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Understanding Market Navigation



Recreating Website Navigation?

Please note: if you want to recreate the exact navigation hierarchy used by the Betfair website, please use the [Navigation Data for Applications](#) service.

In the Betfair Exchange API, navigating markets uses the concepts of faceted search. You've probably seen faceted search used on sites like eBay or Amazon where you pick a category, for example "Shoes" and then you see a list of shoes. Then, you can narrow your search by facets. For example, by colour or price. In a similar way, Betting API lets you find markets you're interested in and then get data back about a facet of those markets.

Using the set of navigation operations, you can easily create a menu tree of markets in whatever hierarchy you want. You can call `listEventTypes` to get the Sports as the top of your menu. Or, you could call "listCountries" and use markets in a country as the root of the tree.

There is also [listMarketCatalogue](#) so if you didn't care about creating a visual navigation, you could simply call [listMarketCatalogue](#) with a [MarketFilter](#) defining the markets you're interested in and get back information about those markets.

Betfair Price Increments

Below is a list of price increments per price 'group'. Placing a bet outside of these increments will result in an INVALID_ODDS error.

The Betfair Price increment used for a market is defined by the **PriceLadderType** returned within the Market Description ([listMarketCatalogue](#) / Market Definition ([Exchange Stream API](#))).

CLASSIC

Price	Increment
1.01 2	0.01
2 3	0.02
3 4	0.05
4 6	0.1
6 10	0.2
10 20	0.5
20 30	1
30 50	2
50 100	5
100 1000	10

FINEST

Price	Increment
1.01 1000	0.01

LINE_RANGE

Price	Increment (Interval)
0.1 1000	Specified by Market Line Range Info

Common Error Codes

Meaning	FaultCode	Client /Server	Associated HTTP Transport Response Code	Comments
DSC-0008	JSONDeserialisationParseFailure	Client	400	
DSC-0009	ClassConversionFailure	Client	400	Invalid format for the parameter, for example, passing a string where a number was expected. Can also happen when a value is passed that does not match any valid enum.
DSC-0015	SecurityException	Client	403	The credentials supplied in the request were invalid
DSC-0018	MandatoryNotDefined	Client	400	A parameter marked as mandatory was not provided
DSC-0019	Timeout	Server	504	The request has timed out
DSC-0021	NoSuchOperation	Client	404	The operation specified does not exist
DSC-0023	NoSuchService	Client	404	
DSC-0024	RescriptDeserialisationFailure	Client	400	Exception during deserialization of RESCRIPT request
DSC-0034	UnknownCaller	Client	400	A valid and active App Key hasn't been provided in the request. Please check that your App Key is active. Please see Application Keys for further information regarding App Keys.
DSC-0035	UnrecognisedCredentials	Client	400	
DSC-0036	InvalidCredentials	Client	400	
DSC-0037	SubscriptionRequired	Client	403	The user is not subscribed to the App Key provided
DSC-0038	OperationForbidden	Client	403	The App Key sent with the request is not permitted to access the operation

Currency Parameters

Guide to available currencies and minimum bet sizes.



Minimum BSP Liability - relates to LIMIT_ON_CLOSE & MARKET_ON_CLOSE Betfair Starting price (BSP) bets.

Minimum Bet Payout - relates to the [Ability to place lower minimum stakes at larger prices](#) feature.

Currency name	Symbol	Currency Code	Min Bet Size	Min Deposit Size	Minimum BSP Liability	Minimum Bet Payout
UK Sterling	£	GBP	1	10	10	10
Euro	€	EUR	1	15	10	20
US Dollar	US\$	USD	1	15	20	20

Hong Kong Dollars	HK\$	HKD	10	150	125	125
Australian Dollar	AUD	AUD	5	30	30	30
Canadian Dollar	CAD	CAD	2	25	30	30
Danish Kroner	DKK	DKK	15	150	150	150
Norwegian Kronor	NOK	NOK	10	150	150	150
Swedish Krona	SEK	SEK	15	150	150	150
Singapore Dollar	SGD	SGD	2	30	30	30
Romanian Leu	RON	RON	5	25 (Paysafe) 40 (Card)	50	50
Brazilian Real	R\$	BRL	5	40	50	50
Mexican Peso	MXN	MXN	30	50	300	300
Nuevo Sol	PEN	PEN	5	50	50	50
Hungary Forint	HUF	HUF	400	25	4000	4000
Iceland Kron	ISK	ISK	350	25	1750	1750
New Zealand Dollars	NZD	NZD	2	25	10	10
Argentine Peso	ARS	ARS	100	50	500	500
Lari	GEL	GEL	10	50	50	50

Locale Specification

The locale specification determines the language returned for names of sports and markets. It is an optional parameter you can specify when you want to retrieve names in a language that differs from the language specified for the account. For example, if the account language is specified as English, you can use the locale parameter to retrieve non-English sports or market names.

The following languages are available, but please be aware not all markets in all languages are fully translated:

Language	Locale Code
English	en
Danish	da
Swedish	sv
German	de
Italian	it
Spanish	es
Russia	ru
Latam Spanish	ES_419
Romanian	ro
Brazilian Portuguese	pt_br
Portuguese	pt
Finish	fi
Hungarian	hu
Norweigan	nn

CompetitionIds - Soccer Markets

The below spreadsheet contains a list of competitionId's for Soccer markets.



Competition IDs.xls

SelectionId's - Soccer Markets

The below spreadsheet includes all selection names and their selectionId's used on the Betfair Exchange since 2019.



Football Selectio... since 2019).xlsx

MarketType & Market Name Mappings

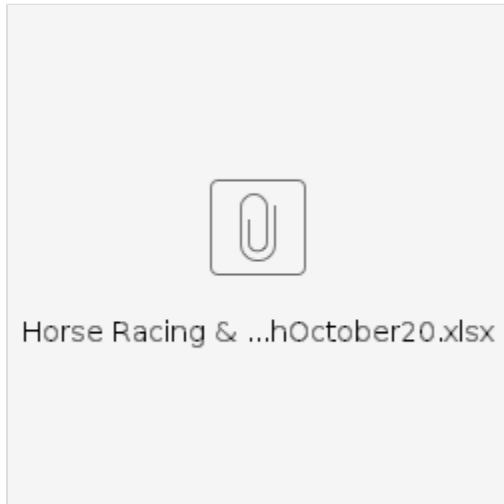
The below spreadsheet show the mapping relationship between market name and marketType across all sports.



MarketTypeMappings2021.xlsx

Racecourse Abbreviations

Racecourse abbreviations lists for Horse Racing and Greyhounds are available via the spreadsheet below:



Runner Metadata Description

The RUNNER_METADATA returned by [listMarketCatalogue](#) for **Horse Racing** (when available) is described in the table below.

Parameter	Description	Example
WEIGHT_UNITS	The unit of weight used.	pounds
ADJUSTED_RATING	Adjusted ratings are race-specific ratings that reflect weights allocated in the race and, in some circumstances, the age of the horse. Collectively they represent the chance each runner has on form. https://www.timeform.com/Racing/Articles/How_the_ratings_for_a_race_are_calculated Please note: this data is only returned for those with a Premium Timeform subscription	79
DAM_YEAR_BORN	The year the horse's mother's birth	1997
DAYS_SINCE_LAST_RUN	The number of days since the horse last ran	66
WEARING	Any extra equipment the horse is wearing	tongue strap
DAMSIRE_YEAR_BORN	The year in which the horse's grandfather was born on its mother's side	1988
SIRE_BRED	The country where the horse's father was bred	IRE
TRAINER_NAME	The name of the horse's trainer	Fergal O'Brien
STALL_DRAW	The stall number the horse is starting from	10
SEX_TYPE	The sex of the horse	f
OWNER_NAME	The owner of the horse	Mr M. C. Fahy
SIRE_NAME	The name of the horse's father	Revoque

FORECAST PRICE_NUMERATOR	The forecast price numerator	13
FORECAST PRICE_DENOMINATOR	The forecast price denominator	8
JOCKEY_CLAIM	The reduction in the weight that the horse carries for a particular jockey was applicable.	5
WEIGHT_VALUE	The weight of the horse	163
DAM_NAME	The name of the horse's mother	Rare Gesture
AGE	The age of the horse	7
COLOUR_TYPE	The colour of the horse	b
DAMSIRE_BRED	The country where the horse's grandfather was born	IRE
DAMSIRE_NAME	The name of the horse's grandfather	Shalford
SIRE_YEAR_BORN	The year the horse's father was born	1994
OFFICIAL_RATING	The horses official rating	97
FORM	The horses recent form	212246
BRED	The country in which the horse was born	IRE
runnerId	The runnerId for the horse	62434983
JOCKEY_NAME	The name of the jockey. Please note: This field will contain 'Reserve' in the event that the horse has been entered into the market as a reserve runner. Any reserve runners will be withdrawn from the market once it has been confirmed that they will not run.	Paddy Brennan
DAM_BRED	The country where the horse's mother was born	IRE
COLOURS_DESCRIPTION	The textual description of the jockey silk	Royal blue and black check, white sleeves and cap
COLOURS_FILENAME	A relative URL to an image file corresponding to the jockey silk. You must add the value of this field to the base URL: https://content-cache.cdnbf.net/feeds_images/Horses/SilkColours/ Please note - silk cloth images aren't provided for US Racing. The saddlecloth images used for US racing can be view via https://sn4.cdnbf.net/exchange/plus/images/app/common/assets/images/saddlecloths-sprite_2608_.gif	c20170823trot_s_BATHURST/1109899.png
CLOTH_NUMBER	The number on the saddle-cloth	5
CLOTH_NUMBER_ALPHA	The number on the saddle cloth. For US Racing where the runner is paired, this field will display the cloth number of the paired runner e.g. "1A"	1A

Terms of use: Please refer to <http://form.timeform.betfair.com/termsfuse> regarding the above data.

Time Zones & Time Format

All times are returned in GMT and are in ISO 8601 (http://en.wikipedia.org/wiki/ISO_8601) format. They can be converted to your local timezone using the timezone field returned by the [getAccountDetails](#) operation or into the local market timezone using the timezone returned for the event by [listMarketCatalogue](#)

To synchronize with the Betfair server time we recommend that you use the pool of NTP servers listed via <http://www.pool.ntp.org/zone/europe>

The following table lists the time zones returned by the API along with their meaning.

Location	Abbreviation	Notes
Africa/Johannesburg	RSA	
America/Costa_Rica	SJMT	
America/Indiana/Indianapolis	IEST	North America Indiana East
America/Santiago	SMT	
Asia/Bangkok	THAI	
Asia/Calcutta	INT	
Asia/Dubai	UAE	
Australia/Adelaide	ACST	
Australia/Darwin	ANST	
Australia/Perth	AWST	
Australia/Queensland	AQST	
Australia/Sydney	AEST	
Brazil/East	BRT	
Brazil/West	AMT	
CET	CET	Central European Time
EET	EET	Eastern European Time
Etc/GMT-5	PKT	
Europe/London	UKT	
Europe/Moscow	MSK	
GMT/UTC	GMT/UTC	Greenwich Mean Time/Coordinated Universal Time
Hongkong	HK	
Jamaica	KMT	
Japan	JPT	
NZ	NZT	New Zealand
US/Alaska	AKST	
US/Arizona	AST	
US/Central	CST	
US/Eastern	EST	
US/Hawaii	HST	
US/Mountain	MST	
US/Pacific	PST	

Virtual Bets

The Betfair Exchange tries to match bets against the bets placed by other users as well as equivalent bets where possible.

For example, if a customer backs Player A in a tennis match at odds of 2.0, the exchange matches any lay bet at odds of 2.0 or better on Player A. In addition, the Exchange also calculates all possible matches that are equivalent to a lay bet on Player A. So, if a customer backs Player B at odds of 2.0 or better, the Exchange matches it with the back bet on Player A. The Betfair Exchange uses a 'cross matching' algorithm to display the best possible prices (bets) available by taking into account the back and lay offers (unmatched bets) across all selections.



You can return virtual bets in the response when using the Exchange API by including the `virtualise:"true"` in the `listMarketBook` request e.g. `[{"jsonrpc": "2.0", "method": "SportsAPING/v1.0/listMarketBook", "params": {"marketIds": ["1.114101556"], "priceProjection": {"priceData": ["EX_BEST_OFFERS"], "virtualise": "true"}, "id": 1}]`

You should subscribe to the `EX_BEST_OFFERS_DISP` [MarketDataFilter](#) if using the [Exchange Stream API](#)

One of the easiest ways to understand how we generate virtual bets for cross-matching is to work through a couple of examples.

Consider the following market and what would happen if we placed a very large back bet at 1.01 on The Draw:

Selections (3)	126.7%		Back	Lay	93.3%	
Newcastle	1.01 £999	1.5 £200	1.5 £300	2 £120	2.5 £75	1000 £2
Chelsea	1.01 £999	2.4 £250	2.5 £150	3 £150	20 £10	1000 £2
The Draw	1.01 £999	3 £250	5 £150	10 £100	50 £50	1000 £2

Without cross matching, this bet would be matched in three portions;

- 1) £150 at 5.0,
 - 2) £250 at 3.0,
- and £999 at 1.01 with anything remaining being left unmatched.

With cross matching we can do better.

We have a back bet on Newcastle for £120 at 2.0 and a back bet on Chelsea for £150 at 3.0 (shown in pink on the available to lay side of the market).

Selections (3)	126.7%		Back	Lay	83.3%	
Newcastle	1.01 £999	1.5 £200	1.5 £300	2.5 £75	1000 £2	
Chelsea	1.01 £999	2.4 £250	2.5 £150	3 £70	20 £10	1000 £2
The Draw	1.01 £999	3 £250	5 £150	10 £100	50 £50	1000 £2

These two bets can be matched against a back bet on The Draw at a price of 6.0, since 2.0, 3.0, and 6.0 form a 100% book. To ensure that the book is balanced, we choose the stakes to be inversely proportional to the prices.

This means that we take the full £120 at 2.0 on Newcastle, only £80 at 3.0 on Chelsea, and £40 at 6.0 on The Draw, which is the first virtual bet

We now have a back bet on Newcastle for £75 at 2.5 and a back bet on Chelsea for £70 at 3.0 (again shown in pink on the available to lay side of the market).

These two bets can be matched against a back bet on The Draw at a price of 3.75, since 2.5, 3.0, and 3.75 also form a 100% book.

Balancing the stakes means that we need to take the full £75 at 2.5 on Newcastle, only £62.50 at 3.0 on Chelsea, and £50 at 3.75 on The Draw, which is the second virtual bet. Since 3.75 is less than 5.0, the £150 at 5.0 would be matched first followed by £50 at 3.75. If we continued this process we would get further matching at 1.50 and 1.05, but for the purposes of displaying the market view we have the best 3 prices for the available to back bets on The Draw, and so we can stop calculating the virtual bets. The virtual bets are just the bets that would have been matched had we received a sufficiently large back bet at 1.01; in this example, £40 at 6.0 and £50 at 3.75. **We take these virtual bets and merge them with the existing bets on the market to generate the following market view (with the virtual bets shown in green)**

Selections (3)	126.7% Back			Lay 93.3%		
Newcastle	1.01 £999	1.5 £200	1.5 £300	2 £120	2.5 £75	1000 £2
Chelsea	1.01 £999	2.4 £250	2.5 £150	3 £150	20 £10	1000 £2
The Draw	3.75 £50	5 £150	6 £40	10 £100	50 £50	1000 £2

The process is repeated to obtain the virtual lay bets (available to back bets) for Newcastle and Chelsea.

Here we have a slightly different market (as before, chosen to make the numbers nice) and consider what would happen if we placed a very large lay bet at 1000 on The Draw.

Selections (3)	103.3% Back			Lay 55.0%		
Newcastle	1.01 £999	1.5 £200	2 £300	4 £120	15 £75	1000 £2
Chelsea	1.01 £999	2.4 £250	3 £150	5 £150	20 £10	1000 £2
The Draw	1.01 £999	3 £250	5 £150	10 £100	50 £50	1000 £2

Without cross-matching, this bet would be matched in three portions; 1) £100 at 10.0, 2) £50 at 50.0, and £2 at 1000 with anything remaining being left unmatched. With cross-matching we can do better. We have a lay bet on Newcastle for £300 at 2.0 and a lay bet on Chelsea for £150 at 3.0 (shown in blue on the available to back side of the market). These two bets can be matched against a lay bet on The Draw at a price of 6.0, since 2.0, 3.0, and 6.0 form a 100% book. To ensure that the book is balanced, we choose the stakes to be inversely proportional to the prices. This means that we take only £225 at 2.0 on Newcastle, the full £150 at 3.0 on Chelsea, and £75 at 6.0 on The Draw, which is the first virtual bet.

Assuming these bets got matched, the market would look like this:

Selections (3)	111.7% Back			Lay 55.0%		
Newcastle	1.01 £999	1.5 £200	2 £75	4 £120	15 £75	1000 £2
Chelsea		1.01 £999	2.4 £250	5 £150	20 £10	1000 £2
The Draw	1.01 £999	3 £250	5 £150	10 £100	50 £50	1000 £2

We now have a lay bet on Newcastle for £75 at 2.0 and a lay bet on Chelsea for £250 at 2.4 (again shown in blue on the available to back side of the market). These two bets can be matched against a lay bet on The Draw at a price of 12.0, since 2.0, 2.4, and 12.0 also form a 100% book. Balancing the stakes means that we need to take the full £75 at 2.0 on Newcastle, only £62.50 at 2.4 on Chelsea, and £12.50 at 12.0 on The Draw, which is the second virtual bet.

This leaves the following market:

Selections (3)	128.3%		Back	Lay		55.0%
Newcastle		1.01 £999	1.5 £200	4 £120	15 £75	1000 £2
Chelsea		1.01 £999	2.4 £187.50	5 £150	20 £10	1000 £2
The Draw	1.01 £999	3 £250	5 £150	10 £100	50 £50	1000 £2

This time we can't continue the process since there is no valid price for a virtual bet on The Draw that would result in a 100% book, so we can stop calculating the virtual bets. Again, the virtual bets are just the bets that would have been matched had we received a sufficiently large lay bet at 1000; in this example, £75 at 6.0 and £12.50 at 12.0. **We take these virtual bets and merge them with the existing bets on the market to generate the following market view (with the virtual bets shown in orange):**

Selections (3)	103.3%		Back	Lay		61.7%
Newcastle	1.01 £999	1.5 £200	2 £300	4 £120	15 £75	1000 £2
Chelsea	1.01 £999	2.4 £250	3 £150	5 £150	20 £10	1000 £2
The Draw	1.01 £999	3 £250	5 £150	6 £75	10 £100	12 £12.50

Account Statement - Resettlement Lifecycle

The below demonstrates the resettlement lifecycle and how this is represented via the [getAccountStatement](#) output.

In the first file, the back bet on Landskrona was settled as winner, and so we see two entries for that bet:

- The initial debit (RESULT_NOT_APPLICABLE)
- The profit from winning the bet (RESULT)

Initial Settlement

```
{
  "jsonrpc": "2.0",
  "result": {
    "accountStatement": [
      {
        "refId": "10841763486",
        "itemDate": "2018-06-07T09:30:27.000Z",
        "amount": -0.9,
        "balance": 1000034.2,
        "itemClassData": {
          "unknownStatementItem": "{ \"avgPrice\": 0.0, \"betSize\": 0.0, \"betType\": \"B\", \"betCategoryType\": \"NONE\", \"commissionRate\": \"5%\", \"eventId\": 102828127, \"eventType\": 1, \"fullMarketName\": \"Fixtures 03 June / Landskrona v GAIS/ Match Odds\", \"grossBetAmount\": 18.0, \"marketName\": \"Match Odds\", \"marketType\": \"O\", \"placedDate\": \"2018-06-07T09:27:58.000Z\", \"selectionId\": 0, \"selectionName\": null, \"startDate\": \"0001-01-01T00:00:00.000Z\", \"transactionType\": \"ACCOUNT_DEBIT\", \"transactionId\": 0, \"winLose\": \"RESULT_NOT_APPLICABLE\" }",
          "legacyData": {
            "avgPrice": 0,
            "betSize": 0,
            "betType": "B",
            "betCategoryType": "NONE",

```

```

        "commissionRate": "5%",
        "eventId": 102828127,
        "eventType": 1,
        "fullMarketName": "Fixtures 03 June / Landskrona v GAIS/ Match Odds",
        "grossBetAmount": 18,
        "marketName": "Match Odds",
        "marketType": "O",
        "placedDate": "2018-06-07T09:27:58.000Z",
        "selectionId": 0,
        "startDate": "0001-01-01T00:00:00.000Z",
        "transactionType": "ACCOUNT_DEBIT",
        "transactionId": 0,
        "winLose": "RESULT_NOT_APPLICABLE"
    },
    "itemClass": "UNKNOWN"
},
{
    "refId": "10841763486",
    "itemDate": "2018-06-07T09:30:27.000Z",
    "amount": 18,
    "balance": 1000035.1,
    "itemClassData": {
        "unknownStatementItem": "{ \"avgPrice\":10.0, \"betSize\":2.0, \"betType\": \"B\", \"betCategoryType\": \"E\", \"commissionRate\": null, \"eventId\": 102828127, \"eventType\": 1, \"fullMarketName\": \"Fixtures 03 June / Landskrona v GAIS/ Match Odds\", \"grossBetAmount\": 0.0, \"marketName\": \"Match Odds\", \"marketType\": \"O\", \"placedDate\": \"2018-06-07T09:27:58.000Z\", \"selectionId\": 130432, \"selectionName\": \"Landskrona\", \"startDate\": \"0001-01-01T00:00:00.000Z\", \"transactionType\": \"ACCOUNT_CREDIT\", \"transactionId\": 0, \"winLose\": \"RESULT_WON\" }",
        "legacyData": {
            "avgPrice": 10,
            "betSize": 2,
            "betType": "B",
            "betCategoryType": "E",
            "eventId": 102828127,
            "eventType": 1,
            "fullMarketName": "Fixtures 03 June / Landskrona v GAIS/ Match Odds",
            "grossBetAmount": 0,
            "marketName": "Match Odds",
            "marketType": "O",
            "placedDate": "2018-06-07T09:27:58.000Z",
            "selectionId": 130432,
            "selectionName": "Landskrona",
            "startDate": "0001-01-01T00:00:00.000Z",
            "transactionType": "ACCOUNT_CREDIT",
            "transactionId": 0,
            "winLose": "RESULT_WON"
        },
        "itemClass": "UNKNOWN"
    },
    "refId": "10841762387",
    "itemDate": "2018-06-07T09:14:03.000Z",
    "amount": -0.9,
    "balance": 1000051.3,
    "itemClassData": {
        "unknownStatementItem": "{ \"avgPrice\":0.0, \"betSize\":0.0, \"betType\": \"B\", \"betCategoryType\": \"NONE\", \"commissionRate\": \"5%\", \"eventId\": 102833966, \"eventType\": 7, \"fullMarketName\": \"GB / Utttox 6th Jun/ 13:40 2m Hcap Hrd\", \"grossBetAmount\": 18.0, \"marketName\": \"2m Hcap Hrd\", \"marketType\": \"O\", \"placedDate\": \"2018-06-06T16:37:13.000Z\", \"selectionId\": 0, \"selectionName\": null, \"startDate\": \"2018-06-06T12:40:00.000Z\", \"transactionType\": \"ACCOUNT_DEBIT\", \"transactionId\": 0, \"winLose\": \"RESULT_NOT_APPLICABLE\" }",
        "legacyData": {
            "avgPrice": 0,
            "betSize": 0,
            "betType": "B",
            "betCategoryType": "NONE",
            "commissionRate": "5%",
            "eventId": 102833966,
            "eventType": 7,

```

```

        "fullMarketName": "GB / Utttox 6th Jun/ 13:40 2m Hcap Hrd",
        "grossBetAmount": 18,
        "marketName": "2m Hcap Hrd",
        "marketType": "O",
        "placedDate": "2018-06-06T16:37:13.000Z",
        "selectionId": 0,
        "startDate": "2018-06-06T12:40:00.000Z",
        "transactionType": "ACCOUNT_DEBIT",
        "transactionId": 0,
        "winLose": "RESULT_NOT_APPLICABLE"
    },
    "itemClass": "UNKNOWN"
},
{
    "refId": "10841762387",
    "itemDate": "2018-06-07T09:14:03.000Z",
    "amount": 18,
    "balance": 1000052.2,
    "itemClassData": {
        "unknownStatementItem": "{ \"avgPrice\":10.0, \"betSize\":2.0, \"betType\": \"B\", \"betCategoryType\": \"E\", \"commissionRate\": null, \"eventId\":102833966, \"eventType\":7, \"fullMarketName\": \"GB / Utttox 6th Jun/ 13:40 2m Hcap Hrd\", \"grossBetAmount\":0.0, \"marketName\": \"2m Hcap Hrd\", \"marketType\": \"O\", \"placedDate\": \"2018-06-06T16:37:13.000Z\", \"selectionId\":4700101, \"selectionName\": \"Catchin Time\", \"startDate\": \"2018-06-06T12:40:00.000Z\", \"transactionType\": \"ACCOUNT_CREDIT\", \"transactionId\":0, \"winLose\": \"RESULT_WON\"}"
    },
    "legacyData": {
        "avgPrice": 10,
        "betSize": 2,
        "betType": "B",
        "betCategoryType": "E",
        "eventId": 102833966,
        "eventType": 7,
        "fullMarketName": "GB / Utttox 6th Jun/ 13:40 2m Hcap Hrd",
        "grossBetAmount": 0,
        "marketName": "2m Hcap Hrd",
        "marketType": "O",
        "placedDate": "2018-06-06T16:37:13.000Z",
        "selectionId": 4700101,
        "selectionName": "Catchin Time",
        "startDate": "2018-06-06T12:40:00.000Z",
        "transactionType": "ACCOUNT_CREDIT",
        "transactionId": 0,
        "winLose": "RESULT_WON"
    },
    "itemClass": "UNKNOWN"
}
],
"moreAvailable": false
}
}

```

In the second example, the market was unsettled, and we see four entries:

- The two entries described above are still present but tagged with RESULT_ERR
- An entry to revert the commission paid (tagged with COMMISSION_REVERSAL and RESULT_FIX)
- An entry to undo the payout from the winning bet (tagged with RESULT_FIX)

Market Unsettled

```

{
  "jsonrpc": "2.0",
  "result": {
    "accountStatement": [
      {
        "refId": "10841763486",
        "itemDate": "2018-06-07T13:20:10.000Z",
        "amount": 0.9,

```

```
"balance": 1000034.2,
"itemClassData": {
  "unknownStatementItem": "{\"avgPrice\":0.0,\"betSize\":0.0,\"betType\":\"B\", \"
betCategoryType\": \"E\", \"commissionRate\": null, \"eventId\": 102828127, \"eventType\": 1, \"fullMarketName\": \"
Fixtures 03 June / Landskrona v GAIS/ Match Odds\", \"grossBetAmount\": 0.0, \"marketName\": \"Match Odds\", \"
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winLose\": \"RESULT_FIX\"}"
},
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  "avgPrice": 0,
  "betSize": 0,
  "betType": "B",
  "betCategoryType": "E",
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  "eventType": 1,
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  "marketName": "Match Odds",
  "marketType": "O",
  "placedDate": "2018-06-07T13:20:10.000Z",
  "selectionId": 0,
  "startDate": "0001-01-01T00:00:00.000Z",
  "transactionType": "COMMISSION_REVERSAL",
  "transactionId": 0,
  "winLose": "RESULT_FIX"
},
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},
{
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  "itemDate": "2018-06-07T13:20:10.000Z",
  "amount": -18,
  "balance": 1000033.3,
  "itemClassData": {
    "unknownStatementItem": "{\"avgPrice\":0.0,\"betSize\":0.0,\"betType\":\"B\", \"
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Fixtures 03 June / Landskrona v GAIS/ Match Odds\", \"grossBetAmount\": 0.0, \"marketName\": \"Match Odds\", \"
marketType\": \"O\", \"placedDate\": \"2018-06-07T13:20:10.000Z\", \"selectionId\": 0, \"selectionName\": null, \"
startDate\": \"0001-01-01T00:00:00.000Z\", \"transactionType\": \"ACCOUNT_DEBIT\", \"transactionId\": 0, \"winLose\": \"
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  },
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    "betSize": 0,
    "betType": "B",
    "betCategoryType": "E",
    "eventId": 102828127,
    "eventType": 1,
    "fullMarketName": "Fixtures 03 June / Landskrona v GAIS/ Match Odds",
    "grossBetAmount": 0,
    "marketName": "Match Odds",
    "marketType": "O",
    "placedDate": "2018-06-07T13:20:10.000Z",
    "selectionId": 0,
    "startDate": "0001-01-01T00:00:00.000Z",
    "transactionType": "ACCOUNT_DEBIT",
    "transactionId": 0,
    "winLose": "RESULT_FIX"
  },
  "itemClass": "UNKNOWN"
},
{
  "refId": "10841763486",
  "itemDate": "2018-06-07T09:30:27.000Z",
  "amount": -0.9,
  "balance": 1000034.2,
  "itemClassData": {
    "unknownStatementItem": "{\"avgPrice\":0.0,\"betSize\":0.0,\"betType\":\"B\", \"
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Fixtures 03 June / Landskrona v GAIS/ Match Odds\", \"grossBetAmount\": 18.0, \"marketName\": \"Match Odds\", \"
winLose\": \"RESULT_FIX\"}"
  },
  "legacyData": {
    "avgPrice": 0,
    "betSize": 0,
    "betType": "B",
    "betCategoryType": "NONE",
    "commissionRate": "5%",
    "eventId": 102828127,
    "eventType": 1,
    "fullMarketName": "Fixtures 03 June / Landskrona v GAIS/ Match Odds",
    "grossBetAmount": 18.0,
    "marketName": "Match Odds",
    "marketType": "O",
    "placedDate": "2018-06-07T09:30:27.000Z",
    "selectionId": 0,
    "startDate": "0001-01-01T00:00:00.000Z",
    "transactionType": "ACCOUNT_DEBIT",
    "transactionId": 0,
    "winLose": "RESULT_FIX"
  },
  "itemClass": "UNKNOWN"
}
```

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\ "RESULT_ERR\"}"
  },
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    "betSize": 0,
    "betType": "B",
    "betCategoryType": "NONE",
    "commissionRate": "5%",
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    "eventType": 1,
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    "grossBetAmount": 18,
    "marketName": "Match Odds",
    "marketType": "O",
    "placedDate": "2018-06-07T09:27:58.000Z",
    "selectionId": 0,
    "startDate": "0001-01-01T00:00:00.000Z",
    "transactionType": "ACCOUNT_DEBIT",
    "transactionId": 0,
    "winLose": "RESULT_ERR"
  },
  "itemClass": "UNKNOWN"
},
{
  "refId": "10841763486",
  "itemDate": "2018-06-07T09:30:27.000Z",
  "amount": 18,
  "balance": 1000035.1,
  "itemClassData": {
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Fixtures 03 June / Landskrona v GAIS/ Match Odds",\ "grossBetAmount\":"0.0,\ "marketName\":"Match Odds",\ "
marketType\":"O",\ "placedDate\":"2018-06-07T09:27:58.000Z",\ "selectionId\":"130432,\ "selectionName\":"
Landskrona",\ "startDate\":"0001-01-01T00:00:00.000Z",\ "transactionType\":"ACCOUNT_CREDIT",\ "
transactionId\":"0,\ "winLose\":"RESULT_ERR\"}"
  },
  "legacyData": {
    "avgPrice": 10,
    "betSize": 2,
    "betType": "B",
    "betCategoryType": "E",
    "eventId": 102828127,
    "eventType": 1,
    "fullMarketName": "Fixtures 03 June / Landskrona v GAIS/ Match Odds",
    "grossBetAmount": 0,
    "marketName": "Match Odds",
    "marketType": "O",
    "placedDate": "2018-06-07T09:27:58.000Z",
    "selectionId": 130432,
    "selectionName": "Landskrona",
    "startDate": "0001-01-01T00:00:00.000Z",
    "transactionType": "ACCOUNT_CREDIT",
    "transactionId": 0,
    "winLose": "RESULT_ERR"
  },
  "itemClass": "UNKNOWN"
},
{
  "refId": "10841762387",
  "itemDate": "2018-06-07T09:14:03.000Z",
  "amount": -0.9,
  "balance": 1000051.3,
  "itemClassData": {
    "unknownStatementItem": "{\ "avgPrice\":"0.0,\ "betSize\":"0.0,\ "betType\":"B",\ "
betCategoryType\":"NONE",\ "commissionRate\":"5%",\ "eventId\":"102833966,\ "eventType\":"7,\ "fullMarketName\":"
GB / Utttox 6th Jun/ 13:40 2m Hcap Hrd",\ "grossBetAmount\":"18.0,\ "marketName\":"2m Hcap Hrd",\ "
marketType\":"O",\ "placedDate\":"2018-06-06T16:37:13.000Z",\ "selectionId\":"0,\ "selectionName\":"null,\ "
startDate\":"2018-06-06T12:40:00.000Z",\ "transactionType\":"ACCOUNT_DEBIT",\ "transactionId\":"0,\ "winLose\":"
\ "RESULT_NOT_APPLICABLE\"}"
  }
```

```

    },
    "legacyData": {
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      "betSize": 0,
      "betType": "B",
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      "commissionRate": "5%",
      "eventId": 102833966,
      "eventType": 7,
      "fullMarketName": "GB / Utttox 6th Jun/ 13:40 2m Hcap Hrd",
      "grossBetAmount": 18,
      "marketName": "2m Hcap Hrd",
      "marketType": "O",
      "placedDate": "2018-06-06T16:37:13.000Z",
      "selectionId": 0,
      "startDate": "2018-06-06T12:40:00.000Z",
      "transactionType": "ACCOUNT_DEBIT",
      "transactionId": 0,
      "winLose": "RESULT_NOT_APPLICABLE"
    },
    "itemClass": "UNKNOWN"
  },
  {
    "refId": "10841762387",
    "itemDate": "2018-06-07T09:14:03.000Z",
    "amount": 18,
    "balance": 1000052.2,
    "itemClassData": {
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    },
    "legacyData": {
      "avgPrice": 10,
      "betSize": 2,
      "betType": "B",
      "betCategoryType": "E",
      "eventId": 102833966,
      "eventType": 7,
      "fullMarketName": "GB / Utttox 6th Jun/ 13:40 2m Hcap Hrd",
      "grossBetAmount": 0,
      "marketName": "2m Hcap Hrd",
      "marketType": "O",
      "placedDate": "2018-06-06T16:37:13.000Z",
      "selectionId": 4700101,
      "selectionName": "Catchin Time",
      "startDate": "2018-06-06T12:40:00.000Z",
      "transactionType": "ACCOUNT_CREDIT",
      "transactionId": 0,
      "winLose": "RESULT_WON"
    },
    "itemClass": "UNKNOWN"
  }
],
"moreAvailable": false
}
}

```

In the third example, we resettle the market with the back bet on Landskrona as a loser, and we see 5 entries:

- The four entries described above
- An entry describing the losing bet (RESULT_LOST)

Market Resettled

```
{
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  "result": {
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        "itemDate": "2018-06-07T13:29:52.000Z",
        "amount": -2,
        "balance": 1000032.2,
        "itemClassData": {
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        },
        "legacyData": {
          "avgPrice": 10,
          "betSize": 2,
          "betType": "B",
          "betCategoryType": "E",
          "eventId": 102828127,
          "eventType": 1,
          "fullMarketName": "Fixtures 03 June / Landskrona v GAIS/ Match Odds",
          "grossBetAmount": 0,
          "marketName": "Match Odds",
          "marketType": "O",
          "placedDate": "2018-06-07T09:27:58.000Z",
          "selectionId": 130432,
          "selectionName": "Landskrona",
          "startDate": "0001-01-01T00:00:00.000Z",
          "transactionType": "ACCOUNT_DEBIT",
          "transactionId": 0,
          "winLose": "RESULT_LOST"
        },
        "itemClass": "UNKNOWN"
      },
      {
        "refId": "10841763486",
        "itemDate": "2018-06-07T13:20:10.000Z",
        "amount": 0.9,
        "balance": 1000034.2,
        "itemClassData": {
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        },
        "legacyData": {
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          "betSize": 0,
          "betType": "B",
          "betCategoryType": "E",
          "eventId": 102828127,
          "eventType": 1,
          "fullMarketName": "Fixtures 03 June / Landskrona v GAIS/ Match Odds",
          "grossBetAmount": 0,
          "marketName": "Match Odds",
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          "selectionId": 0,
          "startDate": "0001-01-01T00:00:00.000Z",
          "transactionType": "COMMISSION_REVERSAL",
          "transactionId": 0,
          "winLose": "RESULT_FIX"
        }
      }
    ]
  }
}
```



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marketType\": \"O\", \"placedDate\": \"2018-06-07T09:27:58.000Z\", \"selectionId\": 130432, \"selectionName\": \"
Landskrona\", \"startDate\": \"0001-01-01T00:00:00.000Z\", \"transactionType\": \"ACCOUNT_CREDIT\", \"
transactionId\": 0, \"winLose\": \"RESULT_ERR\"}"
},
"legacyData": {
  "avgPrice": 10,
  "betSize": 2,
  "betType": "B",
  "betCategoryType": "E",
  "eventId": 102828127,
  "eventType": 1,
  "fullMarketName": "Fixtures 03 June / Landskrona v GAIS/ Match Odds",
  "grossBetAmount": 0,
  "marketName": "Match Odds",
  "marketType": "O",
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  "selectionName": "Landskrona",
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  "transactionType": "ACCOUNT_CREDIT",
  "transactionId": 0,
  "winLose": "RESULT_ERR"
},
"itemClass": "UNKNOWN"
},
{
  "refId": "10841762387",
  "itemDate": "2018-06-07T09:14:03.000Z",
  "amount": -0.9,
  "balance": 1000051.3,
  "itemClassData": {
    "unknownStatementItem": "{\"avgPrice\":0.0,\"betSize\":0.0,\"betType\":\"B\", \"
betCategoryType\": \"NONE\", \"commissionRate\": \"5%\", \"eventId\": 102833966, \"eventType\": 7, \"fullMarketName\": \"
GB / Utttox 6th Jun/ 13:40 2m Hcap Hrd\", \"grossBetAmount\": 18.0, \"marketName\": \"2m Hcap Hrd\", \"
marketType\": \"O\", \"placedDate\": \"2018-06-06T16:37:13.000Z\", \"selectionId\": 0, \"selectionName\": null, \"
startDate\": \"2018-06-06T12:40:00.000Z\", \"transactionType\": \"ACCOUNT_DEBIT\", \"transactionId\": 0, \"winLose\": \"
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  },
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    "betSize": 0,
    "betType": "B",
    "betCategoryType": "NONE",
    "commissionRate": "5%",
    "eventId": 102833966,
    "eventType": 7,
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    "grossBetAmount": 18,
    "marketName": "2m Hcap Hrd",
    "marketType": "O",
    "placedDate": "2018-06-06T16:37:13.000Z",
    "selectionId": 0,
    "startDate": "2018-06-06T12:40:00.000Z",
    "transactionType": "ACCOUNT_DEBIT",
    "transactionId": 0,
    "winLose": "RESULT_NOT_APPLICABLE"
  },
  "itemClass": "UNKNOWN"
},
{
  "refId": "10841762387",
  "itemDate": "2018-06-07T09:14:03.000Z",
  "amount": 18,
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/ Utttox 6th Jun/ 13:40 2m Hcap Hrd\\",\\"grossBetAmount\\":0.0,\\"marketName\\":\\"2m Hcap Hrd\\",\\"marketType\\":\\"
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startDate\\":\\"2018-06-06T12:40:00.000Z\\",\\"transactionType\\":\\"ACCOUNT_CREDIT\\",\\"transactionId\\":0,\\"winLose\\":
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    },
    "legacyData": {
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      "betSize": 2,
      "betType": "B",
      "betCategoryType": "E",
      "eventId": 102833966,
      "eventType": 7,
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      "grossBetAmount": 0,
      "marketName": "2m Hcap Hrd",
      "marketType": "O",
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      "selectionId": 4700101,
      "selectionName": "Catchin Time",
      "startDate": "2018-06-06T12:40:00.000Z",
      "transactionType": "ACCOUNT_CREDIT",
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    },
    "itemClass": "UNKNOWN"
  },
  "moreAvailable": false
}
}

```

Regulator Codes

The below regulator codes are used in the regulators field provided in the listMarketCatalogue Market Description and the Exchange Stream API marketDefinition.

Abbreviation	Full Description
MR_ESP	SPANISH GAMBLING AUTHORITY
MR_INT	GIBRALTER REGULATOR
MR_ITA	AMMINISTRAZIONE AUTONOMA DEI MONOPOLI DI STATO
MR_NJ	NJRC - NEW JERSEY RACING COMMISSION
MR_TGC	THE TASMANIAN GAMING COMMISSION

EventTypelds List

The below file contains a complete list of EventTypelds



EventTypIds.xlsx

- [Understanding Market Navigation](#)
- [Betfair Price Increments](#)
- [Common Error Codes](#)
- [Currency Parameters](#)
- [Locale Specification](#)
- [CompetitionIds - Soccer Markets](#)
- [SelectionId's - Soccer Markets](#)
- [MarketType & Market Name Mappings](#)
- [Racecourse Abbreviations](#)
- [Runner Metadata Description](#)
- [Time Zones & Time Format](#)
- [Virtual Bets](#)
- [Account Statement - Resettlement Lifecycle](#)
- [Regulator Codes](#)
- [EventTypIds List](#)