

Package ‘nhlscraper’

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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 high-level multi-season summaries and award winners to low-level play-by-play 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)

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Config/testthat/edition 3

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URL <https://github.com/RentoSaijo/nhlscraper>,
<https://rentosaijo.github.io/nhlscraper/>

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

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get_attendance	<i>Get attendance for all seasons</i>
----------------	---------------------------------------

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()
```

`get_awards`*Get all 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()
```

`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()
```

get_bracket	<i>Get bracket by season</i>
-------------	------------------------------

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 YYYYYYYY
--------	---------------------

Value

tibble with one row per series

Examples

```
bracket_20242025 <- get_bracket(season=20242025)
```

get_configuration	<i>Get configuration for skater, goalie, and team statistics</i>
-------------------	--

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()
```

get_countries	<i>Get all countries</i>
---------------	--------------------------

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()
```

get_drafts	<i>Get all drafts</i>
------------	-----------------------

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()
```

get_draft_picks	<i>Get all draft picks</i>
-----------------	----------------------------

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()
```

get_draft_rankings	<i>Get draft rankings by year and player-type</i>
--------------------	---

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 American Goalies, and 4=International Goalies

Value

tibble with one row per player

Examples

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

get_draft_tracker	<i>Get draft tracker as of now</i>
-------------------	------------------------------------

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()
```

get_espn_athlete	<i>Get athlete (player) by ESPN Athlete (Player) ID and season</i>
------------------	--

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

Examples

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

get_espn_athletes	<i>Get all ESPN athletes</i>
-------------------	------------------------------

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()
```

get_espn_coach	<i>Get coach by ESPN Coach ID (and season)</i>
----------------	--

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

Examples

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

get_espn_coaches	<i>Get ESPN coaches by season</i>
------------------	-----------------------------------

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)
```

get_espn_coach_career	<i>Get career coaching records by ESPN Coach ID and game-type</i>
-----------------------	---

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

Examples

```
ESPN_Paul_Maurice_career <- get_espn_coach_career(coach=5033, game_type=0)
```

get_espn_event	<i>Get event (game) by ESPN ID</i>
----------------	------------------------------------

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)
```

get_espn_events	<i>Get ESPN events (games) by start and end dates</i>
-----------------	---

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	<i>Get event (game) odds by ESPN Event (Game) ID</i>
---------------------	--

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	<i>Get event (game) officials by ESPN Event (Game) ID</i>
--------------------------	---

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)
```

get_espn_event_stars	<i>Get event (game) stars by ESPN Event (Game) ID</i>
----------------------	---

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)
```

get_espn_futures	<i>Get ESPN futures by season</i>
------------------	-----------------------------------

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)
```

get_espn_injuries	<i>Get ESPN injury reports as of now</i>
-------------------	--

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()
```

get_espn_team	<i>Get team by season and ESPN Team ID</i>
---------------	--

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

Examples

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

get_espn_teams	<i>Get ESPN teams by season</i>
----------------	---------------------------------

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)
```

get_espn_transactions	<i>Get ESPN transactions by start and end dates</i>
-----------------------	---

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

Examples

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

get_franchises	<i>Get all franchises</i>
----------------	---------------------------

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()
```

get_franchise_season_by_season	<i>Get all franchises' season-by-season results</i>
--------------------------------	---

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()
```

`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()
```

`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()
```

get_games	<i>Get all games</i>
-----------	----------------------

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	<i>Get boxscore by game, team, and player-type</i>
-------------------	--

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'
)
```

get_game_landing	<i>Get GameCenter (GC) game-landing by game</i>
------------------	---

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)
```

get_game_story	<i>Get World Showcase (WSC) game-story by game</i>
----------------	--

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)
```

Arguments

`game` integer Game ID

Value

list of various items

Examples

```
game_story_2024030411 <- get_game_story(game=2024030411)
```

`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)
```

get_glossary	<i>Get glossary</i>
--------------	---------------------

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()
```

get_goalies	<i>Get goalies' biographies by range of seasons</i>
-------------	---

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 YYYYYYYY
end_season	integer in YYYYYYYY

Value

tibble with one row per goalie

Examples

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

get_goalie_leaders	<i>Get goalie statistics leaders by season, game-type, and category</i>
--------------------	---

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'  
)
```

get_goalie_milestones	<i>Get goalie milestones</i>
-----------------------	------------------------------

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()
```

```
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

Examples

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

`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()
```

`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')
```

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()
```

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
)
```

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  
)
```

get_player_landing	<i>Get landing by player</i>
--------------------	------------------------------

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)
```

get_schedule	<i>Get schedule by date</i>
--------------	-----------------------------

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')
```

get_scoreboards	<i>Get scoreboard(s) by date</i>
-----------------	----------------------------------

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

Examples

```
scoreboards_2025_01_02 <- get_scoreboards(date='2025-01-02')
```

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')
```

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()
```

get_season_now	<i>Get season as of now</i>
----------------	-----------------------------

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()
```

get_series	<i>Get series by season and round</i>
------------	---------------------------------------

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

Examples

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

get_series_schedule	<i>Get schedule by season and series</i>
---------------------	--

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 YYYYYYYY
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	<i>Get shift charts</i>
------------------	-------------------------

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)
```

get_skaters	<i>Get skaters' biographies by range of seasons</i>
-------------	---

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 YYYYYYYYY
end_season      integer in YYYYYYYYY
```

Value

tibble with one row per skater

Examples

```
skaters_2000s <- get_skaters(start_season=20002001, end_season=20242025)
```

get_skater_leaders	<i>Get skater statistics leaders by season, game-type, and category</i>
--------------------	---

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"
)
```


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'  
)
```

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()
```

`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

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

Value

tibble with one row per skater or game

Examples

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

get_spotlight_players	<i>Get 'spotlight' players as of now</i>
-----------------------	--

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()
```

get_standings	<i>Get standings by date</i>
---------------	------------------------------

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

Examples

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

`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()
```

`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()
```

get_teams	<i>Get all teams</i>
-----------	----------------------

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()
```

get_team_prospects	<i>Get prospects by team and player-type</i>
--------------------	--

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

Examples

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

get_team_roster	<i>Get roster by team, season, and player-type</i>
-----------------	--

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'
)
```

get_team_roster_statistics	<i>Get roster statistics by team, season, game-type, and player-type</i>
----------------------------	--

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.

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'
)
```

get_team_schedule	<i>Get schedule by team and season</i>
-------------------	--

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 YYYYYYYY

Value

tibble with one row per game

Examples

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

get_team_scoreboard	<i>Get team scoreboard as of now</i>
---------------------	--------------------------------------

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')
```

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

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
------	---------------

Value

tibble with one row per season

Examples

```
COL_seasons <- get_team_seasons(team='COL')
```

get_team_statistics	<i>Get team statistics</i>
---------------------	----------------------------

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 YYYYYYYYY
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)  
)
```

get_tv_schedule	<i>Get TV schedule by date</i>
-----------------	--------------------------------

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')
```

get_venues	<i>Get all venues</i>
------------	-----------------------

Description

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

Usage

```
get_venues()
```

Value

tibble with one row per venue

Examples

```
all_venues <- get_venues()
```

get_wsc_play_by_play	<i>Get World Showcase (WSC) play-by-play by game</i>
----------------------	--

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)
```

ping	<i>Ping</i>
------	-------------

Description

ping() retrieves information on the API status.

Usage

```
ping()
```

Value

boolean TRUE=OK

Examples

```
online <- ping()
```

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