

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=153441222
[{"jsonrpc": "2.0", "method": "SportsAPING/v1.0/listEventTypes", "params": {"filter": {}}, "id": 1}]

Response truncated to 4,000 chars: Controller.js? dc=153441222
[{"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": "Futsal"}, "marketCount": 1}, {"eventType": {"id": "19", "name": "Handball"}, "marketCount": 1}, {"eventType": {"id": "20", "name": "Ice Hockey"}, "marketCount": 1}, {"eventType": {"id": "21", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "22", "name": "American Football"}, "marketCount": 1}, {"eventType": {"id": "23", "name": "Basketball"}, "marketCount": 1}, {"eventType": {"id": "24", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "25", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "26", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "27", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "28", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "29", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "30", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "31", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "32", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "33", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "34", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "35", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "36", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "37", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "38", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "39", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "40", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "41", "name": "Baseball"}, "marketCount": 1}, {"eventType": {"id": "42", "name": 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```



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 (betfair.it/betfair.es) (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/au/it/es
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

The screenshot shows a demo tool interface with a 'Request' panel on the left and a table of 'EventTypes (29)' on the right. The 'Request' panel includes fields for Text Query, Exchange Ids, Event Type Ids, Event Ids, Competition Ids, Market Ids, Venues, BSP only, Turn inplay enabled, Inplay, Betting types, Countries, Market types, Starts after, Starts before, and With order statuses. The 'EventTypes (29)' table lists various sports and their market counts.

Id	EventType	Market Count
1	Soccer	18004
2	Tennis	1715
7	Horse Racing	1332
4339	Greyhound Racing	592
61420	Australian Rules	151
1477	Rugby League	135
7522	Basketball	116
5	Rugby Union	107
4	Cricket	93
26420387	Mixed Martial Arts	85
2378961	Politics	85
27454571	Esports	69
3	Golf	54
6	Boxing	53
2152880	Gaelic Games	49
468328	Handball	35
7511	Baseball	27
998917	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)

The screenshot shows a demo tool interface with a 'Request' panel on the left and a table of 'Events (928)' on the right. The 'Request' panel includes fields for Text Query, Exchange Ids, Event Type Ids (set to 1), Event Ids, Competition Ids, Market Ids, Venues, BSP only, Turn inplay enabled, Inplay, Betting types, Countries, Market types, Starts after, Starts before, and With order statuses. The 'Events (928)' table lists various soccer events with their details.

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 D...	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 19 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	Athletico 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 15:15:00 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	Hadiga v Galatie	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 20:00:00 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 20 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
28717985	Udinese v Bologna	IT	Europe/London	Sun May 20 2018 17:00:00 GMT+0100 (GMT D...	42
28717984	SPAL v Sampdoria	IT	Europe/London	Sun May 20 2018 17:00:00 GMT+0100 (GMT D...	42
28722336	Jordan v Cyprus	Europe/London	Europe/London	Sun May 20 2018 17:00:00 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	Sun May 20 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:

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 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
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

Please note

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