

# API Demo Tools

- [What are Demo Tools?](#)
- [Obtaining a Session Token for the Demo Tools](#)
  - [Using the pre-populated session token from the website](#)
  - [Manually adding the ssoid \(session token\) from the website cookie](#)
  - [Login using the API Endpoint login request](#)
- [Examples of Demo Tools Usage](#)
  - [Please note](#)

## What are Demo Tools?

Demo tools are available for the Betfair Exchange API for both the [Betting](#) and [Accounts](#) API. The Demo Tools can be used by developers to allow quick experimentation and interaction with the **production API system**.

**Betting API Demo tool** - <https://docs.developer.betfair.com/visualisers/api-ng-sports-operations/>

**Accounts API Demo tool** - <https://docs.developer.betfair.com/visualisers/api-ng-account-operations/>

## Why Use Demo Tools?



- All existing API operations are available
- **Easily experiment** with the parameters for your API queries.
- **Build sample requests** and interact with the API directly requests and responses are output to the JavaScript debug console.

For example, using Google Chrome, you can open the Javascript console using the **shortcut Ctrl+Shift+J** to display output as below. The same shortcut can also be used with Mozilla Firefox.

```
Request data: Controller.js? dc=1534412291985:82
[{"jsonrpc": "2.0", "method": "SportsAPIING/v1.0/listEventTypes", "params": {"filter": {}}, "id": 1}]

Response truncated to 4,000 chars: Controller.js? dc=1534412291985:85
[{"jsonrpc": "2.0", "result": [{"eventType": {"id": "1", "name": "Soccer"}, "marketCount": 17744}, {"eventType": {"id": "2", "name": "Tennis"}, "marketCount": 1958}, {"eventType": {"id": "3", "name": "Golf"}, "marketCount": 71}, {"eventType": {"id": "4", "name": "Cricket"}, "marketCount": 301}, {"eventType": {"id": "1477", "name": "Rugby League"}, "marketCount": 130}, {"eventType": {"id": "5", "name": "Rugby Union"}, "marketCount": 74}, {"eventType": {"id": "6", "name": "Boxing"}, "marketCount": 39}, {"eventType": {"id": "7", "name": "Horse Racing"}, "marketCount": 1133}, {"eventType": {"id": "8", "name": "Motor Sport"}, "marketCount": 25}, {"eventType": {"id": "27454571", "name": "Esports"}, "marketCount": 69}, {"eventType": {"id": "10", "name": "Special Bets"}, "marketCount": 13}, {"eventType": {"id": "998917", "name": "Volleyball"}, "marketCount": 48}, {"eventType": {"id": "11", "name": "Cycling"}, "marketCount": 2}, {"eventType": {"id": "12", "name": "Badminton"}, "marketCount": 1}, {"eventType": {"id": "13", "name": "Table Tennis"}, "marketCount": 1}, {"eventType": {"id": "14", "name": "Darts"}, "marketCount": 1}, {"eventType": {"id": "15", "name": "Snooker"}, "marketCount": 1}, {"eventType": {"id": "16", "name": "Pool"}, "marketCount": 1}, {"eventType": {"id": "17", "name": "Bowling"}, "marketCount": 1}, {"eventType": {"id": "18", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "19", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "20", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "21", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "22", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "23", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "24", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "25", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "26", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "27", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "28", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "29", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "30", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "31", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "32", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "33", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "34", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "35", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "36", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "37", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "38", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "39", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "40", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "41", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "42", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "43", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "44", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "45", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "46", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "47", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "48", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "49", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "50", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "51", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "52", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "53", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "54", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "55", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "56", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "57", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "58", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "59", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "60", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "61", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "62", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "63", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "64", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "65", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "66", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "67", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "68", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "69", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "70", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "71", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "72", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "73", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "74", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "75", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "76", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "77", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "78", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "79", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "80", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "81", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "82", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "83", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "84", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "85", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "86", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "87", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "88", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "89", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "90", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "91", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "92", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "93", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "94", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "95", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "96", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "97", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "98", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "99", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "100", "name": "American Football"}, "marketCount": 1}]]]
```

**Please note that the Demo Tools are provided as-is, and are intended solely as a testing resource**

## Obtaining a Session Token for the Demo Tools

There are several ways that you can obtain a session token for the visualiser:

### Using the pre-populated session token from the website

The Demo Tools will populate the session token field with the value of a session token found in your browsers cookie store for the Betfair.com website. Login to [www.betfair.com](http://www.betfair.com) (via a separate browser tab) and refresh the demo tools page to automatically input the Session Token field

### Manually adding the ssoid (session token) from the website cookie

Using Google Chrome you can inspect and copy the session directly from the browser by doing the following:

1. Press Ctrl+Shift+J
2. Select Application > Cookies > [www.betfair.com](http://www.betfair.com) or [www.betfair.com.au](http://www.betfair.com.au)
3. Copy the Value for the cookie with name **ssoid** and paste this into the Demo Tool

### Login using the API Endpoint login request

Make a POST request using a tool such as [Postman](#) following the instructions via [Interactive Login - API Endpoint](#)

## Examples of Demo Tools Usage

Please see some example of how to use the Demo tools in the steps below:

### 1. Request All eventTypes using listEventTypes

| Id       | EventType          | Market Count |
|----------|--------------------|--------------|
| 1        | Soccer             | 18004        |
| 2        | Tennis             | 1715         |
| 7        | Horse Racing       | 1332         |
| 4329     | Greyhound Racing   | 592          |
| 61420    | Australian Rules   | 151          |
| 1477     | Rugby League       | 125          |
| 7522     | Basketball         | 116          |
| 5        | Rugby Union        | 107          |
| 4        | Cricket            | 93           |
| 26420287 | Mixed Martial Arts | 85           |
| 2378961  | Politics           | 85           |
| 27454571 | Esports            | 69           |
| 3        | GalF               | 54           |
| 6        | Boxing             | 53           |
| 2152080  | Caotic Games       | 49           |
| 468328   | Handball           | 35           |
| 7511     | Baseball           | 27           |
| 996917   | Volleyball         | 26           |
| 6423     | American Football  | 20           |
| 6231     | Financial Bets     | 19           |
| 8        | Motor Sport        | 15           |
| 11       | Cycling            | 13           |
| 606611   | Netball            | 7            |
| 7524     | Ice Hockey         | 6            |
| 10       | Special Bets       | 4            |
| 72382    | Pool               | 4            |
| 3503     | Darts              | 1            |
| 6422     | Snooker            | 1            |
| 3988     | Athletics          | 1            |

### 2. Request all events for EventTypeId 1 (Soccer)

| Id       | Event                               | Country code  | Timezone      | Open Date                                    | Market Count |
|----------|-------------------------------------|---------------|---------------|--|--------------|
| 28696124 | Chelsea v Man Utd                   | GB            | Europe/London | Sat May 19 2018 17:30:00 GMT+0100 (GMT D...  | 100          |
| 28717455 | Notts Co v Coventry                 | GB            | Europe/London | Fri May 18 2018 19:45:00 GMT+0100 (GMT Da... | 69           |
| 28717971 | Villarreal v Real Madrid            | ES            | Europe/London | Sat May 19 2018 19:45:00 GMT+0100 (GMT D...  | 67           |
| 28722665 | Bayern Munich v Eintracht Frankfurt | DE            | Europe/London | Sat May 20 2018 19:00:00 GMT+0100 (GMT D...  | 64           |
| 28717969 | Barcelona v Sociedad                | ES            | Europe/London | Sun May 20 2018 19:45:00 GMT+0100 (GMT D...  | 58           |
| 28717970 | Athletic Madrid v Eibar             | ES            | Europe/London | Sun May 20 2018 17:30:00 GMT+0100 (GMT D...  | 53           |
| 28717979 | Leganes v Betis                     | ES            | Europe/London | Sat May 19 2018 15:00:00 GMT+0100 (GMT D...  | 44           |
| 28717981 | Valencia v Deportivo                | ES            | Europe/London | Sun May 20 2018 11:00:00 GMT+0100 (GMT D...  | 44           |
| 28717980 | Sevilla v Alaves                    | ES            | Europe/London | Sat May 19 2018 17:30:00 GMT+0100 (GMT D...  | 44           |
| 28717982 | Las Palmas v Girona                 | ES            | Europe/London | Sat May 19 2018 17:30:00 GMT+0100 (GMT D...  | 44           |
| 28717977 | Celta Vigo v Levante                | ES            | Europe/London | Sat May 19 2018 12:00:00 GMT+0100 (GMT D...  | 44           |
| 28717976 | Malaga v Getafe                     | ES            | Europe/London | Sat May 19 2018 17:30:00 GMT+0100 (GMT D...  | 44           |
| 28717978 | Athletic Bilbao v Espanyol          | ES            | Europe/London | Sun May 20 2018 15:15:00 GMT+0100 (GMT D...  | 44           |
| 28722972 | New York City v Colorado            | US            | Europe/London | Sat May 19 2018 18:00:00 GMT+0100 (GMT D...  | 43           |
| 28722970 | Portland Timbers v Los Angeles FC   | US            | Europe/London | Sat May 19 2018 20:00:00 GMT+0100 (GMT D...  | 43           |
| 28717788 | Nantes v Strasbourg                 | FR            | Europe/London | Sat May 19 2018 20:00:00 GMT+0100 (GMT D...  | 42           |
| 28717993 | Genoa v Torino                      | IT            | Europe/London | Sun May 20 2018 14:00:00 GMT+0100 (GMT D...  | 42           |
| 28717885 | Udinese v Bologna                   | IT            | Europe/London | Sun May 20 2018 17:00:00 GMT+0100 (GMT D...  | 42           |
| 28713884 | SPAL v Sampdoria                    | IT            | Europe/London | Sun May 20 2018 17:00:00 GMT+0100 (GMT D...  | 42           |
| 28732326 | Jordan v Cyprus                     | Europe/London | Europe/London | Sun May 20 2018 21:00:00 GMT+0100 (GMT D...  | 42           |
| 28717987 | Napoli v Crotone                    | IT            | Europe/London | Sun May 20 2018 17:00:00 GMT+0100 (GMT D...  | 42           |
| 28717986 | Sassuolo v Roma                     | IT            | Europe/London | Sat May 19 2018 19:45:00 GMT+0100 (GMT D...  | 42           |
| 28720098 | Dijon v Angers                      | FR            | Europe/London | Sat May 19 2018 20:00:00 GMT+0100 (GMT D...  | 42           |
| 28717990 | Chievo v Benevento                  | IT            | Europe/London | Sun May 20 2018 17:00:00 GMT+0100 (GMT D...  | 42           |
| 28717782 | Caen v Paris St-G                   | FR            | Europe/London | Sat May 19 2018 20:00:00 GMT+0100 (GMT D...  | 42           |
| 28717781 | ESTAC Troyes v Monaco               | FR            | Europe/London | Sat May 19 2018 20:00:00 GMT+0100 (GMT D...  | 42           |
| 28717790 | Toulouse v Guingamp                 | FR            | Europe/London | Sat May 19 2018 20:00:00 GMT+0100 (GMT D...  | 42           |
| 28717992 | AC Milan v Fiorentina               | IT            | Europe/London | Sun May 20 2018 17:00:00 GMT+0100 (GMT D...  | 42           |

### 3. Request all markets for a specific eventId using listMarketCatalogue

**Request**

Market Filter:

Text Query:

Exchange Ids:

Event Type Ids:

Event Ids: 28717981

Competition Ids:

Market Ids:

Venues:

BSP only:

Turn inplay enabled:

Inplay:

Betting types:  Odds  AH single  AH double  Line

Countries:

Market types:

Starts after:

Starts before:

With order statuses:  Execution Complete  Executable

Max Results: 200

Additional Data:

- COMPETITION
- EVENT
- EVENT\_TYPE
- MARKET\_DESCRIPTION
- RUNNER\_DESCRIPTION
- RUNNER\_METADATA
- MARKET\_START\_TIME

Market Sort:

Locale:

Reset    Execute

**Market Catalogue (44)**

| Market Id   | Market Name                        | Total Matched |
|-------------|------------------------------------|---------------|
| 1.143608651 | First Half Goals 1.5               | 0             |
| 1.143608652 | Next Goal                          | 0             |
| 1.143608649 | First Half Goals 0.5               | 0             |
| 1.143608650 | Over/Under 0.5 Goals               | 6             |
| 1.143608656 | Correct Score                      | 0             |
| 1.143608657 | Over/Under 2.5 Goals               | 24.04         |
| 1.143608653 | Over/Under 6.5 Goals               | 0.08          |
| 1.143608654 | Half Time                          | 0             |
| 1.143608655 | Over/Under 5.5 Goals               | 0.04          |
| 1.143608647 | Odd or Even                        | 0             |
| 1.143608648 | Double Chance                      | 0             |
| 1.143608668 | Sending Off?                       | 0             |
| 1.143608669 | Valencia Total Goals               | 0             |
| 1.143608666 | Penalty Taken?                     | 0             |
| 1.143608667 | Hat-trick Score?                   | 0             |
| 1.143608660 | Half Time/Full Time                | 0             |
| 1.143608661 | Over/Under 1.5 Goals               | 0.02          |
| 1.143608589 | Over/Under 3.5 Goals               | 359.44        |
| 1.143608658 | Over/Under 4.5 Goals               | 11.82         |
| 1.143608590 | Asian Handicap                     | 15.18         |
| 1.143608659 | Half Time Score                    | 0             |
| 1.143608664 | Deportivo Win Both Halves          | 0             |
| 1.143608665 | Deportivo Clean Sheet              | 0             |
| 1.143608662 | Valencia win both halves           | 0             |
| 1.143608663 | Valencia Clean Sheet               | 0             |
| 1.143608677 | Deportivo Total Goals              | 0             |
| 1.143608654 | Over/Under 8.5 Goals               | 0             |
| 1.143608625 | First Half Goals 2.5               | 0             |
| 1.143608632 | Deportivo win to nil               | 0             |
| 1.143608633 | Over/Under 7.5 Goals               | 0             |
| 1.143608638 | Match Odds                         | 370.88        |
| 1.143608639 | Total Goals                        | 0             |
| 1.143608636 | Both teams to Score?               | 0             |
| 1.143608637 | Time Of First Goal                 | 0             |
| 1.143608626 | Valencia +1                        | 0             |
| 1.143608694 | Match Odds and Both teams to Score | 0             |
| 1.143608695 | Goal Lines                         | 0             |
| 1.143608627 | Deportivo +1                       | 0             |
| 1.143608624 | Draw no Bet                        | 0             |
| 1.143608625 | Valencia +2                        | 0             |
| 1.143608630 | Deportivo +3                       | 0             |

**4. Request prices for a specific marketId (EX\_BEST\_OFFERS & EX\_TRADED) using listMarketBook - Please note: click on the '?' under Market Book on the right hand side to reveal the Market Details pop up.**

**Request**

Market Ids: 1.143608651

Price Projection

Price Data:

- SP\_AVAILABLE
- SP\_TRADED
- EX\_BEST\_OFFERS
- EX\_ALL\_OFFERS
- EX\_TRADED

Virtualise Ex Offers:  Yes

Exchange Best Offers Overrides:

Order Projection:

Match Projection:

Include Overall Position:

Partition Matched By Strategy Ref:

Customer Strategy Refs:

Currency Code:

Locale:

**Market Book (1)**

Market Id: 1.143608651

Is Data Delayed: No

**Market Book**

**Market Details**

Market id: 1.143608651    No. of winners: 1    Cross matching: No

Data delayed: No    No. of runners: 2    Runners voidable: No

Status: OPEN    No. of active runners: 2    Version: 2227505861

Bet delay: 0    Last match time:    Key Line Description:

BSP reconciled: No    Total matched: 0

Complete: Yes    Total available: 33.31

Inplay: No

**Runners**

| Selection id | Handicap | Status | Last price traded | Total matched | Removal date | Adjustment factor |
|--------------|----------|--------|-------------------|---------------|--------------|-------------------|
| 1221385      | 0        | ACTIVE |                   | 0             |              |                   |
| 1221386      | 0        | ACTIVE |                   | 0             |              |                   |

**Prices**

**Exchange Prices**

| Available to back |      | Available to lay |      | Traded volume |      |
|-------------------|------|------------------|------|---------------|------|
| Price             | Size | Price            | Size | Price         | Size |
| 1.4               | 6.23 | 3.15             | 6.23 |               |      |
| 1.01              | 2    | 1000             | 2.2  |               |      |

**Orders**

| Bet id | Order | Status | Side | Price | Size | Persist | BSP Li. | Placed | Avera. | Size M. | Size R. | Size L. | Size C. | Size V. | Custo. | Custo. |
|--------|-------|--------|------|-------|------|---------|---------|--------|--------|---------|---------|---------|---------|---------|--------|--------|
|        |       |        |      |       |      |         |         |        |        |         |         |         |         |         |        |        |

**Matches**

| Bet id | Match Id | Side | Price | Match Date | Size |
|--------|----------|------|-------|------------|------|
|        |          |      |       |            |      |

Close

### Please note

The Demo Tools are provided as-is, and is intended solely as a testing resource.

The demo tools interact directly with the Betfair API production system and not a testbed/sandbox environment.