StatsBomb API Matches Specification v5.0.0

[StatsBomb API - last updated 19 August 2021]

This document describes the API used to request a listing of the matches for which the user has licensed access, for a specified competition and season. Credentials need to be supplied as described in the general API notes.

Summary of Changes for API v5.0.0

- Added fields *attendance*, *neutral_ground*, *behind_closed_doors* and *play_status* to matches.
- Added *home_team_youth* and *away_team_youth* flags.

Accessing the API

The new API version has changed URLs from "/v4/competitions/…" to "/v5/competitions/…" The new version of the url must be used to see the new metadata structure.

The updated API can be accessed by making a request to https://data.statsbombservices.com/api/v5/competitions/?/seasons/?/matches . The question marks should be replaced with the desired competition_id and season_id (which can be found from the competitions API).

Please see our data website for the documentation of previous API versions.

An R package has been written for users to conveniently access the API and clean the data. The R package is available at https://github.com/statsbomb/StatsBombR.

Response

The response will be in JSON format. The response is an array of match objects, which have the following structure:

Variable	Variable Type	Variable Description	Values
match_id	Integer	The unique identifier for the match (required to request events).	e.g., 2781
competition	object (id (integer) / name (string))	The ID is the unique identifier for the competition and the name is the name of the competition	e.g, 2 / "Premier League"
country_name	String	The name of the country the competition relates to (or region for international competitions)	e.g., "England"
season	object (id (integer) / name (string))	The ID is the unique identifier for the season and the name is the name of the season	e.g., 1, "2017/2018"
match_date	Date	The date of the Match	"2018-03-09"
kick_off	Time	The time of the Match	"16:00:00.000"
stadium	object (id (integer) / name (string))	The ID is the unique identifier for the stadium and the name is the name of the stadium	e.g, 68 / "Stamford Bridge"
stadium_country	String	The name of the country the stadium is in.	e.g., "England"
referee_name	object (id (integer) / name (string))	The ID is the unique identifier for the referee and the name is the name of the referee	e.g., 5 / "A. Marriner"
referee_country	object (id (integer) / name (string))	The ID is the unique identifier for the country and the name is the name of the country	e.g, 68/ "England"

home_team	object (id (integer) / name (string))	The unique identifier integer and the name for the home team in this match	e.g., 1 / "Arsenal"
home_team_gender	String	Gender of the home team in the match.	"male"
home_team_youth	Boolean	Whether or not the home team is a youth team.	true/false
home_team_manager	Data Frame	Data frame of the manager for the home team with information about the manager described with the variables listed below.	
	id (integer)	Unique ID number for the manager.	471
	name (string)	Full name of the manager.	Óscar Alexander Pareja Gómez
	nickname (string)	Nickname of the manager.	Ó. Pareja
	dob (Date/String)	Manager's date of birth	8/10/1968
	country (id (integer) / name (string))	ID/name of the manager's country of origin.	49 / "Colombia
home_team_group	String	Name of the group/conference of the team in the match.	e.g., "Group A"
home_team_country	object (id (integer) / name (string))	ID number and name corresponding to the origin country for the home team in the match.	e.g, 68/ "England"
away_team	object (id (integer) / name (string))	The unique identifier integer and the name for the away team in this match	e.g., 1 / "Arsenal"

away_team_gender	String	Gender of the away team in the match.	"male"
away_team_youth	Boolean	Whether or not the away team is a youth team.	true/false
away_team_manager	Data Frame	Data frame of the manager for the away team with information about the manager described with the variables listed below.	
	id (integer)	Unique ID number for the manager.	471
	name (string)	Full name of the manager.	Óscar Alexander Pareja Gómez
	nickname (string)	Nickname of the manager.	Ó. Pareja
	dob (Date/String)	Manager's date of birth	8/10/1968
	country (id (integer) / name (string))	ID/name of the manager's country of origin.	49 / "Colombia
away_team_group	String	Name of the group/conference of the team in the match.	e.g., "Group A"
away_team_country	object (id (integer) / name (string))	ID number and name corresponding to the origin country for the away team in the match.	e.g, 68/ "England"
home_score	Integer	The final score of the home team	e.g., 2
away_score	Integer	The final score of the away team	e.g., 4
attendance	Integer	The number of people in the crowd at this game.	e.g. 32455
behind_closed_doors	Boolean	Whether the game was played behind closed doors, with no spectators.	true/false

neutral_ground	Boolean	Whether the game was played at a neutral ground.	true/false
play_status	String	The status of this fixture. "Normal" when the game has already been or will be played as planned.	"Normal", "Postponed", "Cancelled", "Abandoned", "Forfeited"
match_status	String	The current status of event collection for this match. Possible values. The final status is "available", at which point event data can be obtained from the event API.	"available", "deleted", "scheduled"
match_status_360	String	The current status of 360 collection for this match. Not all competitions will receive 360 data, so may be marked "unscheduled". Matches awaiting 360 frames will be marked "scheduled", and those that are ready for download will be marked "available".	"available", "scheduled", "unscheduled"
match_week	Integer	Number corresponding to the weeks into the competition this match is.	e.g., 25
competition_stage	object (id (integer) / name (string))	id/name pair of the phase of the competition this match is in.	e.g., 1 / "Regular Season"
last_updated	DateTime	The date and time at which this match information was last updated.	e.g., "2018-08-08T15:44:27.375199"
last_updated_360	DateTime	The date and time at which this match's 360 data was updated. When QA updates happen, this timestamp will update, indicating	

		customers should download the new data.	
metadata	Object	Contains a list of tags detailing the versions of various parts of the event data for this match.	All child attributes are optional (and this object will be empty for games not yet "Available").
data_version	String	The version number for the method in which the data was collected.	"1.0.2", "1.0.3", "1.1.0"

Appendix

Appendix 1: Competition Stages

Competition Stage ID	Competition Stage Name
1	Regular Season
2	Play-In Round
6	Europa League Play-offs - Semi-finals
8	MLS Cup - Conference Semi-finals
9	3rd Qualifying Round
10	Group Stage
11	Quarter-finals
12	Europa League Play-offs - Finals
13	16th Finals
14	Promotion Play-offs - Final
15	Semi-finals
18	Promotion Play-offs - Semi-finals
19	Preliminary Round
20	2nd Round
21	Europa League Play-offs - Quarter-finals
22	2nd Qualifying Round
23	MLS Cup - Conference Finals
24	Promotion Play-offs - 1st Round
25	3rd Place Final
26	Final
27	Promotion Play-offs - 2nd Round
28	Play-offs

29	1st Qualifying Round
31	Preliminary Round - Semi-finals
33	8th Finals
34	1st Phase
35	Preliminary Round - Final

Appendix 2: Metadata History

Metadata Item	Version	Note
data_version	1.1.0	See StatsBomb Data Specification document for details
data_version	1.0.3	See StatsBomb Data Specification document for details
data_version	1.0.2	See StatsBomb Data Specification document for details
data_version	1.0.1	See StatsBomb Data Specification document for details
data_version	1.0.0	See StatsBomb Data Specification document for details
shot_fidelity_version	2	See Shot Fidelity Specification document for details
shot_fidelity_version	1 [tag not specified in metadata object]	

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