ADVANCED BOX

File Documentation Details

Version 0.9

ADVANCED BOX v0.9

Overview

This output consists of aggregated data for several types of events, each with information on every player or pair of players that appears in a game. These events are summarized in the table below:

Game State

This object is intended to give information on the status of the game.

Example

```
{
  "game-state":
    {
      "period_status":"final",
      "period":4
      "game_status":3,
      "game_clock":""
    },
    …...
```

Game State Objects

Field	Type	Description
game_id	UUID	Second Spectrum ID for the game `"Game_id": "14c7f0a8-89f0-11e6-afbc-a45e60e298d3"`
home_score	Integer	Home team score (null if game is upcoming) `"home_score": "10"`
away_score	Integer	Away team score (null if game is upcoming) `"away_score": "10"`
period_status	STRING	"" (before game), "1Q", "2Q", "Halftime", "3Q", "4Q", "OT" "OT2" (etc.), "final" `"period_status": "1Q"`

period	Integer	Integer representing the period number. Will be 1 before the game and the number of the final period after the game (could be 5, 6, etc. if overtime periods occur). `"period": 1`
game_status	Integer	1 (upcoming), 2 (game in-progress), 3 (final) `"game_status": 3`
game_clock	Float	Number of seconds remaining in period. "" before and after the game. `"game_clock": 719.34`

Overview of Events

Event	Description
Contested Shots	Shooting statistics for every shooter-defender pair
Defensive Shots	Shooting statistics for every player on defense (shots against)
Drives	Drives statistics for every player
Isolations	Isolation statistics for every player
Matchups	Matchup statistics for every offensive-defensive player pair
Passes	Passing statistics and types for every player
Passes Pairings	Passing statistics and types for every passer-receiver pair
Posts	Post statistics for every player
Rebounds	Rebounding statistics for every player
Shots	Shooting statistics for every player, for several subcategories of shots
Speed/Load	Speed/Load statistics for every player
Touches	Touches statistics for every player, for several subcategories of touches

Example
[1]

```
{
    "contested_shots_agg": [
    {
        "defender_id": "ff413211-89ef-11e6-8e43-a45e60e298d3",
        "fga": 1,
        "fgm": 0,
        "game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3",
        "shooter_id": "ff4131ae-89ef-11e6-b703-a45e60e298d3",
        "tpa": 0,
        "tpm": 0
    },
    {
        "defender_id": "ff415a3a-89ef-11e6-a0bf-a45e60e298d3",
        "fga": 4,
        "fgm": 1,
        "game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3",
        "shooter_id": "ff4131ae-89ef-11e6-b703-a45e60e298d3",
        "tpa": 1,
        "tpm": 1
    },
    ......
    ],
    "defensive_shots_agg": [
    {
        "def_team_id": "feb4d380-89ef-11e6-9eb6-a45e60e298d3",
        "dist_0_5_fga": 0,
        "dist_0_5_fgm": 0,
        "dist_10_15_fga": 0,
        "dist_10_15_fgm": 0,
        "dist_15p_fga": 0,
        "dist_15p_fgm": 0,
        "dist_5_10_fga": 0,
        "dist_5_10_fgm": 0,
        "game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3",
        "player_id": "ff4112c7-89ef-11e6-9397-a45e60e298d3",
        "season": 2015,
        "team_id": "feb4d023-89ef-11e6-9ca7-a45e60e298d3",
```

[1] The example message is formatted for easy reading. Actual output messages will not contain linefeeds or extra whitespace.

```
            "tpa": 0,
            "tpm": 0
        },
        {
            "def_team_id": "feb4d380-89ef-11e6-9eb6-a45e60e298d3",
            "dist_0_5_fga": 0,
            "dist_0_5_fgm": 0,
            "dist_10_15_fga": 0,
            "dist_10_15_fgm": 0,
            "dist_15p_fga": 5,
            "dist_15p_fgm": 1,
            "dist_5_10_fga": 3,
            "dist_5_10_fgm": 0,
            "game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3",
            "player_id": "ff4131ae-89ef-11e6-b703-a45e60e298d3",
            "season": 2015,
            "team_id": "feb4d023-89ef-11e6-9ca7-a45e60e298d3",
            "tpa": 0,
          "tpm": 0
        },
      ......
      ],
      ......
```

Events

Contested Shots
Name: "contested_shots_agg"
Description: Shooting statistics for every shooter-defender pair
Event Objects:

Field	Type	Description
defenderId	UUID	Second Spectrum ID for the defensive player in this pair "defender_id": "ff413211-89ef-11e6-8e43-a45e60e298d3"
fga	Integer	Number of field goal attempts "fga": 2
fgm	Integer	Number of field goal makes

		`"fgm": 1`
game_id	UUID	Second Spectrum ID for the game `"game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3"`
shooter_id	UUID	Second Spectrum ID for the shooter in this pair `"shooter_id": "ff4131ae-89ef-11e6-b703-a45e60e298d3"`
tpa	Integer	Number of three point attempts `"tpa": 2`
tpm	Integer	Number of three point makes `"tpm": 1`

Defensive Shots

Name: "defensive_shots_agg"
Description: Shooting statistics for every player on defense (shots against)
Event Objects:

Field	Type	Description
def_team_id	UUID	Second Spectrum ID for the defensive team (the team of the player) `"def_team_id": "feb4d380-89ef-11e6-9eb6-a45e60e298d3"`
dist_0_5_fga	Integer	Number of field goal attempts against from 0-5 feet `"dist_0_5_fga": 2`
dist_0_5_fgm	Integer	Number of field goal makes against from 0-5 feet `"dist_0_5_fgm": 1`
dist_10_15_fga	Integer	Number of field goal attempts against from 10-15 feet `"dist_10_15_fga": 2`
dist_10_15_fgm	Integer	Number of field goal makes against from 10-15 feet `"dist_10_15_fgm": 2`

dist_15p_fga	Integer	Number of field goal attempts against from 15+ feet (twos only) `"dist_15p_fga": 2`
dist_15p_fgm	Integer	Number of field goal makes makes from 15+ feet (twos only) `"dist_15p_fgm": 2`
dist_5_10_fga	Integer	Number of field goal attempts against from 5-10 feet `"dist_5_10_fga": 2`
dist_5_10_fgm	Integer	Number of field goal makes against from 5-10 feet `"dist_5_10_fgm": 2`
game_id	UUID	Second Spectrum ID for the game `"game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3"`
player_id	UUID	Second Spectrum ID for the player `"player_id": "ff4112c7-89ef-11e6-9397-a45e60e298d3"`
season	Integer	Year of season (by season start) `"season": 2015`
team_id	UUID	Second Spectrum ID for the offensive team `"team_id": "feb4d023-89ef-11e6-9ca7-a45e60e298d3"`
tpa	Integer	Number of three point attempts against `"tpa": 2`
tpm	Integer	Number of three point makes against `"tpm": 2`

Drives

Name: "drives_agg"
Description: Drives statistics for every player
Event Objects:

Field	Type	Description
assists	Integer	Number of assists by the player off drives `"assists": 1`
def_team_id	UUID	Second Spectrum ID for the defensive team `"def_team_id": "feb4d380-89ef-11e6-9eb6-a45e60e298d3"`
drives	Integer	Number of drives by the player `"drives": 5`
fga	Integer	Number of field goal attempts by the player off drives `"fga": 2`
fgm	Integer	Number of field goal makes by the player off drives `"fgm": 2`
fta	Integer	Number of free throw attempts by the player off drives `"fta": 2`
ftm	Integer	Number of free throw makes by the player off drives `"ftm": 2`
game_id	UUID	Second Spectrum ID for the game `"game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3"`
num_possessions	Integer	Number of offensive possessions in which the player drives `"num_possessions": 5`
passes	Integer	Number of passes by the player off drives `"passes": 3`
player_id	UUID	Second Spectrum ID for the player

		"player_id": "ff4112c7-89ef-11e6-9397-a45e60e298d3"
points	Integer	Number of points scored by the player off drives "points": 6
season	Integer	Year of season (by season start) "season": 2015
shooting_fouls	Integer	Number of shooting fouls drawn by the player off drives "shooting_fouls": 1
team_id	UUID	Second Spectrum ID for the offensive team "team_id": "feb4d023-89ef-11e6-9ca7-a45e60e298d3"
team_points	Integer	Number of points scored by the offensive team on possessions in which the player drives "team_points": 6
tpm	Integer	Number of three point makes by the player off drives "tpm": 2
tpa	Integer	Number of three point attempts by the player off drives "tpa": 2
turnovers	Integer	Number of turnovers by the player off drives "turnovers": 1

Isolations
Name: "isolations_agg"
Description: Isolation statistics for every player
Event Objects:

Field	Type	Description
assists	Integer	Number of assists by the player off isolations "assists": 1

def_team_id	UUID	Second Spectrum ID for the defensive team `"def_team_id": "feb4d380-89ef-11e6-9eb6-a45e60e298d3"`
fga	Integer	Number of field goal attempts by the player off isolations `"fga": 2`
fgm	Integer	Number of field goal makes by the player off isolations `"fgm": 2`
fta	Integer	Number of free throw attempts by the player off isolations `"fta": 2`
ftm	Integer	Number of free throw makes by the player off isolations `"ftm": 2`
game_id	UUID	Second Spectrum ID for the game `"game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3"`
isolations	Integer	Number of isolations by the player `"isolations": 5`
passes	Integer	Number of passes by the player off isolations `"passes": 3`
player_id	UUID	Second Spectrum ID for the player `"player_id": "ff4112c7-89ef-11e6-9397-a45e60e298d3"`
points	Integer	Number of points scored by the player off isolations `"points": 6`

season	Integer	Year of season (by season start) `"season": 2015`
shooting_fouls	Integer	Number of shooting fouls drawn by the player off isolations `"shooting_fouls": 1`
team_id	UUID	Second Spectrum ID for the offensive team `"team_id": "feb4d023-89ef-11e6-9ca7-a45e60e298d3"`
tpm	Integer	Number of three point makes by the player off isolations `"tpm": 2`
tpa	Integer	Number of three point attempts by the player off isolations `"tpa": 2`
num_possessions	Integer	Number of offensive possessions in which the player has an isolation `"num_possessions": 5`
team_points	Integer	Number of points scored by the offensive team on possessions in which the player has an isolation `"team_points": 6`
turnovers	Integer	Number of turnovers by the player off isolations `"turnovers": 1`

Matchups

Name: "matchups_agg"
Description: Matchup statistics for every offensive-defensive player pair
Event Objects:

Field	Type	Description

def_player_id	UUID	Second Spectrum ID for the player defensive player in the matchup `"def_player_id": "ff413211-89ef-11e6-8e43-a45e60e298d3"`
def_team_id	UUID	Second Spectrum ID for the defensive team `"def_team_id": "feb4d380-89ef-11e6-9eb6-a45e60e298d3"`
game_id	UUID	Second Spectrum ID for the game `"game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3"`
matchups_assists	Integer	Number of assists by the offensive player during matchups with the defensive player `"matchups_assists": 1`
matchups_blocks	Integer	Number of blocks by the defensive player during matchups with the offensive player `"matchups_blocks": 1`
non_matchups_blocks	Integer	Number of blocks by the defensive player during matchups on a player he wasn't specific matched up with `"matchups_help_blocks_made": 1`
other_defenders_blocks	Integer	Number of blocks the defensive player allows a teammate to take on the player he is matched up with `"matchups_help_blocks_rec": 1`
matchups_count	Integer	Number of matchups between the offensive player and defensive player `"matchups_count": 1`
matchups_fga	Integer	Number of field goal attempts by the offensive player during matchups with the defensive player `"matchups_fga": 1`
matchups_fgm	Integer	Number of field goals made by the offensive player during matchups with the defensive player `"matchups_fgm": 1`
matchups_tpa	Integer	Number of three point attempts made by the offensive

		player during matchups with the defensive player `"matchups_tpa": 1`
matchups_tpm	Integer	Number of three point makes by the offensive player during matchups with the defensive player `"matchups_tpm": 1`
matchups_ftm	Integer	Number of free throws made by the offensive player during matchups with the defensive player `"matchups_ftm": 1`
matchups_fouls	Integer	Number of fouls by the defensive player during matchups with the offensive player `"matchups_fouls": 1`
matchups_shooting_fouls	Integer	Number of shooting fouls by the defensive player during matchups with the offensive player `"matchups_shooting_fouls": 1`
matchups_non_shooting_fouls	Integer	Number of non-shooting fouls by the defensive player during matchups with the offensive player `"matchups_non_shooting_fouls": 1`
matchups_fouls_off	Integer	Number of fouls by the offensive player during matchups with the defensive player `"matchups_fouls_off": 1`
matchups_turnovers	Integer	Number of turnovers by the offensive player during matchups with the defensive player `"matchups_turnovers": 1`
num_possessions	Integer	Number of possessions in which matchups occur between the offensive and defensive player `"num_possessions": 5`
off_player_id	UUID	Second Spectrum ID for the offensive player in the matchup `"off_player_id": "ff4112c7-89ef-11e6-9397-a45e60e298d3"`

`off_team_id`	UUID	Second Spectrum ID for the offensive team `"off_team_id": "feb4d023-89ef-11e6-9ca7-a45e60e298d3"`
`player_points`	Integer	Number of points scored by the offensive player during matchups with the defensive player `"player_points": 6`
`team_points`	Integer	Number of points scored by the offensive team on possessions in which matchups occur `"team_points": 6`

Passes

Name: "passes_agg"

Description: Passing statistics and types for every player

Event Objects:

Field	Type	Description
`def_team_id`	UUID	Second Spectrum ID for the defensive team `"def_team_id": "feb4d380-89ef-11e6-9eb6-a45e60e298d3"`
`game_id`	UUID	Second Spectrum ID for the game `"game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3"`
`num_assists`	Integer	Number of assists made by the player `"num_assists": 1`
`num_secondary_assists`	Integer	Number of secondary assists made by the player `"num_secondary_assists": 1`
`num_ball_reversals`	Integer	Number of ball reversals made by the player `"num_ball_reversals": 1`
`num_elbow_entries`	Integer	Number of elbow entries made by the player `"num_elbow_entries": 1`

num_sfl_assists	Integer	Number of shooting foul assists made by the player `"num_sfl_assists": 1`
num_interior	Integer	Number of interior passes made by the player `num_interior": 1`
num_outlet	Integer	Number of outlet passes made by the player `"num_outlet": 5`
num_passes	Integer	Number of passes made by the player `"num_passes": 5`
num_passes_ahead	Integer	Number of passes ahead made by the player `"num_passes_ahead": 5`
num_post_entries	Integer	Number of post entries made by the player `"num_post_entries": 5`
num_pot_assists	Integer	Number of potential assists made by the player `"num_pot_assists": 5`
num_pts_created	Integer	Number of points in a chance where the passer assisted or had a shooting foul assist `"num_pts_created": 5`
num_skips	Integer	Number of skip passes made by the player `"num_skips": 5`

player_id	UUID	Second Spectrum ID for the player
		`"off_player_id":`
		`"ff4112c7-89ef-11e6-9397-a45e60e298d3"`

season	Integer	Year of season (by season start) `"season": 2015`

Field	Type	Description
team_id	UUID	Second Spectrum ID for the offensive team `"team_id": "feb4d023-89ef-11e6-9ca7-a45e60e298d3"`

Passes Pairings
Name: "passes_pairings_agg"
Description: Passing statistics and types for every passer_reciever pair
Event Objects:

Field	Type	Description
def_team_id	UUID	Second Spectrum ID for the defensive team `"def_team_id": "feb4d380-89ef-11e6-9eb6-a45e60e298d3"`
game_id	UUID	Second Spectrum ID for the game `"game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3"`
num_assists	Integer	Number of assists made from the passer to the receiver `"num_assists": 1`
num_secondary_assists	Integer	Number of secondary assists made from the passer to the reciever `"num_secondary_assists": 1`
num_ball_reversals	Integer	Number of ball reversals made from the passer to the receiver `"num_ball_reversals": 1`
num_elbow_entries	Integer	Number of elbow entries made from the passer to the receiver `"num_elbow_entries": 1`
num_sfl_assists	Integer	Number of shooting foul assists made from the passer to the receiver `"num_sfl_assists": 1`
num_interior	Integer	Number of interior passes made from the passer to the

		receiver `num_interior": 1`
num_outlet	Integer	Number of outlet passes made from the passer to the receiver `"num_outlet": 5`
num_passes	Integer	Number of passes made from the passer to the receiver `"num_passes": 5`
num_passes_ahead	Integer	Number of passes ahead made from the passer to the receiver `"num_passes_ahead": 5`
num_post_entries	Integer	Number of post entries made from the passer to the receiver `"num_post_entries": 5`
num_skips	Integer	Number of skip passes made from the passer to the receiver `"num_skips": 5`
off_team_id	UUID	Second Spectrum ID for the offensive team `"off_team_id": "feb4d023-89ef-11e6-9ca7-a45e60e298d3"`
passer_id	UUID	Second Spectrum ID for the passer `"passer_id": "ff4112c7-89ef-11e6-9397-a45e60e298d3"`
receiver_id	UUID	Second Spectrum ID for the receiver `"receiver_id": "ff4112c7-89ef-11e6-9397-a45e60e298d3"`

Posts
Name: "posts_agg"
Description: Post statistics for every player
Event Objects:

Field	Type	Description
assists	Integer	Number of assists by the player off posts `"assists": 1`
def_team_id	UUID	Second Spectrum ID for the defensive team `"def_team_id": "feb4d380-89ef-11e6-9eb6-a45e60e298d3"`
fga	Integer	Number of field goal attempts by the player off posts `"fga": 2`
fgm	Integer	Number of field goal makes by the player off posts `"fgm": 2`
fta	Integer	Number of free throw attempts by the player off posts `"fta": 2`
ftm	Integer	Number of free throw makes by the player off posts `"ftm": 2`
game_id	UUID	Second Spectrum ID for the game `"game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3"`
num_possessions	Integer	Number of offensive possessions in which the player posts `"num_possessions": 5`
passes	Integer	Number of passes by the player off isolations `"passes": 3`
player_id	UUID	Second Spectrum ID for the player `"player_id": "ff4112c7-89ef-11e6-9397-a45e60e298d3"`
points	Integer	Number of points scored by the player off posts `"points": 6`

posts	Integer	Number of posts by the player `"posts": 5`
season	Integer	Year of season (by season start) `"season": 2015`
shooting_fouls	Integer	Number of shooting fouls drawn by the player off posts `"shooting_fouls": 1`
team_id	UUID	Second Spectrum ID for the offensive team `"team_id": "feb4d023-89ef-11e6-9ca7-a45e60e298d3"`
team_points	Integer	Number of points scored by the offensive team on possessions in which the player posts `"team_points": 6`
tpm	Integer	Number of three point makes by the player off posts `"tpm": 2`
tpa	Integer	Number of three point attempts by the player off posts `"tpa": 2`
turnovers	Integer	Number of turnovers by the player off posts `"turnovers": 1`

Rebounds

Name: "rebounds_agg"
Description: Rebounding statistics for every player
Event Objects:

Field	Type	Description
def_team_id	UUID	Second Spectrum ID for the opposing team `"def_team_id": "feb4d380-89ef-11e6-9eb6-a45e60e298d3"`

`game_id`	UUID	Second Spectrum ID for the game `"game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3"`
`num_def_rebound_chances`	Integer	Number of defensive rebound chances while the player is on the court `"num_def_rebound_chances": 10`
`num_def_rebounds`	Integer	Number of defensive rebounds `"num_def_rebounds ": 2`
`num_def_deferred_rebounds`	Integer	Number of defensive deferred rebounds `"num_def_deferred_rebounds": 10`
`num_off_rebound_chances`	Integer	Number of offensive rebound chances while the player is on the court `"num_off_rebound_chances": 10`
`num_off_rebounds`	Integer	Number of offensive rebounds `"num_off_rebounds ": 2`
`num_off_deferred_rebounds`	Integer	Number of offensive deferred rebounds `"num_off_deferred_rebounds": 10`
`num_total_rebound_chances`	Integer	Number of total rebound chances while the player is on the court `"num_total_rebound_chances": 10`
`num_total_rebounds`	Integer	Number of total rebounds `"num_total_rebounds ": 2`
`num_total_deferred_rebounds`	Integer	Number of deferred rebounds `"num_total_deferred_rebounds": 10`
`num_total_rebounds_close`	Integer	Number of total rebounds where an opponent is within 3.5 feet `"num_total_rebounds_close ": 2`
`num_total_rebounds_far`	Integer	Number of total rebounds where no opponent is within 3.5 feet `"num_total_rebounds_far ": 2`
`num_off_rebounds_close`	Integer	Number of offensive rebounds where an opponent is within 3.5 feet `"num_off_rebounds_close ": 2`

num_off_rebounds_far	Integer	Number of offensive rebounds where no opponent is within 3.5 feet `"num_off_rebounds_far ": 2`
num_def_rebounds_clo se	Integer	Number of defensive rebounds where an opponent is within 3.5 feet `"num_def_rebounds_close ": 2`
num_def_rebounds_far	Integer	Number of defensive rebounds where no opponent is within 3.5 feet `"num_def_rebounds_far ": 2`
player_id	UUID	Second Spectrum ID for the player `"player_id": "ff4112c7-89ef-11e6-9397-a45e60e298d3"`
season	Integer	Year of season (by season start) `"season": 2015`
team_id	UUID	Second Spectrum ID for the team of the player `"team_id": "feb4d023-89ef-11e6-9ca7-a45e60e298d3"`

Shots
Name: "shots_agg"
Description: Shooting statistics for every player, for several subcategories of shots
Event Objects:

Field	Type	Description
cj_contested_att	Integer	Number of contested jump shots attempted `cj_contested_att": 9`
cj_contested_made	Integer	Number of contested jump shots made `"cj_contested_made": 1`
cj_contested_tpa	Integer	Number of three-point contested jump shots attempted `"cj_contested_tpa": 6`
cj_contested_tpm	Integer	Number of three-point contested jump shots made `"cj_contested_tpm": 1`
cj_uncontested_att	Integer	Number of uncontested jump shots attempted

		"cj_uncontested_att": 1
cj_uncontested_made	Integer	Number of uncontested jump shots made "cj_uncontested_made": 1
cj_uncontested_tpa	Integer	Number of three-point uncontested jump shots attempted "cj_uncontested_tpa": 1
cj_uncontested_tpm	Integer	Number of three-point uncontested jump shots made "cj_uncontested_tpm": 1
cr_uncontested_att	Integer	Number of uncontested field goals attempted at the rim "cr_uncontested_att": 1
cr_uncontested_made	Integer	Number of uncontested field goals made at the rim "cr_uncontested_made": 1
cr_contested_att	Integer	Number of contested field goals attempted at the rim "cr_contested_att": 1
cr_contested_made	Integer	Number of contested field goals made at the rim "cr_contested_made": 1
cs_att_1015_cs	Integer	Number of catch and shoot field goal attempts from 10-15 ft "cs_att_1015_cs": 1
cs_att_1015_noncs	Integer	Number of non-catch and shoot field goal attempts from 10-15 ft "cs_att_1015_noncs": 1
cs_att_1015_total	Integer	Number of field goal attempts from 10-15 ft "cs_att_1015_total": 1

`cs_att_1522_cs`	Integer	Number of catch and shoot field goal attempts from 15-22 ft `"cs_att_1522_cs": 1`
`cs_att_1522_noncs`	Integer	Number of non-catch and shoot field goal attempts from 15-22 ft `"cs_att_1522_noncs": 1`
`cs_att_1522_total`	Integer	Number of field goal attempts from 15-22 ft `"cs_att_1522_total": 1`
`cs_att_3pt_noncs`	Integer	Number of non-catch and shoot three-point attempts `"cs_att_3pt_noncs": 1`
`cs_att_3pt_total`	Integer	Number of three-point attempts `"cs_att_3pt_total": 1`
`cs_att_total_cs`	Integer	Number of catch and shoot field goal attempts `"cs_att_total_cs": 1`
`cs_att_total_noncs`	Integer	Number of non-catch and shoot field goal attempts `"cs_att_total_noncs": 1`
`cs_att_total_total`	Integer	Number of field goal attempts `"cs_att_total_total": 1`
`cs_made_1015_cs`	Integer	Number of catch and shoot field goal makes from 10-15 ft `"cs_made_1015_cs": 1`
`cs_made_1015_noncs`	Integer	Number of non-catch and shoot field goal makes from 10-15 ft `"cs_made_1015_noncs": 1`
`cs_made_1015_total`	Integer	Number of field goal makes from 10-15 ft `""cs_made_1015_total": 1`

cs_made_1522_cs	Integer	Number of catch and shoot field goal makes from 15-22 ft `"cs_made_1522_cs": 1`
cs_made_1522_noncs	Integer	Number of non-catch and shoot field goal makes from 15-22 ft `"cs_made_1522_noncs": 1`
cs_made_1522_total	Integer	Number of field goal makes from 15-22 ft `"cs_made_1522_total": 1`
cs_made_3pt_cs	Integer	Number of catch and shoot three-point makes `"cs_made_3pt_cs": 1`
cs_made_3pt_noncs	Integer	Number of non-catch and shoot three-point makes `"cs_made_3pt_noncs": 1`
cs_made_3pt_total	Integer	Number of three-point makes `"cs_made_3pt_total": 1`
cs_made_total_cs	Integer	Number of catch and shoot field goal makes `"cs_made_total_cs": 1`
cs_made_total_noncs	Integer	Number of non-catch and shoot field goal makes `"cs_made_total_noncs": 1`
cs_made_total_total	Integer	Number of field goal makes `"cs_made_total_total": 1`
def_team_id	UUID	Second Spectrum ID for the opposing

		team
		`"def_team_id":`
		`"feb4d380-89ef-11e6-9eb6-a45e60e298d3"`

defdist_24_att	Integer	Number of field goal attempts with closest defender proximity of 2-4 ft `"defdist_24_att": 1`
defdist_24_made	Integer	Number of field goal makes with closest defender proximity of 2-4 ft `"defdist_24_made": 1`
defdist_24_tpa	Integer	Number of three-point attempts with closest defender proximity of 2-4 ft `"defdist_24_tpa": 1`
defdist_24_tpm	Integer	Number of three-point makes with closest defender proximity of 2-4 ft `"defdist_24_tpm": 1`
defdist_2_att	Integer	Number of field goal attempts with closest defender proximity of 0-2 ft `"defdist_2_att": 1`
defdist_2_made	Integer	Number of field goal makes with closest defender proximity of 0-2 ft `"defdist_2_made": 1`
defdist_2_tpa	Integer	Number of three-point attempts with closest defender proximity of 0-2 ft `"defdist_2_tpa": 1`
defdist_2_tpm	Integer	Number of three-point makes with closest defender proximity of 0-2 ft `"defdist_2_tpm": 1`
defdist_4p_att	Integer	Number of field goal attempts with closest defender proximity of 4+ ft `"defdist_4p_att": 1`

`defdist_4p_made`	Integer	Number of field goal makes with closest defender proximity of 4+ ft `"defdist_4p_made": 1`
`defdist_4p_tpa`	Integer	Number of three-point attempts with closest defender proximity of 4+ ft `"defdist_4p_tpa": 1`
`defdist_4p_tpm`	Integer	Number of three-point makes with closest defender proximity of 4+ ft `"defdist_4p_tpm": 1`
`dist_0_5_fga`	Integer	Number of field goal attempts from 0-5 ft `"dist_0_5_fga": 2`
`dist_0_5_fgm`	Integer	Number of field goal makes from 0-5 ft `"dist_0_5_fgm": 2`
`dist_10_15_fga`	Integer	Number of field goal attempts from 10-15 ft `"dist_10_15_fga": 2`
`dist_10_15_fgm`	Integer	Number of field goal makes from 10-15 ft `"dist_10_15_fgm": 2`
`dist_15p_fga`	Integer	Number of field goal attempts from 15+ ft (twos only) `"dist_15p_fga": 2`
`dist_15p_fgm`	Integer	Number of field goal makes from 15+ ft (twos only) `"dist_15p_fgm": 2`
`dist_5_10_fga`	Integer	Number of field goal attempts from 5-10 ft `"dist_5_10_fga": 2`
`dist_5_10_fgm`	Integer	Number of field goal makes from 5-10 ft `"dist_5_10_fgm": 2`

dribbles_0_att	Integer	Number of field goal attempts off 0 dribbles `"dribbles_0_att": 2`
dribbles_0_made	Integer	Number of field goal makes off 0 dribbles `"dribbles_0_made": 2`
dribbles_0_tpa	Integer	Number of three-point attempts off 0 dribbles `"dribbles_0_tpa": 2`
dribbles_0_tpm	Integer	Number of three-point makes off 0 dribbles `"dribbles_0_tpm": 2`
dribbles_12_att	Integer	Number of field goal attempts off 1-2 dribbles `"dribbles_12_att": 2`
dribbles_12_made	Integer	Number of field goal makes off 1-2 dribbles `"dribbles_12_made": 2`
dribbles_12_tpa	Integer	Number of three-point attempts off 1-2 dribbles `"dribbles_12_tpa": 2`
dribbles_12_tpm	Integer	Number of three-point makes off 1-2 dribbles `"dribbles_12_tpm": 25`
dribbles_34_att	Integer	Number of field goal attempts off 3-4 dribbles `"dribbles_34_att": 2`
dribbles_34_made	Integer	Number of field goal makes off 3-4 dribbles

		`"dribbles_34_made": 2`
dribbles_34_tpa	Integer	Number of three-point attempts off 3-4 dribbles `"dribbles_34_tpa": 2`
dribbles_34_tpm	Integer	Number of three-point makes off 3-4 dribbles `"dribbles_34_tpm": 2`
dribbles_5_att	Integer	Number of field goal attempts off 5+ dribbles `"dribbles_5_att": 2`
dribbles_5_made	Integer	Number of field goal makes off 5+ dribbles `"dribbles_5_made": 2`
dribbles_5_tpa	Integer	Number of three-point attempts off 5+ dribbles `"dribbles_5_tpa": 2`
dribbles_5_tpm	Integer	Number of three-point makes off 5+ dribbles `"dribbles_5_tpm": 2`
game_id	UUID	Second Spectrum ID for the game `"game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3"`
player_id	UUID	Second Spectrum ID for the player `"player_id": "ff4112c7-89ef-11e6-9397-a45e60e298d3"`
season	Integer	Year of season (by season start) `"season": 2015`

shot_clock_0_6_att	Integer	Number of field goal attempts with 0-6 secs on shot clock `"shot_clock_0_6_att": 5`
shot_clock_0_6_made	Integer	Number of field goal makes with 0-6 secs on shot clock `"shot_clock_0_6_made": 5`
shot_clock_0_6_tpa	Integer	Number of three-point attempts with 0-6 secs on shot clock `"shot_clock_0_6_tpa": 5`
shot_clock_0_6_tpm	Integer	Number of three-point makes with 0-6 secs on shot clock `"shot_clock_0_6_tpm": 5`
shot_clock_12_18_att	Integer	Number of field goal attempts with 12-18 secs on shot clock `"shot_clock_12_18_att": 5`
shot_clock_12_18_made	Integer	Number of field goal makes with 12-18 secs on shot clock `"shot_clock_12_18_made": 5`
shot_clock_12_18_tpa	Integer	Number of three-point attempts with 12-18 secs on shot clock `"shot_clock_12_18_tpa": 5`
shot_clock_12_18_tpm	Integer	Number of three-point makes with 12-18 secs on shot clock `"shot_clock_12_18_tpm": 5`
shot_clock_18_24_att	Integer	Number of field goal attempts with 18-24 secs on shot clock `"shot_clock_18_24_att": 5`

shot_clock_18_24_made	Integer	Number of field goal makes with 18-24 secs on shot clock `"shot_clock_18_24_made": 5`
shot_clock_18_24_tpa	Integer	Number of three-point attempts with 18-24 secs on shot clock `"shot_clock_18_24_tpa": 5`
shot_clock_18_24_tpm	Integer	Number of three-point makes with 18-24 secs on shot clock `"shot_clock_18_24_tpm": 5`
shot_clock_6_12_att	Integer	Number of field goal attempts with 6-12 secs on shot clock `"shot_clock_6_12_att": 5`
shot_clock_6_12_made	Integer	Number of field goal makes with 6-12 secs on shot clock `"shot_clock_6_12_made": 5`
shot_clock_6_12_tpa	Integer	Number of three-point attempts with 6-12 secs on shot clock `"shot_clock_6_12_tpa": 5`
shot_clock_6_12_tpm	Integer	Number of three-point makes with 6-12 secs on shot clock `"shot_clock_6_12_tpm": 5`
shots	Integer	Number of shots (includes shots that are fouled and missed) `"shots": 10`
team_id	UUID	Second Spectrum ID for the team of the player `"team_id": "feb4d023-89ef-11e6-9ca7-a45e60e298d3"`

`three_att`	Integer	Number of three-point attempts `"three_att": 2`
`three_contested_att`	Integer	Number of contested three-point attempts `"three_contested_att": 5`
`three_contested_cs_att`	Integer	Number of contested catch and shoot three-point attempts `"three_contested_cs_att": 5`
`three_contested_cs_made`	Integer	Number of contested catch and shoot three-point makes `"three_contested_cs_made": 5`
`three_contested_made`	Integer	Number of contested three-point makes `"three_contested_made": 5`
`three_contested_noncs_att`	Integer	Number of contested non-catch and shoot three-point attempts `"three_contested_noncs_att": 5`
`three_contested_noncs_made`	Integer	Number of contested non-catch and shoot three-point makes `"three_contested_noncs_made": 5`
`three_cs_att`	Integer	Number of catch and shoot three-point attempts `"three_cs_att": 5`
`three_cs_made`	Integer	Number of catch and shoot three-point makes `"three_cs_made": 5`
`three_made`	Integer	Number of three-point makes `"three_made": 5`

three_noncs_att	Integer	Number of non-catch and shoot three-point attempts `"three_noncs_att": 5`
three_noncs_made	Integer	Number of non-catch and shoot three-point makes `"three_noncs_made": 5`
three_uncontested_att	Integer	Number of uncontested three-point attempts `"three_uncontested_att": 5`
three_uncontested_cs_att	Integer	Number of uncontested catch and shoot three-point attempts `"three_uncontested_cs_att": 5`
three_uncontested_cs_made	Integer	Number of uncontested catch and shoot three-point makes `"three_uncontested_cs_made": 5`
three_uncontested_made	Integer	Number of uncontested three-point makes `"three_uncontested_made": 5`
three_uncontested_noncs_att	Integer	Number of uncontested non-catch and shoot three-point attempts `"three_uncontested_noncs_att": 5`
three_uncontested_noncs_made	Integer	Number of uncontested non-catch and shoot three-point makes `"three_uncontested_noncs_made": 5`
touch_time_24_att	Integer	Number of field goal attempts off a touch of 2-4 secs `"touch_time_24_att": 2`
touch_time_24_made	Integer	Number of field goal makes off a touch of

		2-4 secs `"touch_time_24_made": made`
`touch_time_24_tpa`	Integer	Number of three-point attempts off a touch of 2-4 secs `"touch_time_24_tpa": 2`
`touch_time_24_tpm`	Integer	Number of three-point makes off a touch of 2-4 secs `"touch_time_24_tpm": 2`
`touch_time_4p_att`	Integer	Number of field goal attempts off a touch of 4+ secs `"touch_time_4p_att": 2`
`touch_time_4p_made`	Integer	Number of field goal makes off a touch of 4+ secs `"touch_time_4p_made": 2`
`touch_time_4p_tpa`	Integer	Number of three-point attempts off a touch of 4+ secs `"touch_time_4p_tpa": 2`
`touch_time_4p_tpm`	Integer	Number of three-point makes off a touch of 4+ secs `"touch_time_4p_tpm": 2`
`touch_time_l2_att`	Integer	Number of field goal attempts off a touch of 0-2 secs `"touch_time_l2_att": 2`
`touch_time_l2_made`	Integer	Number of field goal makes off a touch of 0-2 secs `"touch_time_l2_made": 2`
`touch_time_l2_tpa`	Integer	Number of three-point attempts off a touch of 0-2 secs

Field	Type	Description
		`"touch_time_l2_tpa": 2`
touch_time_l2_tpm	Integer	Number of three-point makes off a touch of 0-2 secs `"touch_time_l2_tpm": 2`
tpa	Integer	Number of three-point attempts `"tpa": 5`
tpm	Integer	Number of three-point makes `"tpm": 5`

Speed/Load
Name: "speed_loads_agg"
Description: Speed/Load statistics for every player
Event Objects:

Field	Type	Description
def_distance	Float	Distance run while on defense (miles) `"def_distance": 2.11`
game_id	UUID	Second Spectrum ID for the game `"game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3"`
minutes_played	Float	Number of minutes played `"minutes_played": 2.11`
off_distance	Float	Distance run while on offense (miles) `"off_distance": 2.11`
player_id	UUID	Second Spectrum ID for the player `"player_id": "ff4112c7-89ef-11e6-9397-a45e60e298d3"`
total_avg_spee	Float	Avg. speed of the player (MPH)

		"total_avg_speed": 10.98
d		
total_def_avg_ speed	Float	Avg. speed of the player while on defense (MPH) "total_def_avg_speed": 10.98
total_distance	Float	Total distance run (miles) "total_distance": 2.11
total_off_avg_ speed	Float	Avg. speed of the player while on offense (MPH) "total_off_avg_speed": 10.98

Touches

Name: "touches_agg"
Description: Touches statistics for every player, for several subcategories of touches
Event Objects:

Field	Type	Description
assists	Integer	Number of assists by the player "assists": 1
cl_assists	Integer	Number of assists by the player off close touches "cl_assists": 1
cl_field_goals_att	Integer	Number of field goal attempts by the player off close touches "cl_field_goals_att": 1
cl_field_goals_made	Integer	Number of field goal makes by the player off close touches "cl_field_goals_made": 1
cl_fta	Integer	Number of free throw attempts by the player off close touches "cl_field_goals_att": 1

`cl_ftm`	Integer	Number of free throw makes by the player off close touches `"cl_free_throws_made": 1`
`cl_num_possessions`	Integer	Number of possessions in which the player has a close touch `"cl_num_possessions": 1`
`cl_passes`	Integer	Number of passes made by the player off close touches `"cl_passes": 1`
`cl_points`	Integer	Number of points scored by the player off close touches `"cl_points": 1`
`cl_shooting_fouls`	Integer	Number of shooting fouls drawn by the player off close touches `"cl_shooting_fouls": 1`
`cl_team_points`	Integer	Number of team points scored on possessions in which the player has a close touch `"cl_team_points": 1`
`cl_tpm`	Integer	Number of three point makes by the player off close touches `"cl_tpm": 1`
`cl_tpa`	Integer	Number of three point attempts by the player off close touches `"cl_tpa": 1`
`cl_touches`	Integer	Number of close touches `"cl_touches": 1`
`cl_turnovers`	Integer	Number of turnovers by the player off close touches `"cl_turnovers": 1`

def_team_id	UUID	Second Spectrum ID for the defensive team `"def_team_id": "feb4d380-89ef-11e6-9eb6-a45e60e298d3"`
dribbles	Integer	Number of dribbles by the player `"dribbles": 5`
elb_assists	Integer	Number of assists by the player off elbow touches `"elb_assists": 1`
elb_field_goals_att	Integer	Number of field goal attempts by the player off elbow touches `"elb_field_goals_att": 1`
elb_field_goals_mad e	Integer	Number of field goal makes by the player off elbow touches `"elb_field_goals_made": 1`
elb_fta	Integer	Number of free throw attempts by the player off elbow touches `"elb_field_goals_att": 1`
elb_ftm	Integer	Number of free throw makes by the player off elbow touches `"elb_free_throws_made": 1`
elb_num_possessions	Integer	Number of possessions in which the player has a elbow touch `"elb_num_possessions": 1`
elb_passes	Integer	Number of passes made by the player off elbow touches `"elb_passes": 1`
elb_points	Integer	Number of points scored by the player off elbow touches `"elb_points": 1`

elb_shooting_fouls	Integer	Number of shooting fouls drawn by the player off elbow touches `"elb_shooting_fouls": 1`
elb_team_points	Integer	Number of team points scored on possessions in which the player has an elbow touch `"elb_team_points": 1`
elb_tpm	Integer	Number of three point makes by the player off elbow touches `"elb_tpm": 1`
elb_tpa	Integer	Number of three point attempts by the player off elbow touches `"elb_tpa": 1`
elb_touches	Integer	Number of elbow touches `"elb_touches": 1`
elb_turnovers	Integer	Number of turnovers by the player off elbow touches `"elb_turnovers": 1`
fga	Integer	Number of field goal attempts by the player `"fga": 2`
fgm	Integer	Number of field goal makes by the player `"fga": 2`
fta	Integer	Number of free throw attempts by the player off touches `"fta": 2`
ftm	Integer	Number of free throw makes by the player off touches `"ftm": 2`
game_id	UUID	Second Spectrum ID for the game `"game_id": "14c7b980-89f0-11e6-bb47-a45e60e298d3"`

passes	Integer	Number of passes made by the player off touches `"passes": 10`
player_id	UUID	Second Spectrum ID for the player `"player_id": "ff4112c7-89ef-11e6-9397-a45e60e298d3"`
pnt_assists	Integer	Number of assists by the player off paint touches `"pnt_assists": 1`
pnt_field_goals_att	Integer	Number of field goal attempts by the player off paint touches `"pnt_field_goals_att": 1`
pnt_field_goals_made	Integer	Number of field goal makes by the player off paint touches `"pnt_field_goals_made": 1`
pnt_fta	Integer	Number of free throw attempts by the player off paint touches `"pnt_field_goals_att": 1`
pnt_ftm	Integer	Number of free throw makes by the player off paint touches `"pnt_free_throws_made": 1`
pnt_num_possessions	Integer	Number of possessions in which the player has a paint touch `"pnt_num_possessions": 1`
pnt_passes	Integer	Number of passes made by the player off paint touches `"pnt_passes": 1`
pnt_points	Integer	Number of points scored by the player off paint touches `"pnt_points": 1`

`pnt_shooting_fouls`	Integer	Number of shooting fouls drawn by the player off paint touches `"pnt_shooting_fouls": 1`
`pnt_team_points`	Integer	Number of team points scored on possessions in which the player has a paint touch `"pnt_team_points": 1`
`pnt_tpm`	Integer	Number of three point makes by the player off paint touches `"pnt_tpm": 1`
`pnt_tpa`	Integer	Number of three point attempts by the player off paint touches `"pnt_tpa": 1`
`pnt_touches`	Integer	Number of paint touches `"pnt_touches": 1`
`pnt_turnovers`	Integer	Number of turnovers by the player off paint touches `"pnt_turnovers": 1`
`points`	Integer	Total number of points scored by the player `"points": 10`
`potential_assists`	Integer	Number of potential assists made by the player `"potential_assists": 5`
`season`	Integer	Year of season (by season start) `"season": 2015`
`team_id`	UUID	Second Spectrum ID for the offensive team `"team_id": "feb4d023-89ef-11e6-9ca7-a45e60e298d3"`
`time_of_possession`	Float	Total amount of time the player possesses the ball (s)

		"time_of_possession": 65.43
touches	Integer	Number of touches "touches": 1
front_court_touches	Integer	Number of front court touches "front_court_touches": 1
touches_0_2_seconds	Integer	Number of touches with length 0 to 2 seconds "touches_0_2_seconds": 1
touches_2_4_seconds	Integer	Number of touches with length 2 to 4 seconds "touches_2_4_seconds": 1
touches_4_plus_seconds	Integer	Number of touches with length greater than 4 seconds "touches_4_plus_seconds": 1
touches_0_0_dribbles	Integer	Number of touches with 0 dribbles "touches_0_0_dribbles": 1
touches_1_2_dribbles	Integer	Number of touches with 1 to 2 dribbles "touches_1_2_dribbles": 1
touches_3_5_dribbles	Integer	Number of touches with 3 to 5 dribbles "touches_3_5_dribbles": 1
touches_6_plus_dribbles	Integer	Number of touches with greater than 6 dribbles "touches_6_plus_dribbles": 1
tpm	Integer	Number of three-point makes "tpm": 1
tpa	Integer	Number of three point attempts by the player off touches "tpa": 2