



SportsTV Schedule  
TV & Stream Coverage of Sport Events  
SportsTV API Reference

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Version 1.5

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## History

Version	Description
1.4	Unified team id introduced. Team IDs are unique by the group. This means that team with same name may appear twice if exists in two different groups eg. Premier League, UEFA Qualifications. If this doesn't suite you, use unified team ID instead which is same regardless group. Please note unified that IDs are not interchangeable, use one or the other.
1.5	Added new method <b>tv</b> s that returns list of all chanells grouped by countries.

## Introduction

### General Info

SportsTV API is RESTful API that can be used to get information about available TV and Stream coverage of the large number of sport events (See [Appendix B](#) for list of available sports). All messages are in JSON format.

Client will be provided with IP address or URL of SportsTV API, username and password. All calls to our API would be in the following form:

```
https://provided_url/?method=method
```

Body of all requests are in JSON format and must include provided username and password

```
{  
  "username": string,  
  "password": string,  
  ...  
}
```

All response must include **success** and **message** and **error\_code** in case of a failure

```
{  
  "success": true,  
  "message": "OK",  
  ...  
}  
  
{  
  "success": false,  
  "message": "Unauthorized user",  
  "error_code": 1  
}
```

See [Appendix A](#) for the list of all error codes.

## Dates, Times and timestamps

All dates are in YYYY-MM-DD format.

All times are in HH:MM:SS format.

DateTimes are in UTC format (for example 2015-01-01T20:30:00Z)

Timestamps are Unix timestamp.

## Reference

### Resource: sport

This resource describes sport and has following structure:

```
{
  "code": string,
  "display": string
}
```

Property name	Value	Description
<b>code</b>	String	Sport code that is used as parameter for methods that may require sport as a parameter. (FOOTBALL, BASKETBALL, ...)
<b>display</b>	String	Pretty formatted sport name for display purposes (Football, Basketball, ...) See <a href="#">Appendix B</a> for complete list of available sports.

### Example

```
{
  "code": "ICE_HOCKEY",
  "display": "Ice Hockey"
}
```

### Usage

[Method: Available sports \(availableSports\)](#)

### Resource:country

This resource describes country and has following structure:

```
{
  "id": number,
  "name": string,
  "codeA": string, null
  "codeB": string, null
  "codeC": string null
}
```

Property name	Value	Description
<b>id</b>	Number	Unique id of the country. This property can be used in all API calls that requires country id as a parameters.
<b>name</b>	String	Country name
<b>codeA</b>	String	2 letter code of the country. May be null
<b>codeB</b>	String	2 letter code of the country. May be null
<b>codeC</b>	String	3 digit code of the country. May be null

## Example

```
{
  "id": 14,
  "name": " Australia",
  "codeA": "AU",
  "codeB": "AUS",
  "codeC": "036"
}
```

## Usage

[Method: Available Countries \(availableCountries\)](#)

## Resource:coverage

This resource describes coverage of the event, and has following structure:

```
{
  "id": number,
  "name": string,
  "type": string,
  "countryId": number,
  "country": string,
  "moreTVInfo": string
}
```

Property name	Value	Description
<b>id</b>	Number	Unique id of the tv station or streaming channel.
<b>name</b>	String	Name of the tv station or streaming channel.
<b>type</b>	String	Type of the tv station or streaming channel: Satellite, Cable, Stream, IPTV, DTTV
<b>countryId</b>	Number	The Country id of the tv station. See <a href="#">Resource:country</a> for more details.
<b>country</b>	String	The country name of the tv station.
<b>moreTVInfo</b>	String	Additional info about coverage: simulcast, all day long, only 1st half, only 2nd half, live+15min, geo restriction, only in Russia, not before, ...

## Example

```
{
  "id": 178,
  "name": "RTS 1",
  "type": "Satelite",
  "countryId": 24,
  "country": "Serbia"
  "moreTVInfo": "only 2nd half"
}
```

## Usage

### [Method:events](#)

### Resource:event

This resource describes event and its coverage and has following structure:

```
{
  "id": number,
  "change": String, optional,
  "kickoffTime": string,
  "sportCode": string,
  "sport": string,
  "group": string,
  "competition": string,
  "eventDetail": string,
  "moreInfo": string, null
  "venueCity": string, optional
  "homeId": number, optional
  "unifiedHomeId": number, optional
  "homeName": string, optional
  "awayId": number, optional
  "unifiedAwayId": number, optional
  "awayName": string, optional,
  "coverage": [Resource:coverage]
}
```

Property name	Value	Description
<b>id</b>	Number	Unique id of the event.
<b>change</b>	String	Optional. This property is available with incremental update (timestamp property provided in Method:events). It may have values: create, update, delete. Create means that event is created since given timestamp, update means that event is updated and delete means event is removed.
<b>kickoffTime</b>	String	Kickoff time of the event.
<b>sportCode</b>	String	Sport code. See <a href="#">Resource:sport</a> for more details.
<b>sport</b>	String	Sport name.
<b>group</b>	String	Group name
<b>competition</b>	String	Competition name
<b>eventDetail</b>	String	Additional detail about event, for example: Qualification, Play Offs - 2nd leg (first leg result: 2:3)
<b>moreInfo</b>	String	May be null. More info about the event, for example: Referees: T. Stieler, J. Seidel, C. Gittelmann
<b>venueCity</b>	String	Optional: Location of the event, for example: Stadium Rajko Mitic, Belgrade May be omitted if not known at the time.

<b>homeId</b>	Number	Optional: Unique id of home team by the group. May be omitted if the home team is not known at the time, or when home team is not applicable, for example in Formula 1. Note that same team in different groups have different homeId. If this doesn't suite you, use unifiedHomeId instead.
<b>unifiedHomeId</b>	Number	Optional: Unified id of home team. Unique id of home team regardless group.
<b>homeName</b>	String	Optional. Note that homeId, unifiedHomeId and homeName are present or omitted together.
<b>awayId</b>	Number	Optional: Unique id of away team by the group. May be omitted if the away team is not known at the time, or when away team is not applicable, for example in Formula 1. Note that same team in different groups have different awayId. If this doesn't suite you, use unifiedAwayId instead.
<b>unifiedAwayId</b>	Number	Optional: Unified id of away team. Unique id of away team regardless group.
<b>coverage</b>	Array of <a href="#">Resource:coverage</a>	List of coverage for the event

### Example

```
{
  "id": 1,
  "kickoffTime": "2017-03-15T20:30:00Z",
  "sportCode": "BASKETBALL",
  "sport": "Basketball",
  "group": "Europe",
  "competition": "ULEB Euroleague",
  "eventDetail": "Play Offs, quarter final - 4th leg (home team leads series 2:1)",
  "moreInfo": "Referees:D. Hierrezuelo, B. Ryzhyk, O. Latisevs",
  "venueCity": "Kombank Arena, Belgrade",
  "homeId": 1024,
  "homeName": "Crvena zvezda",
  "awayId": 23301,
  "awayName": "CSKA",
  "coverage": [
    {
      "id": 14,
      "name": "SportKlub 1 Serbia",
      "type": "Satellite",
      "countryId": 24,
      "country": "Serbia",
    },
    {
      "id": 15,
      "name": "Laola.tv",
      "type": "Stream",
    }
  ]
}
```



```
    "countryId": 45,
    "country": "International",
    "moreTVInfo": "geo restriction"
  }
]
}
```

## Usage

[Method:events](#)

## Resource: tv (NEW)

This resource describes tv station and has following structure:

```
{
  "country_id": number,
  "country": string,
  "tv_id": number,
  "type": string
}
```

Property name	Value	Description
country_id	Number	Unique id of the country.
country	String	Country name
tv_id	Number	Unique id of the tv station
type	String	TV station type

## Example

```
{
  "country_id": 236,
  "country": "USA",
  "tv_id": 1323,
  "name": "GOL TV",
  "type": "Satelite"
}
```

## Usage

[Method:tv](#)

## Method: Available sports (availableSports)

This method returns all available sport regardless of events availability on tv coverage in the moment of the request.

Method	HTTP request	Description
<b>availableSports</b>	POST	Gets all available sports

### HTTP Request

[https://provided\\_url/?method=availableSports](https://provided_url/?method=availableSports)

### Request Body Structure

```
{
  "username": string,
  "password": string
}
```

Property name	Value	Description
<b>useraneme</b>	String	Provided username
<b>password</b>	String	Provided password

### Example

```
{
  "username": "demo",
  "password": "password"
}
```

### Response Structure

```
{
  "success": boolean,
  "message": string,
  "sports": [Resource:sport]
}
```

Property name	Value	Description
<b>success</b>	Boolean	API call returned with a success
<b>message</b>	String	"OK" or error message
<b>sports</b>	Array of <a href="#">Resource:sport</a>	Array of available sports.

## Example

```
{
  "success": true,
  "message": "OK",
  "sports": [
    {
      "code": "FOOTBALL",
      "display": "Football"
    },
    {
      "code": "BASKETBALL",
      "display": "Basketball"
    },
    ...
  ]
}
```

Property **code** can be used in all subsequent API calls that may require sportCode parameter.

## Method: Available Countries (availableCountries)

This method returns all available countries regardless of events availability on tv coverage in the moment of the request.

Method	HTTP request	Description
<b>availableCountries</b>	POST	Gets all available countries

## HTTP Request

[https://provided\\_url/?method=availableCountries](https://provided_url/?method=availableCountries)

## Request Body Structure

```
{
  "username": string,
  "password": string
}
```

Property name	Value	Description
<b>useraneme</b>	String	Provided username
<b>password</b>	String	Provided password

## Example

```
{
  "username": "demo",
  "password": "password"
}
```

## Response Structure

```
{
  "success": boolean,
  "message": string,
  "countries": [Resource:country]
}
```

Property name	Value	Description
<b>success</b>	Boolean	API call returned with a success
<b>message</b>	String	"OK" or error message
<b>sports</b>	Array of <a href="#">Resource:country</a>	Array of available countries.

## Example

```
{
  "success": true,
  "message": "OK",
  "countries": [
    {
      "id": 14,
      "name": "Australia",
      "codeA": "AU",
      "codeB": "AUS",
      "codeC": "036"
    },
    {
      "id": 15,
      "name": "Austria",
      "codeA": "AT",
      "codeB": "AUT",
      "codeC": "040"
    },
    ...
  ]
}
```

## Method:events

This method returns all available future sports event tv and stream coverage.

Method	HTTP request	Description
events	POST	Gets all available events and its coverage

### HTTP Request

`https://provided_url/?method=events`

### Request Body Structure

```
{
  "username": string,
  "password": string,
  "sportCode": string, optional
  "countryId": number, optional
  "date": string, optional
  "timestamp": string, optional
}
```

Property name	Value	Description
<b>useraneme</b>	String	Provided username
<b>password</b>	String	Provided password
<b>sportCode</b>	String	Optional. One of the sport codes returned by availableSports method.
<b>countryId</b>	Number	Optional. One of the country ids returned by availableCountries method. Please note that response will have all tv station listed regardless the country, but one of them must be from given country.
<b>date</b>	String	Optional. For one day only on given date.
<b>timestamp</b>	String	Optional. Unix timestamp. If provided, method will return all changes in coverages since given timestamp. This property is used to implement incremental update that reducec network traffic. If omitted, method will return all coverages. Note: Keep in mind that other filter may apply based on other properties.

### Example

```
{
  "username": "demo",
  "password": "password",
  "sportCode": "FOOTBALL",
  "countryId": 14
}
```

## Response Structure

```
{
  "success": boolean,
  "message": string,
  "timestamp": string,
  "events": [Resource:event]
}
```

Property name	Value	Description
<b>success</b>	Boolean	API call returned with a success
<b>message</b>	String	"OK" or error message
<b>timestamp</b>	String	Unix timestamp of the response. This property can be used in subsequent calls to <a href="#">method:events</a> in order to implement incremental update.
<b>events</b>	Array of <a href="#">Resource:event</a>	Array of events and its coverage.

## Example

```
{
  "success": true,
  "message": "OK",
  "timestamp": "1420070400",
  "events": [
    {
      "id": 2,
      "change": "create",
      "kickoffTime": "2017-09-20T20:00:00Z",
      "sportCode": "FOOTBALL",
      "sport": "Football",
      "group": "France",
      "competition": "Ligue 1",
      "eventDetail": "Round 6",
      "moreInfo": "Referees: J. Hamel, T. Philippe, Y.Boutry",
      "venueCity": "Stade Louis II, Monaco",
      "homeId": 1026,
      "homeName": "Monaco",
      "awayId": 23305,
      "awayName": "Strasbourg",
      "coverage": [
        {
          "id": 19,
          "name": "beIN Sport 1",
          "type": "Satellite",
          "countryId": 26,
          "country": "France",
          "moreTVInfo": "simulcast"
        },
        {
          "id": 11,
          "name": "SportKlub 4 Slovenia",
          "type": "cable",
          "countryId": 10,

```

```

        "country": "Slovenia"
        "moreTVInfo": "live +15min"
    }
]
},
{
    "id": 3,
    "change": "create",
    "kickoffTime": "2017-06-11T11:30:00Z",
    "sportCode": "TENNIS"
    "sport": "Tennis",
    "group": "ATP/WTA",
    "competition": "Wimbledon",
    "eventDetail": "Day 1",
    "moreInfo": "Court: Grass",
    "coverage":[
        {
            "id": 55,
            "name": "TSN 2 ",
            "type": "IPTV",
            "countryId": 34,
            "country": "Canada",
            "moreTVInfo": "all day long"
        },
        {
            "id": 12,
            "name": "Prime Tel",
            "type": " DTTV ",
            "countryId": 20,
            "country": "Cyprus",
        }
    ]
}
]
}
}

```

## Method: tvs (new)

This method returns list of tv station

Method	HTTP request	Description
<b>tvs</b>	POST	Gets all tv stations

### HTTP Request

`https://provided_url/?method=tvs`

### Request Body Structure

```
{
  "username": string,
  "password": string,
  "countryId": number, optional
}
```

Property name	Value	Description
<b>useraneme</b>	String	Provided username
<b>password</b>	String	Provided password
<b>countryId</b>	Number	Optional. One of the country ids returned by availableCountries method. Please note that response will have all tv station listed regardless the country, but one of them must be from given country.

### Example

```
{
  "username": "demo",
  "password": "password",
  "countryId": 14
}
```

### Response Structure

```
{
  "success": boolean,
  "message": string,
  "tvs": [Resource:tv]
}
```

Property name	Value	Description
<b>success</b>	Boolean	API call returned with a success
<b>message</b>	String	"OK" or error message
<b>tvs</b>	Array of <a href="#">Resource:tv</a>	Array of events and its coverage.



**Example:**

```
{
  "success": true,
  "message": "OK",
  "tvs": [{
    "country_id": 236,
    "country": "USA",
    "tv_id": 1323,
    "name": "GOL TV",
    "type": "Satelite"
  },
  {
    "country_id": 236,
    "country": "USA",
    "tv_id": 1324,
    "name": "AFN Sports 1",
    "type": "Satelite"
  }
}
```

## Appendix A: Error codes

Error code	Message	Description
<b>1</b>	Unauthorized user	Provided username and password are not in the system.
<b>2</b>	Subscription expired	User is known by its username and password, but subscription has been expired.
<b>3</b>	Forbidden access	API has been referenced from unknown IP address
<b>10</b>	Missing parameters	API call without minimum required parameters
<b>100</b>	Unknown or missing method	API call without method name or with unknown method name.
<b>500</b>	System error	Unexpected error

## Appendix B: Available sports

- Football
- Basketball
- Tennis
- Ice hockey
- Handball
- Volleyball
- American football
- Rugby union
- Waterpolo
- Motorsport