

StatsBomb Open Matches Specification v3.0.0

[StatsBomb Data - last updated 26 March 2019]

This document describes the JSON format for StatsBomb's open match data.

Response

Match files are stored in paths like data/matches/[competition_id]/[season_id].json. Each competition ID folder identifies seasons of a single competition, and each season ID file contains matches in that competition season. The contents are 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_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_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
match_status	String	The current status of 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_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"
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

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