usage

```
get_espn_athletes()
```

Value

tibble with one row per athlete

Examples

```
all_ESPN_athletes <- get_espn_athletes()</pre>
```

get_espn_coach Get coach by I

```
Get coach by ESPN Coach ID (and season)
```

Description

get_espn_coach() retrieves information on a coach for a given season or all seasons, including but not limited to his or her name and head-shot URL. Access get_espn_coaches() for coach and get_seasons() for season references.

Usage

get_espn_coach(coach = 5033, season = "all")

Arguments

coach	integer ESPN Coach ID
season	integer/string in YYYY or 'all'

Value

list with various items

```
ESPN_Paul_Maurice <- get_espn_coach(coach=5033, season='all')</pre>
```

get_espn_coaches

Description

get_espn_coaches() retrieves ESPN hyperlinks for each coach for a given season; the hyperlinks are formatted in base/seasons/{ESPN Season ID}/coaches/{ESPN Coach ID}?query. Access get_seasons() for season reference. May soon be reworked to only return the ESPN Coach IDs.

Usage

```
get_espn_coaches(season = get_season_now()$seasonId%%10000)
```

Arguments

season integer in YYYY

Value

tibble with one row per coach

Examples

ESPN_coaches_20242025 <- get_espn_coaches(2025)</pre>

get_espn_coach_career Get career coaching records by ESPN Coach ID and game-type

Description

get_espn_coach_career() retrieves information on each statistic for a given set of coach and game_type, including but not limited to their name, abbreviation, description, and value. Access get_espn_coaches() for coach reference.

Usage

```
get_espn_coach_career(coach = 5033, game_type = 0)
```

Arguments

coach	integer ESPN Coach ID
game_type	integer where 0=total, 1=regular, and 2=playoffs

Value

tibble with one row per statistic

get_espn_event

Examples

ESPN_Paul_Maurice_career <- get_espn_coach_career(coach=5033, game_type=0)</pre>

get_espn_event Get event (game) by ESPN ID

Description

get_espn_event() retrieves information on an event, including but not limited to its competitors, date, venue, and attendance.

Usage

get_espn_event(event = 401687600)

Arguments

event integer ESPN Event (Game) ID

Value

list with various items

Examples

NJD_BUF_2024_10_04 <- get_espn_event(event=401687600)</pre>

get_espn_events Get ESPN events (games) by start and end dates

Description

get_espn_events() retrieves ESPN hyperlinks for each event; the hyperlinks are formatted in base/events/{ESPN Event ID}?query. Access get_seasons() for start_season and end_season references. May soon be reworked to only return the ESPN Event IDs.

Usage

get_espn_events(start_date = 20241004, end_date = 20250624)

Arguments

start_date	integer Start Date in YYYYMMDD
end_date	integer End Date in YYYYMMDD

Value

tibble with one row per event (game)

Examples

```
ESPN_events_20242025 <- get_espn_events(start_date=20241004, end_date=20250624)
```

get_espn_event_odds Get event (game) odds by ESPN Event (Game) ID

Description

get_espn_event_odds() retrieves information on each provider for a given event, including but not limited to its name, favorite and underdog teams, and money-line and spread odds. Access get_espn_events() for event reference.

Usage

```
get_espn_event_odds(event = 401687600)
```

Arguments

event integer ESPN Event (Game) ID

Value

tibble with one row per provider

Examples

NJD_BUF_2024_10_04_odds <- get_espn_event_odds(event=401687600)

get_espn_event_officials

Get event (game) officials by ESPN Event (Game) ID

Description

get_espn_event_officials() retrieves information on each official for a given event, including but not limited to its ESPN ID, name, and position. Access get_espn_events() for event reference.

Usage

```
get_espn_event_officials(event = 401687600)
```

Arguments

event integer ESPN Event (Game) ID

Value

tibble with one row per official

Examples

NJD_BUF_2024_10_04_officials <- get_espn_event_officials(event=401687600)

get_espn_event_play_by_play

Get event (game) play-by-play by ESPN Event (Game) ID

Description

get_espn_event_play_by_play() retrieves ESPN-provided information on each play for a given event, including but not limited to their ID, type, time of occurrence, strength-state, participants, and X and Y coordinates. Access get_espn_events() for event reference.

Usage

get_espn_event_play_by_play(event = 401687600)

Arguments

event integer ESPN Event (Game) ID

Value

tibble with one row per play

Examples

NJD_BUF_2024_10_04_pbp <- get_espn_event_play_by_play(event=401687600)</pre>

get_espn_event_stars Get event (game) stars by ESPN Event (Game) ID

Description

get_espn_event_stars() retrieves information on each star for a given event, including but not limited to its name, description, and the athlete's ESPN ID. Access get_espn_events() for event reference.

Usage

get_espn_event_stars(event = 401687600)

Arguments

event integer ESPN Event (Game) ID

Value

tibble with one row per athlete

Examples

NJD_BUF_2024_10_04_stars <- get_espn_event_stars(event=401687600)</pre>

get_espn_futures Get ESPN futures by season

Description

get_espn_futures() retrieves futures by type for a given season.

Usage

```
get_espn_futures(season = get_season_now()$seasonId%%10000)
```

Arguments

season integer Season in YYYY

Value

nested tibble with one row per type and book

Examples

ESPN_futures_20252026 <- get_espn_futures(2026)</pre>

get_espn_injuries Get ESPN injury reports as of now

Description

get_espn_injuries() retrieves injury reports by team.

Usage

```
get_espn_injuries()
```

Value

nested tibble with one row per team and player

Examples

ESPN_injuries_now <- get_espn_injuries()</pre>

get_espn_team

Get team by season and ESPN Team ID

Description

get_espn_team() retrieves information on a team for a given season, including but not limited to its name and logo URL. Access get_espn_teams() for team and get_seasons() for season references.

Usage

get_espn_team(team = 1, season = get_season_now()\$seasonId%%10000)

Arguments

team	integer ESPN Team ID
season	integer Season in YYYY

Value

list with various items

```
ESPN_BOS_20242025 <- get_espn_team(team=1, season=2025)</pre>
```

get_espn_teams

Description

get_espn_teams() retrieves ESPN hyperlinks for each team for a given season; the hyperlinks are formatted in base/seasons/{ESPN Season ID}/coaches/{ESPN Team ID}?query. Access get_seasons() for season reference. May soon be reworked to only return the ESPN Team IDs.

Usage

```
get_espn_teams(season = get_season_now()$seasonId%%10000)
```

Arguments

season integer Season in YYYY

Value

tibble with one row per team

Examples

ESPN_teams_20242025 <- get_espn_teams(2025)</pre>

get_espn_transactions Get ESPN transactions by start and end dates

Description

get_espn_transactions() retrieves information on each transaction for a given set of start_date and end_date, including but not limited to their date, description, and involved teams. Access get_seasons() for start_season and end_season references.

Usage

```
get_espn_transactions(start_date = 20241004, end_date = 20250624)
```

Arguments

start_date	integer Start Date in YYYYMMDD
end_date	integer End Date in YYYYMMDD

Value

tibble with one row per transaction

get_franchises

Examples

ESPN_transactions_20242025 <- get_espn_transactions(start_date=20241004, end_date=20250624)

get_franchises Get all franchises

Description

get_franchises() retrieves information on each franchise, including but not limited to their ID; first and last seasons' IDs; captain, coach, and general manager histories; and retired numbers.

Usage

```
get_franchises()
```

Value

tibble with one row per franchise

Examples

all_franchises <- get_franchises()</pre>

get_franchise_season_by_season Get all franchises' season-by-season results

Description

get_franchise_season_by_season() retrieves information on each franchise's season, including but not limited to their ID, decision, final playoff round, and statistics.

Usage

```
get_franchise_season_by_season()
```

Value

tibble with one row per franchise's season

Examples

all_franchise_sbs <- get_franchise_season_by_season()</pre>

```
get_franchise_team_totals
```

Get all franchises' teams' all-time totals

Description

get_franchise_team_totals() retrieves information on each team, including but not limited to their ID, first and last seasons' IDs, and all-time statistics.

Usage

```
get_franchise_team_totals()
```

Value

tibble with one row per team

Examples

all_franchise_team_totals <- get_franchise_team_totals()</pre>

get_franchise_vs_franchise

Get all franchises' all-time records versus other franchises

Description

get_franchise_vs_franchise() retrieves information on each franchise versus another franchise, including but not limited to their IDs, game-type ID, and all-time statistics.

Usage

```
get_franchise_vs_franchise()
```

Value

tibble with one row per franchise versus franchise

Examples

franchise_vs_franchise <- get_franchise_vs_franchise()</pre>

get_games

Description

get_games() retrieves information on each game, including but not limited to their ID, season, type, start date and time, and home and visiting teams' IDs and scores.

Usage

get_games()

Value

tibble with one row per game

Examples

This may take >5s, so skip.

all_games <- get_games()

get_game_boxscore Get boxscore by game, team, and player-type

Description

get_game_boxscore() retrieves information on each player for a given set of game, team, and player_type, including but not limited to their ID, name, sweater number, goals, assists, +/-, hits, blocks, shots-on-goal, giveaways, takeaways, time on ice, and number of shifts. Access get_games() for game reference.

Usage

```
get_game_boxscore(game = 2024020602, team = "home", player_type = "forwards")
```

Arguments

game	integer Game ID
team	string of 'home' or 'away'
player_type	string of 'forwards', 'defense', or 'goalies'

Value

tibble with one row per player

Examples

```
boxscore_2024030411_FLA_defensemen <- get_game_boxscore(
  game=2024030411,
  team='away',
  player_type='defense'
)</pre>
```

get_game_landing Get GameCenter (GC) game-landing by game

Description

get_game_landing() retrieves GC-provided information on a game, including but not limited to its type, venue, start time, clock, home and away teams, and TV broadcast(s). Access get_games() for game reference.

Usage

get_game_landing(game = 2024020602)

Arguments

game

integer Game ID

Value

list of various items

Examples

game_landing_2024030411 <- get_game_landing(game=2024030411)</pre>

get_game_story Get World Showcase (WSC) game-story by game

Description

get_game_story() retrieves WSC-provided information on a game, including but not limited to its type, venue, start time, clock, home and away teams, and TV broadcast(s). Access get_games() for game reference.

Usage

get_game_story(game = 2024020602)

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Arguments

game integer Game ID

Value

list of various items

Examples

game_story_2024030411 <- get_game_story(game=2024030411)</pre>

get_gc_play_by_play Get GameCenter (GC) play-by-play by game

Description

get_gc_play_by_play() retrieves GC-provided information on each play for a given game, including but not limited to their ID; type; time of occurrence; winning, losing, blocking, shooting, hitting, hit, scoring, assisting, committed-by, drawn-by, and/or served-by player IDs; and X and Y coordinates. Access get_games() for game reference.

Usage

get_gc_play_by_play(game = 2024020602)

Arguments

game integer Game ID

Value

tibble with one row per play

Examples

gc_pbp_2024030411 <- get_gc_play_by_play(game=2024030411)</pre>

get_glossary

Description

get_glossary() retrieves information on each terminology, including but not limited to their definition and abbreviation.

Usage

get_glossary()

Value

tibble with one row per terminology

Examples

glossary <- get_glossary()</pre>

get_goalies

Get goalies' biographies by range of seasons

Description

get_goalies() retrieves information on each goalie for a given set of start_season and end_season, including but not limited to their ID, name, bio-metrics, and career statistics. Access get_seasons() for start_season and end_season references. Will soon be deprecated as get_players() can list all players and their IDs much more efficiently.

Usage

get_goalies(start_season = 19171918, end_season = get_season_now()\$seasonId)

Arguments

start_season	integer in YYYYYYY
end_season	integer in YYYYYYY

Value

tibble with one row per goalie

```
goalies_2000s <- get_goalies(start_season=20002001, end_season=20242025)</pre>
```

get_goalie_leaders Get goalie statistics leaders by season, game-type, and category

Description

get_goalie_leaders() retrieves information on each goalie for a given set of season, game_type, and category, including but not limited to their ID, name, and statistics. Access get_seasons() for season reference.

Usage

```
get_goalie_leaders(
   season = get_season_now()$seasonId,
   game_type = 2,
   category = "wins"
)
```

Arguments

season	integer in YYYYYYYY
game_type	integer where 2=regular and 3=playoffs
category	string of 'wins', 'shutouts', 'savePctg', or 'goalsAgainstAverage'

Value

tibble with one row per goalie

Examples

```
playoff_savePctg_leaders_20242025 <- get_goalie_leaders(
    season=20242025,
    game_type=3,
    category='savePctg'
)</pre>
```

get_goalie_milestones Get goalie milestones

Description

get_goalie_milestones() retrieves information on each goalie close to a milestone, including but not limited to their ID, name, and statistics.

Usage

```
get_goalie_milestones()
```

Value

tibble with one row per goalie

Examples

goalie_milestones <- get_goalie_milestones()</pre>

get_goalie_statistics Get goalie statistics

Description

get_goalie_statistics() retrieves information on each goalie or game for a given set of season, teams, game_types, and report. dates must be given when paired with is_game as the default range will return incomplete data (too wide). Access get_configuration() for what information each combination of report, is_aggregate and is_game can provide. Access get_seasons() for season and dates and get_teams() for teams references. Will soon be reworked for easier access.

Usage

```
get_goalie_statistics(
  season = get_season_now()$seasonId,
  teams = 1:100,
  game_types = 1:3,
  dates = c("2025-01-01"),
  report = "summary",
  is_aggregate = FALSE,
  is_game = FALSE
)
```

Arguments

season	integer in YYYYYYYY
teams	vector of integers Team ID(s)
game_types	vector of integers where 1=pre-season, 2=regular, and 3=playoffs
dates	vector of strings in 'YYYY-MM-DD'
report	string
is_aggregate	boolean
is_game	boolean

Value

tibble with one row per goalie or game

get_officials

Examples

```
playoff_goalie_svr_20242025 <- get_goalie_statistics(
   season=20242025,
   teams=1:100,
   game_types=c(3),
   report='startedVsRelieved'
)</pre>
```

get_officials Get all officials

Description

get_officials() retrieves information on each official, including but not limited to their ID, name, and birth date and location.

Usage

get_officials()

Value

tibble with one row per official

Examples

```
all_officials <- get_officials()</pre>
```

get_partner_odds Get partner odds as of now

Description

get_partner_odds() retrieves partner-provided information on each game for a given country, including but not limited to their ID and home and away team odds. Access get_countries() for country reference.

Usage

```
get_partner_odds(country = "US")
```

Arguments

country string 2-letter Code

Value

tibble with one row per game

Examples

partner_odds_now_CA <- get_partner_odds(country='CA')</pre>

get_players Get all players

Description

get_players() retrieves information on each player, including but not limited to their ID, name, bio-metrics, birth date and location, and hall-of-fame status.

Usage

get_players()

Value

tibble with one row per player

Examples

This may take >5s, so skip.

all_players <- get_players()</pre>

get_player_game_log Get game-log by player, season, and game-type

Description

get_player_game_log() retrieves information on each game for a given set of player, season, and game_type, including but not limited to their ID, date, and statistics. Access get_players() for player and get_seasons() for season references.

Usage

```
get_player_game_log(
   player = 8480039,
   season = get_season_now()$seasonId,
   game_type = 2
)
```

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Arguments

player	integer Player ID
season	integer in YYYYYYYY
game_type	integer where 2=regular and 3=playoffs

Value

tibble with one row per game

Examples

```
playoff_Mikko_Rantanen_gl_20242025 <- get_player_game_log(
    player=8478420,
    season=20242025,
    game_type=3
)</pre>
```

get_player_landing Get landing by player

Description

get_player_landing() retrieves information on a player, including but not limited to his ID, name, bio-metrics, career statistics, and awards. Access get_players() for player reference.

Usage

get_player_landing(player = 8480039)

Arguments

player integer Player ID

Value

list with various items

Examples

Mikko_Rantanen_landing <- get_player_landing(player=8478420)</pre>

get_schedule

Description

get_schedule() retrieves information on each game for a given date, including but not limited to their ID; type; venue; start time; tickets link; and home and away teams' IDs, names, and scores. Access get_seasons() for date reference. Unable to conclude any major difference versus get_scores(); may soon be deprecated.

Usage

get_schedule(date = "2025-01-01")

Arguments

date string in 'YYYY-MM-DD'

Value

tibble with one row per game

Examples

schedule_2025_01_02 <- get_schedule(date='2025-01-02')</pre>

get_scoreboards Get scoreboard(s) by date

Description

get_scoreboards() retrieves information on each game for a given date, including but not limited to their ID; type; venue; start time; tickets link; and home and away teams' IDs, names, and scores. Access get_seasons() for date reference. Unable to conclude any major difference versus get_scores(); may soon be deprecated.

Usage

get_scoreboards(date = "2025-01-01")

Arguments

date string in 'YYYY-MM-DD'

Value

tibble with one row per game

get_scores

Examples

scoreboards_2025_01_02 <- get_scoreboards(date='2025-01-02')</pre>

get_scores Get score(s) by date

Description

get_scores() retrieves information on each game for a given date, including but not limited to their ID; type; venue; start time; period and intermission clocks; and home and away teams' IDs, names, and scores. Access get_seasons() for date reference.

Usage

get_scores(date = "2025-01-01")

Arguments

date string in 'YYYY-MM-DD'

Value

tibble with one row per game

Examples

scores_2025_01_02 <- get_scores(date='2025-01-02')</pre>

get_seasons Get all seasons

Description

get_seasons() retrieves information on each season, including but not limited to their ID; start and end dates; number of regular season and playoff games; Stanley Cup owner; Olympics participation; entry and supplemental draft, conference-division, win-tie-loss, and wildcard regulations.

Usage

get_seasons()

Value

tibble with one row per season

Examples

all_seasons <- get_seasons()</pre>

get_season_now

Description

get_season_now() retrieves information on the current season, including but not limited to its ID and game-type.

Usage

get_season_now()

Value

tibble with one row

Examples

season_now <- get_season_now()</pre>

get_series

Get series by season and round

Description

get_series() retrieves information on each series for a given set of season and round, including but not limited to their label, 1-letter code, top and bottom seeds, and winning and losing teams' IDs. Access get_seasons() for season reference.

Usage

```
get_series(season = get_season_now()$seasonId, round = 1)
```

Arguments

season	integer in YYYYYYYY
round	integer of 1:4

Value

tibble with one row per series

```
CF_series_20242025 <- get_series(season=20242025, round=3)</pre>
```

get_series_schedule Get schedule by season and series

Description

get_series_schedule() retrieves information on each game for a given set of season and series, including but not limited to their ID; venue; start date and time; and home and away teams' IDs, names, and scores. Access get_seasons() for season and get_bracket() for series references.

Usage

```
get_series_schedule(season = get_season_now()$seasonId, series = "a")
```

Arguments

season	integer in YYYYYYY
series	string 1-letter Code

Value

tibble with one row per game

Examples

COL_DAL_schedule_20242025 <- get_series_schedule(season=20242025, series='f')

get_shift_charts Get shift charts

Description

get_shift_charts() retrieves information on each shift for a given game, including but not limited to their period, start and end times, and player's ID and name. Access get_games() for game reference.

Usage

```
get_shift_charts(game = 2024020602)
```

Arguments

game integer Game ID

Value

tibble with one row per shift

Examples

shift_charts_2024030411 <- get_shift_charts(game=2024030411)</pre>

get_skaters Get skaters' biographies by range of seasons

Description

get_skaters() retrieves information on each skater for a given set of start_season and end_season, including but not limited to their ID, name, bio-metrics, and career statistics. Access get_seasons() for start_season and end_season references. Will soon be deprecated as get_players() can list all players and their IDs much more efficiently.

Usage

```
get_skaters(start_season = 19171918, end_season = get_season_now()$seasonId)
```

Arguments

start_season	integer in YYYYYYY
end_season	integer in YYYYYYYY

Value

tibble with one row per skater

Examples

skaters_2000s <- get_skaters(start_season=20002001, end_season=20242025)</pre>

get_skater_leaders Get skater statistics leaders by season, game-type, and category

Description

get_skater_leaders() retrieves information on each skater for a given set of season, game_type, and category, including but not limited to their ID, name, and statistics. Access get_seasons() for season reference.

Usage

```
get_skater_leaders(
   season = get_season_now()$seasonId,
   game_type = 2,
   category = "points"
)
```

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Arguments

season	integer in YYYYYYYY
game_type	integer where 2=regular and 3=playoffs
category	string of 'assists', 'goals', 'goalsSh', 'goalsPp', 'points', 'penaltyMins', 'toi', 'plusMinus', or 'faceoffLeaders'

Value

tibble with one row per skater

Examples

```
playoff_toi_leaders_20242025 <- get_skater_leaders(
   season=20242025,
   game_type=3,
   category='toi'
)</pre>
```

get_skater_milestones Get skater milestones

Description

get_skater_milestones() retrieves information on each skater close to a milestone, including but not limited to their ID, name, and statistics.

Usage

```
get_skater_milestones()
```

Value

tibble with one row per skater

Examples

skater_milestones <- get_skater_milestones()</pre>

get_skater_statistics Get skater statistics

Description

get_skater_statistics() retrieves information on each skater or game for a given set of season, teams, game_types, and report. dates must be given when paired with is_game as the default range will return incomplete data (too wide). Access get_configuration() for what information each combination of report, is_aggregate and is_game can provide. Access get_seasons() for season and dates and get_teams() for teams references. Will soon be reworked for easier access.

Usage

```
get_skater_statistics(
   season = get_season_now()$seasonId,
   teams = 1:100,
   game_types = 1:3,
   dates = c("2025-01-01"),
   report = "summary",
   is_aggregate = FALSE,
   is_game = FALSE
)
```

Arguments

season	integer in YYYYYYYY
teams	vector of integers Team ID(s)
game_types	vector of integers where 1=pre-season, 2=regular, and 3=playoffs
dates	vector of strings in 'YYYY-MM-DD'
report	string
is_aggregate	boolean
is_game	boolean

Value

tibble with one row per skater or game

```
regular_skater_shootout_20242025 <- get_skater_statistics(
    season=20242025,
    game_types=c(2),
    report='shootout'
)</pre>
```

get_spotlight_players Get 'spotlight' players as of now

Description

get_spotlight_players() retrieves information on each 'spotlight' player, including but not limited to their ID, name, position, and sweater number.

Usage

```
get_spotlight_players()
```

Value

tibble with one row per player

Examples

spotlight_players_now <- get_spotlight_players()</pre>

get_standings Get standings by date

Description

get_standings() retrieves information on each team for a given date, including but not limited to their ID; name; conference; division; season, recent, and home-away statistics; and waiver sequence. Access get_seasons() for date reference.

Usage

get_standings(date = "2025-01-01")

Arguments

date string in 'YYYY-MM-DD'

Value

tibble with one row per team

```
standings_2025_01_02 <- get_standings(date='2025-01-02')</pre>
```

```
get_standings_information
```

Get standings information for all seasons

Description

get_standings_information() retrieves information on each season, including but not limited to their ID; start and end dates for standings; and conference-division, win-tie-loss, and wildcard regulations. May soon be merged with get_seasons().

Usage

```
get_standings_information()
```

Value

tibble with one row per season

Examples

standings_info <- get_standings_information()</pre>

get_streams Get all streams

Description

get_streams() retrieves information on each stream, including but not limited to their ID, name, and URL.

Usage

get_streams()

Value

tibble with one row per stream

Examples

all_streams <- get_streams()</pre>

get_teams

Description

get_teams() retrieves information on each team, including but not limited to their ID, name, and 3-letter code.

Usage

get_teams()

Value

tibble with one row per team

Examples

all_teams <- get_teams()</pre>

get_team_prospects Get prospects by team and player-type

Description

get_team_prospects() retrieves information on each prospect for a given set of team and player_type, including but not limited to their ID, name, bio-metrics, and birth date and location. Access get_teams() for team reference.

Usage

get_team_prospects(team = "BOS", player_type = "forwards")

Arguments

team	string 3-letter Code
player_type	string of 'forwards', 'defensemen', or 'goalies'

Value

tibble with one row per player

```
COL_defensemen_prospects <- get_team_prospects(
   team='COL',
   player_type='defensemen'
)</pre>
```

```
get_team_roster
```

Description

get_team_roster() retrieves information on each player for a given set of team, season, and player_type, including but not limited to their ID, name, bio-metrics, and birth date and location. Access get_teams() for team and get_team_seasons() for season references.

Usage

```
get_team_roster(
  team = "BOS",
  season = get_season_now()$seasonId,
  player_type = "forwards"
)
```

Arguments

team	string 3-letter Code
season	integer in YYYYYYYY
player_type	string of 'forwards', 'defensemen', or 'goalies'

Value

tibble with one row per player

Examples

```
COL_defensemen_20242025 <- get_team_roster(
   team='COL',
   season=20242025,
   player_type='defensemen'
)</pre>
```

get_team_roster_statistics

Get roster statistics by team, season, game-type, and player-type

Description

get_team_roster_statistics() retrieves information on each player for a given set of team, season, game_type and player_type, including but not limited to their ID, name, and statistics. Access get_teams() for team and get_team_seasons() for season references. get_team_schedule

Usage

```
get_team_roster_statistics(
  team = "BOS",
  season = get_season_now()$seasonId,
  game_type = 2,
  player_type = "skaters"
)
```

Arguments

team	string 3-letter Code
season	integer in YYYYYYYY
game_type	integer where 2=regular and 3=playoffs
player_type	string of 'skaters' or 'goalies'

Value

tibble with one row per player

Examples

```
regular_COL_goalies_statistics_20242025 <- get_team_roster_statistics(
   team='COL',
   season=20242025,
   game_type=2,
   player_type='goalies'
)</pre>
```

get_team_schedule Get schedule by team and season

Description

get_team_schedule() retrieves information on each game for a given set of team and season, including but not limited to their ID, season, type, start date and time, and home and visiting teams' IDs and scores. Access get_teams() for team and get_team_seasons() for season references.

Usage

get_team_schedule(team = "BOS", season = get_season_now()\$seasonId)

Arguments

team	string 3-letter Code
season	integer in YYYYYYY

Value

tibble with one row per game

Examples

```
COL_schedule_20242025 <- get_team_schedule(team='COL', season=20242025)
```

get_team_scoreboard Get team scoreboard as of now

Description

get_team_scoreboard() retrieves information on the current game for a given team, including but not limited to their ID, season, type, start date and time, and home and visiting teams' IDs and scores. Access get_teams() for team reference.

Usage

get_team_scoreboard(team = "BOS")

Arguments team

string 3-letter Code

Value

tibble with one row per game

Examples

```
FLA_scoreboard_now <- get_team_scoreboard(team='FLA')</pre>
```

get_team_seasons Get season(s) for which team played in regular season and/or playoffs

Description

get_team_seasons() retrieves information on each season for a given team, including but not limited to their ID and game-type(s). Access get_teams() for team reference.

Usage

```
get_team_seasons(team = "BOS")
```

Arguments

team 3-letter Code

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get_team_statistics

Value

tibble with one row per season

Examples

```
COL_seasons <- get_team_seasons(team='COL')</pre>
```

get_team_statistics Get team statistics

Description

get_team_statistics() retrieves information on each team or game for a given set of season, game_types, and report. dates must be given when paired with is_game as the default range will return incomplete data (too wide). Access get_configuration() for what information each combination of report, is_aggregate and is_game can provide. Access get_team_seasons() for season and dates references. Will soon be reworked for easier access.

Usage

```
get_team_statistics(
  season = get_season_now()$seasonId,
  report = "summary",
  is_aggregate = FALSE,
  is_game = FALSE,
  dates = c("2025-01-01"),
  game_types = 1:3
)
```

Arguments

season	integer in YYYYYYYY
report	string
is_aggregate	boolean
is_game	boolean
dates	vector of strings in 'YYYY-MM-DD'
game_types	vector of integers where 1=pre-season, 2=regular, and 3=playoffs

Value

tibble with one row per team or game

Examples

```
playoff_team_stf_20242025 <- get_team_statistics(
   season=20242025,
   report='scoretrailfirst',
   game_types=c(3)
)</pre>
```

get_tv_schedule Get TV schedule by date

Description

get_tv_schedule() retrieves information on each TV program for a given date, including but not limited to their title, description, start and end times, and broadcast status. Access get_seasons() for date reference.

Usage

get_tv_schedule(date = "2025-01-01")

Arguments

date string in 'YYYY-MM-DD'

Value

tibble with one row per program

Examples

tv_schedule_2025_01_02 <- get_tv_schedule(date='2025-01-02')</pre>

get_venues Get all venues

Description

get_venues() retrieves information on each venue, including but not limited to their ID, name, and location.

Usage

get_venues()

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Value

tibble with one row per venue

Examples

all_venues <- get_venues()</pre>

get_wsc_play_by_play Get World Showcase (WSC) play-by-play by game

Description

get_wsc_play_by_play() retrieves WSC-provided information on each play for a given game, including but not limited to their ID; time and strength state of occurrence; winning, losing, blocking, shooting, hitting, hit, scoring, assisting, committed-by, drawn-by, and/or served-by player IDs; and X and Y coordinates. Access get_games() for game reference.

Usage

get_wsc_play_by_play(game = 2024020602)

Arguments

game

integer Game ID

Value

tibble with one row per play

Examples

wsc_pbp_2024030411 <- get_wsc_play_by_play(game=2024030411)</pre>

ping

Ping

Description

ping() retrieves information on the API status.

Usage

ping()

Value

boolean TRUE=OK

ping

Examples

online <- ping()</pre>

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