# **SportsAPING BSIDL**

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APINGException

### **Operations**

#### **listEventTypes**

List<EventTypeResult> listEventTypes ( MarketFilter filter, String locale ) throws APINGException

Returns a list of Event Types (i.e. Sports) associated with the markets selected by the MarketFilter.

Parameter name	Туре	Required	Description
filter	MarketFilter	•	The filter to select desired markets. All markets that match the criteria in the filter are selected.
locale	String		The language used for the response. If not specified, the default is returned.

Return type	Description	
List <eventtyperesult></eventtyperesult>	output data	

Throws	Description
APINGException	

Since 1.0.0

### **listCompetitions**

List<CompetitionResult> listCompetitions ( MarketFilter filter, String locale ) throws APINGException

Returns a list of Competitions (i.e., World Cup 2013) associated with the markets selected by the MarketFilter. Currently only Football markets have an associated competition.

Parameter name	Туре	Required	Description
filter	MarketFilter	•	The filter to select desired markets. All markets that match the criteria in the filter are selected.
locale	String		The language used for the response. If not specified, the default is returned.

Return type	Description
List <competitionresult></competitionresult>	output data

Throws	Description
APINGException	

#### **listTimeRanges**

List<TimeRangeResult> listTimeRanges ( MarketFilter filter, TimeGranularity granularity ) throws APINGException

Returns a list of time ranges in the granularity specified in the request (i.e. 3PM to 4PM, Aug 14th to Aug 15th) associated with the markets selected by the MarketFilter.

Parameter name	Туре	Required	Description
filter	MarketFilter	•	The filter to select desired markets. All markets that match the criteria in the filter are selected.
granularity	TimeGranularity	•	The granularity of time periods that correspond to markets selected by the market filter.

Return type	Description
List <timerangeresult></timerangeresult>	output data

Throws	Description
APINGException	

Since 1.0.0

#### **listEvents**

List<EventResult> listEvents ( MarketFilter filter, String locale ) throws APINGException

Returns a list of Events (i.e, Reading vs. Man United) associated with the markets selected by the MarketFilter.

Parameter name	Туре	Required	Description
filter	MarketFilter	•	The filter to select desired markets. All markets that match the criteria in the filter are selected.
locale	String		The language used for the response. If not specified, the default is returned.

Return type	Description	
List <eventresult></eventresult>	output data	
Thurston	Description	

Throws	Description
APINGException	

#### listMarketTypes

List<MarketTypeResult> listMarketTypes ( MarketFilter filter, String locale ) throws APINGException

Returns a list of market types (i.e. MATCH\_ODDS, NEXT\_GOAL) associated with the markets selected by the MarketFilter. The market types are always the same, regardless of locale.

Parameter name	Туре	Required	Description
filter	MarketFilter	•	The filter to select desired markets. All markets that match the criteria in the filter are selected.
locale	String		The language used for the response. If not specified, the default is returned.

Return type	Description
List <markettyperesult></markettyperesult>	output data

Throws	Description
APINGException	

Since 1.0.0

#### **listCountries**

List<CountryCodeResult> listCountries ( MarketFilter filter, String locale ) throws APINGException

Returns a list of Countries associated with the markets selected by the MarketFilter.

Parameter name	Туре	Required	Description
filter	MarketFilter	•	The filter to select desired markets. All markets that match the criteria in the filter are selected.
locale	String		The language used for the response. If not specified, the default is returned.

Return type	Description
List <countrycoderesult></countrycoderesult>	output data

Throws	Description
APINGException	

#### **listVenues**

List<VenueResult> listVenues ( MarketFilter filter, String locale ) throws APINGException

Returns a list of Venues (i.e. Cheltenham, Ascot) associated with the markets selected by the MarketFilter. Currently, only Horse Racing markets are associated with a Venue.

Parameter name	Туре	Required	Description
filter	MarketFilter	•	The filter to select desired markets. All markets that match the criteria in the filter are selected.
locale	String		The language used for the response. If not specified, the default is returned.

Return type	Description	
List <venueresult></venueresult>	output data	

Throws	Description
APINGException	

Since 1.0.0

#### listMarketCatalogue

List<MarketCatalogue> listMarketCatalogue ( MarketFilter filter, Set<MarketProjection> marketProjection, MarketSort sort, int maxResults, String locale ) throws APINGException

Returns a list of information about markets that does not change (or changes very rarely). You use listMarketCatalogue to retrieve the name of the market, the names of selections and other information about markets.

Parameter name	Туре	Required	Description
filter	MarketFilter	•	The filter to select desired markets. All markets that match the criteria in the filter are selected.
marketProjection	Set <marketprojection></marketprojection>		The type and amount of data returned about the market.
sort	MarketSort		The order of the results. Will default to RANK if not passed
maxResults	int	•	limit on the total number of results returned, must be greater than 0 and less than or equal to 1000
locale	String		The language used for the response. If not specified, the default is returned.

Return type	Description
List <marketcatalogue></marketcatalogue>	output data

Throws	Description
APINGException	

orderProjection, MatchProjection matchProjection, boolean includeOverallPosition, boolean partitionMatchedByStrategyRef, Set <string> customerStrategyRefs, String currencyCode, String locale, Date matchedSince, Set<betid> betIds ) throws APIN GException  Returns a list of dynamic data about markets. Dynamic data includes prices, the status of the market, the status of selections, the traded volume, and the status of any orders you have placed in the market.</betid></string>				

listMarketBook

Parameter name	Туре	Required	Description
marketIds	List <marketid></marketid>	•	One or more market ids. The number of markets returned depends on the amount of data you request via the price projection.
priceProjection	PriceProjection		The projection of price data you want to receive in the response.
orderProjection	OrderProjection		The orders you want to receive in the response.
matchProjection	MatchProjection		If you ask for orders, specifies the representation of matches.
includeOverallPosition	boolean		If you ask for orders, return matches for each selection. Defaults to true if unspecified.
partitionMatchedByStrategy Ref	boolean		If you ask for orders, return the breakdown of matches by strategy for each selection. Groups matches with no strategy in an empty string bucket. Defaults to false if unspecified.
customerStrategyRefs	Set <string></string>		If you ask for orders, restricts the results to orders matching any of the specified set of customer defined strategies.  Also filters which matches by strategy for runners are returned, if partitionMatchedByStrategy Ref is true.  An empty set will be treated as if the parameter has been omitted (or null passed).
currencyCode	String		A Betfair standard currency code. If not specified, the default currency code is used.
locale	String		The language used for the response. If not specified, the default is returned.
matchedSince	Date		If you ask for orders, restricts the results to orders that have at least one fragment matched since the specified date (all matched fragments of such an order will be returned even if some were matched before the specified date). All EXECUTABLE orders will be returned regardless of matched date.
betlds	Set <betid></betid>		If you ask for orders, restricts the results to orders with the specified be IDs.

Return type	Description
List <marketbook></marketbook>	output data

Throws	Description
APINGException	

#### **listRunnerBook**

List<MarketBook> listRunnerBook ( MarketId marketId, SelectionId selectionId, double handicap, PriceProjection priceProjection, OrderProjection orderProjection, MatchProjection matchProjection, boolean includeOverallPosition, boolean partitionMatchedByStrategyRef, Set<String> customerStrategyRefs, String currencyCode, String locale, Date matchedSince, Set<BetId> betIds ) throws APINGException

Returns a list of dynamic data about a market and a specified runner. Dynamic data includes prices, the status of the market, the status of selections, the traded volume, and the status of any orders you have placed in the market.

Parameter name	Туре	Required	Description
marketId	MarketId	•	The unique id for the market
selectionId	SelectionId	•	The unique id for the selection in the market.
handicap	double		If specified, the handicap is used in conjunction with the selectionId to pick which runner to return prices for
priceProjection	PriceProjection		The projection of price data you want to receive in the response.
orderProjection	OrderProjection		The orders you want to receive in the response.
matchProjection	MatchProjection		If you ask for orders, specifies the representation of matches.
includeOverallPosition	boolean		If you ask for orders, returns matches for each selection. Defaults to true if unspecified.
partitionMatchedByStrategy Ref	boolean		If you ask for orders, returns the breakdown of matches by strategy for each selection. Groups matches with no strategy in an empty string bucket. Defaults to false if unspecified.
customerStrategyRefs	Set <string></string>		If you ask for orders, restricts the results to orders matching any of the specified set of customer defined strategies.  Also filters which matches by strategy for runners are returned, if partitionMatchedByStrategy Ref is true.  An empty set will be treated as if the parameter has been omitted (or null passed).
currencyCode	String		A Betfair standard currency code. If not specified, the default currency code is used.
locale	String		The language used for the response. If not specified, the default is returned.
matchedSince	Date		If you ask for orders, restricts the results to orders that have at least one fragment matched since the specified date (all matched fragments of such an order will be returned even if some were matched before the specified date). All EXECUTABLE orders will be returned regardless of matched date.
betlds	Set <betid></betid>		If you ask for orders, restricts the results to orders with the specified bet IDs.

Return type	Description
List <marketbook></marketbook>	output data
Throws	Description

#### **listCurrentOrders**

CurrentOrderSummaryReport listCurrentOrders ( Set<BetId> betIds, Set<MarketId> marketIds, OrderProjection orderProjection, Set<CustomerOrderRef> customerOrderRefs, Set<CustomerStrategyRef> customerStrategyRefs, TimeRange placedDateRange, TimeRange dateRange, OrderBy orderBy, SortDir, int fromRecord, int recordCount ) throws APING Exception

Returns a list of your current orders. Optionally you can filter and sort your current orders using

various parameters, setting none of the parameters will return all of your current orders, up to a maximum

of 1000 bets, ordered BY\_BET and sorted EARLIEST\_TO\_LATEST. To retrieve more than 1000 orders, you need to make use of the fromRecord and recordCount parameters.

Parameter name	Туре	Required	Description
betlds	Set <betid></betid>		Optionally restricts the results to the specified bet IDs.
marketlds	Set <marketid></marketid>		Optionally restricts the results to the specified market IDs.
orderProjection	OrderProjection		Optionally restricts the results to the specified order status.
customerOrderRefs	Set <customerorderref></customerorderref>		Optionally restricts the results to the specified customer order references.
customerStrategyRefs	Set <customerstrategyref></customerstrategyref>		Optionally restricts the results to the specified customer strategy references.
placedDateRange	TimeRange		@Deprecated use dateRange instead. Optionally restricts the results to be from/to the specified placed date. This date is inclusive, i.e. if an order was placed on exactly this date (to the millisecond) then it will be included in the results. If the from is later than the to, no results will be returned.

		page size limit of 1000. A value of zero indicates that you would like all records (including and from 'fromRecord') up to the limit.
recordCount	int	Specifies how many records will be returned, from the index position 'fromRecord'. Note that there is a
fromRecord	int	Specifies the first record that will be returned. Records start at index zero, not at index one.
sortDir	SortDir	Specifies the direction the results will be sorted in. If no value is passed in, it defaults to EARLIEST_TO_LATEST.
orderBy	OrderBy	Specifies how the results will be ordered. If no value is passed in, it defaults to BY_BET.  Also acts as a filter such that only orders with a valid value in the field being ordered by will be returned (i.e. BY_VOID_TIME returns only voided orders, BY_SETTLED_TIME returns only settled orders and BY_MATCH_TIME returns only orders with a matched date (voided, settled, matched orders)).
	TimeRange	placedDateRange to allow filtering by other date fields rather than just placedDate. Optionally restricts the results to be from/to the specified date, these dates are contextual to the orders being returned and therefore the dates used to filter on will change to placed, matched, voided or settled dates depending on the orderBy. This date is inclusive, i.e. if an order was placed on exactly this date (to the millisecond) then it will be included in the results. If the from is later than the to, no results will be returned.

Return type	Description
CurrentOrderSummaryReport	

Throws	Description
APINGException	

### **listClearedOrders**

ClearedOrderSummaryReport listClearedOrders ( BetStatus betStatus, Set<EventTypeId> eventTypeId>, Set<EventId> eventIds, Set<MarketId> marketIds, Set<RunnerId> runnerIds, Set<BetId> betIds, Set<CustomerOrderRef> customerOrderRefs, Set<CustomerStrategyRef> customerStrategyRefs, Side side, TimeRange settledDateRange, GroupBy groupBy, boolean includeItemDescription, String locale, int fromRecord, int recordCount ) throws APINGException

Returns a List of bets based on the bet status, ordered by settled date

Parameter name	Туре	Required	Description
betStatus	BetStatus	•	Restricts the results to the specified status.
eventTypelds	Set <eventtypeid></eventtypeid>		Optionally restricts the results to the specified Event Type IDs.
eventIds	Set <eventid></eventid>		Optionally restricts the results to the specified Event IDs.
marketlds	Set <marketid></marketid>		Optionally restricts the results to the specified market IDs.
runnerlds	Set <runnerid></runnerid>		Optionally restricts the results to the specified Runners.
betlds	Set <betid></betid>		Optionally restricts the results to the specified bet IDs.
customerOrderRefs	Set <customerorderref></customerorderref>		Optionally restricts the results to the specified customer order references.
customerStrategyRefs	Set <customerstrategyref></customerstrategyref>		Optionally restricts the results to the specified customer strategy references.
side	Side		Optionally restricts the results to the specified side.
settledDateRange	TimeRange		Optionally restricts the results to be from/to the specified settled date. This date is inclusive, i.e. if an order was placed on exactly this date (to the millisecond) then it will be included in the results. If the from is later than the to, no results will be returned.
groupBy	GroupBy		How to aggregate the lines, if not supplied then the lowest level is returned, i.e. bet by bet This is only applicable to SETTLED BetStatus.
includeItemDescription	boolean		If true then an ItemDescription object is included in the response.
locale	String		The language used for the itemDescription. If not specified, the customer account default is returned.
fromRecord	int		Specifies the first record that will be returned. Records start at index zero.

recordCount	int		Specifies how many record will be returned, from the index position 'fromRecord' Note that there is a page size limit of 1000. A value of zero indicates that you would like all records (including and from 'fromRecord') up to the limit.
Return type		Description	
ClearedOrderSum	ımaryReport		
Throws	Descriptio	n	
APINGException			

### placeOrders

PlaceExecutionReport placeOrders ( MarketId marketId, List<PlaceInstruction> instructions, String customerRef, Market Version marketVersion, String customerStrategyRef, boolean async ) throws APINGException

Place new orders into market. LIMIT orders below the minimum bet size are allowed if there is an unmatched bet at the same price in the market. This operation is atomic in that all orders will be placed or none will be placed.

Parameter name	Туре	Required	Description
marketId	MarketId	•	The market id these orders are to be placed on
instructions	List <placeinstruction></placeinstruction>	•	
customerRef	String		Optional parameter allowing the client to pass a unique string (up to 32 chars) that is used to de-dupe mistaken re-submissions.
marketVersion	MarketVersion		Optional parameter allowing the client to specify which version of the market the orders should be placed on. If the current market version is higher than that sent on an order, the bet will be lapsed. Useful when a customer doesn't want to bet in play and is worried that their bet might arrive after the market has turned in play.
customerStrategyRef	String		An optional reference customers can use to specify which strategy has sent the order. The reference will be returned on order change messages through the stream API. The string is limited to 15 characters. If an empty string is provided it will be treated as null.
async	boolean		An optional flag (not setting equates to false) which specifies if the orders should be placed asynchronously. Orders can be tracked via the Exchange Stream API or or the API-NG by providing a customerOrderRef for each place order. An order's status will be PENDING and no bet ID will be returned. This functionality is available for all bet types including MOC and LOC.

Return type	Description
PlaceExecutionReport	

Throws	Description
APINGException	

### cancelOrders

CancelExecutionReport cancelOrders ( MarketId marketId, List<CancelInstruction> instructions, String customerRef ) throw s APINGException

Cancel all bets OR cancel all bets on a market OR fully or partially cancel particular orders on a market. Only LIMIT orders an be cancelled or partially cancelled once placed.

Parameter name	Туре	Required	Description
marketld	MarketId		If not supplied all bets are cancelled
instructions	List <cancelinstruction></cancelinstruction>		All instructions need to be on the same market. If not supplied all bets on the market (if market id is passed) are fully cancelled
customerRef	String		Optional parameter allowing the client to pass a unique string (upto 32 chars) that is used to de-dupe mistaken re-submitions.

Return type	Description
CancelExecutionReport	

Throws	Description
APINGException	

### replaceOrders

ReplaceExecutionReport replaceOrders ( MarketId marketId, List<ReplaceInstruction> instructions, String customerRef, MarketVersion marketVersion, boolean async ) throws APINGException

This operation is logically a bulk cancel followed by a bulk place. The cancel is completed first then the new orders are placed. The new orders will be placed atomically in that they will all be placed or none will be placed.

In the case where the new orders cannot be placed the cancellations will not be rolled back. See ReplaceInstruction.

Parameter name	Туре	Required	Description
marketId	MarketId	•	The market id these orders are to be placed on
instructions	List <replaceinstruction></replaceinstruction>	•	
customerRef	String		Optional parameter allowing the client to pass a unique string (up to 32 chars) that is used to de-dupe mistaken re-submissions.
marketVersion	MarketVersion		Optional parameter allowing the client to specify which version of the market the orders should be placed on. Useful when a customer doesn't want to bet in play and is worried that their bet might arrive after the market has turned in play.
async	boolean		An optional flag (not setting equates to false) which specifies if the orders should be replaced asynchronously.  Orders can be tracked via the Exchange Stream API or the API-NG by providing a customerOrderRef for each replace order.  Not available for MOC or LOC bets.

Return type	Description
ReplaceExecutionReport	

Throws	Description
APINGException	

#### updateOrders

UpdateExecutionReport updateOrders ( MarketId marketId, List<UpdateInstruction> instructions, String customerRef ) t hrows APINGException

Update non-exposure changing fields

Parameter name	Туре	Required	Description
marketId	MarketId	0	The market id these orders are to be placed on
instructions	List <updateinstruction></updateinstruction>	<b>⊘</b>	
customerRef	String		Optional parameter allowing the client to pass a unique string (up to 32 chars) that is used to de-dupe mistaken re-submissions.

Return type	Description
UpdateExecutionReport	

Throws	Description
APINGException	

Since 1.0.0

### **listMarketProfitAndLoss**

List<MarketProfitAndLoss> listMarketProfitAndLoss ( Set<MarketId> marketIds, boolean includeSettledBets, boolean includeBspBets, boolean netOfCommission ) throws APINGException

Retrieve profit and loss for a given list of markets. The values are calculated using matched bets and optionally settled bets. Only odds markets are implemented, markets of other types are silently ignored.

Parameter name	Туре	Required	Description
marketIds	Set <marketid></marketid>	•	List of markets to calculate profit and loss
includeSettledBets	boolean		Option to include settled bets (partially settled markets only). Defaults to false if not specified.
includeBspBets	boolean		Option to include BSP bets. Defaults to false if not specified.
netOfCommission	boolean		Option to return profit and loss net of users current commission rate for this market including any special tariffs.  Defaults to false if not specified.

Return type	Description
List <marketprofitandloss></marketprofitandloss>	

Throws	Description
APINGException	

#### setDefaultExposureLimitForMarketGroups

String setDefaultExposureLimitForMarketGroupS (MarketGroupType marketGroupType, ExposureLimit limit) throws APINGException

Create/update default exposure limit for market groups of given type.

New value and breach action will be immediately applied to existing instances of this type (unless overridden using setExposureLimitForMarketGroup).

If default values are overridden for market groups (using setExposureLimitForMarketGroup), overrides will NOT be touched.

In order to clear this limit "removeDefaultExposureLimitForMarketGroups" operation should be used. It's not allowed to set default limit to an

empty limit (see type ExposureLimit).

Parameter name	Туре	Required	Description
marketGroupType	MarketGroupType	•	Market group type
limit	ExposureLimit	<b>②</b>	Default exposure limit and action

Return type	Description	
String	SUCCESS if successful	

Throws	Description
APINGException	

Since 1.0.0

#### setExposureLimitForMarketGroup

String setExposureLimitForMarketGroup (MarketGroup marketGroup, ExposureLimit limit) throws APINGException

Create/update exposure limit for a market group.

New limit will be applied immediately (even if a default limit exists for this type).

The limit will be deleted upon account action (see deleteMarketGroupExposureLimit) or when no active markets remain under market group.

It is possible to "invalidate" default limit for a specific group by using a "empty" limit (see type ExposureLimit).

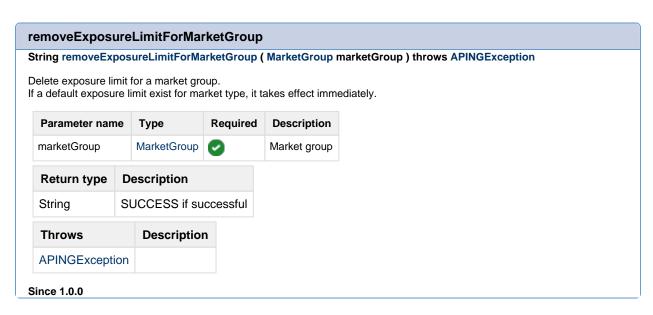
Upon successful execution of the request, the effective limit for this group will be the one set by this request (Properties will NOT be inherited from default limit).

Parameter name	Туре	Required	Description
marketGroup	MarketGroup	•	Market group
limit	ExposureLimit	•	Exposure limit

Return type	Description
String	SUCCESS if successful

Throws	Description
APINGException	





#### **IistExposureLimitsForMarketGroups**

**List<ExposureLimitsForMarketGroups> listExposureLimitsForMarketGroups (** MarketGroupType marketGroupTypeFilter, List<MarketGroup> marketGroupFilter ) **throws APINGException** 

Response to this request returns default group limit and group limits grouped by type.

If marketGroupTypeFilter is not populated values for all types are returned.

The response will always contain the default limit. It is possible to control which groups to return using marketGroupsFilter parameter.

If marketGroupsFilter is not set all group limits are returned. If an emtpy list is passed only default limit(s) is returned. When marketGroupTypeFilter and marketGroupsFilter used together, all groups in marketGroupsFilter are required to be of same type (type used in marketGroupTypeFilter).

Parameter name	Туре	Required	Description
marketGroupTypeFilter	MarketGroupType		Optionally filter results by market group type.
marketGroupFilter	List <marketgroup></marketgroup>		Optionally filter result by market groups.

Return type	Description	
List <exposurelimitsformarketgroups></exposurelimitsformarketgroups>	Exposure limits grouped by market group type	

Throws	Description
APINGException	

Since 1.0.0

#### unblockMarketGroup

String unblockMarketGroup ( MarketGroup marketGroup ) throws APINGException

Unblock a market group after it has been blocked due to the breach of a previously set exposure limit.

Parameter nan	ne	Туре	Required	Description
marketGroup		MarketGroup	•	Market group to unk
Return type	De	escription		
String	SL	JCCESS if su	ccessful	
Throws		Description	n	
APINGExcept	ion			

Since 1.0.0

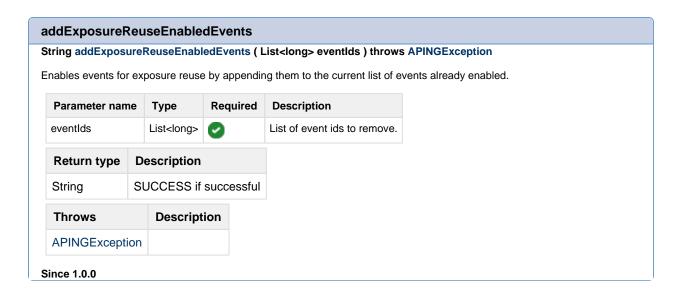
#### get Exposure Reuse Enabled Events

List<long> getExposureReuseEnabledEvents ( ) throws APINGException

Retrieves events from exposure reuse enabled events list. To edit this list use addExposureReuseEnabledEvents and removeExposureReuseEnabledEvents operations.

Return type	Description
List <long></long>	List of events enabled for exposure reuse

Throws	Description
APINGException	





#### **Events**

This interface does not define any events.

## Type definitions

Field name	Туре	Required	Description
textQuery	String		Restrict markets by any text associated with the market such as the Name, Event, Competition, etc. You can include a wildcard character as long as it is not the first character.
exchangelds	Set <exchangeid></exchangeid>		Restrict markets by the Exchange where the market operates. Note: This is not currently in use and only entities for the current exchange will be returned.

eventTypelds	Set <eventtypeid></eventtypeid>	Restrict markets by event type associated with the market. (i.e., Football, Hockey, etc)
eventIds	Set <eventid></eventid>	Restrict markets by the event id associated with the market.
competitionIds	Set <competitionid></competitionid>	Restrict markets by the competitions associated with the market.
marketlds	Set <marketid></marketid>	Restrict markets by the market id associated with the market.
venues	Set <venue></venue>	Restrict markets by the venue associated with the market. Currently only Horse Racing markets have venues.
bspOnly	boolean	Restrict to bsp markets only, if True or non-bsp markets if False. If not specified then returns both BSP and non-BSP markets
turnInPlayEnabled	boolean	Restrict to markets that will turn in play if True or will no turn in play if false. If not specified, returns both.
inPlayOnly	boolean	Restrict to markets that will turn in play if True or will no turn in play if false. If not specified, returns both.
marketBettingTypes	Set <marketbettingtype></marketbettingtype>	Restrict to markets that match the betting type of the market (i.e. Odds, Asian Handicap Singles, Asian Handicap Doubles or Line)
marketCountries	Set <countrycode></countrycode>	Restrict to markets that are in the specified country or countries
marketTypeCodes	Set <markettype></markettype>	Restrict to markets that match the type of the market (i.e., MATCH_ODDS, HALF_TIME_SCORE). You should use this instead of relying on the market name as the market type codes are the same in all locales
marketStartTime	TimeRange	Restrict to markets with a market start time before or after the specified date
withOrders	Set <orderstatus></orderstatus>	Restrict to markets that I have one or more orders in these status.
raceTypes	Set <string></string>	Restrict by race type

### MarketCatalogue

Information about a market

Field name	Туре	Required	Description
marketId	String	0	The unique identifier for the market
marketName	String	•	The name of the market
marketStartTime	Date		The time this market starts at, only returned when the MARKET_START_TIME enum is passed in the marketProjections
description	MarketDescription		Details about the market
totalMatched	double		The total amount of money matched on the market. This value is truncated at 2dp.
runners	List <runnercatalog></runnercatalog>		The runners (selections) contained in the market
eventType	EventType		The Event Type the market is contained within
competition	Competition		The competition the market is contained within. Usually only applies to Football competitions
event	Event		The event the market is contained within

### MarketBook

The dynamic data in a market

Field name	Туре	Required	Description
marketId	String	•	The unique identifier for the market
isMarketDataDelayed	boolean	•	True if the data returned by listMarketBook will be delayed. The data may be delayed because you are not logged in with a funded account or you are using an Application Key that does not allow up to date data.
status	String		The status of the market, for example ACTIVE, SUSPENDED, SETTLED, etc.
betDelay	int		The number of seconds an order is held until it is submitted into the market. Orders are usually delayed when the market is in-play
bspReconciled	boolean		True if the market starting price has been reconciled
complete	boolean		
inplay	boolean		True if the market is currently in play
numberOfWinners	int		The number of selections that could be settled as winners
numberOfRunners	int		The number of runners in the market
numberOfActiveRunners	int		The number of runners that are currently active. An active runner is a selection available for betting
lastMatchTime	Date		The most recent time an order was executed
totalMatched	double		The total amount matched. This value is truncated at 2dp.
totalAvailable	double		The total amount of orders that remain unmatched. This value is truncated at 2dp.
crossMatching	boolean		True if cross matching is enabled for this market.
runnersVoidable	boolean		True if runners in the market can be voided
version	long		The version of the market. The version increments whenever the market status changes, for example, turning in-play, or suspended when a goal score.
runners	List <runner></runner>		Information about the runners (selections) in the market.
keyLineDescription	KeyLineDescription		Description of a markets key line for valid market types

### RunnerCatalog

Information about the Runners (selections) in a market

Field name	Туре	Required	Description
selectionId	SelectionId	•	The unique id for the selection.
runnerName	String	•	The name of the runner
handicap	double	•	The handicap
sortPriority	int	•	The sort priority of this runner
metadata	Map <string,string></string,string>		Metadata associated with the runner

### Runner

The dynamic data about runners in a market

Field name	Туре	Required	Description
selectionId	SelectionId	0	The unique id of the runner (selection)
handicap	double	•	The handicap
status	String	0	The status of the selection (i. e., ACTIVE, REMOVED, WINNER, LOSER)
adjustmentFactor	double	•	The adjustment factor applied if the selection is removed
lastPriceTraded	double		The price of the most recent bet matched on this selection
totalMatched	double		The total amount matched on this runner. This value is truncated at 2dp.
removalDate	Date		If date and time the runner was removed
sp	StartingPrices		The BSP related prices for this runner
ex	ExchangePrices		The Exchange prices available for this runner
orders	List <order></order>		List of orders in the market
matches	List <match></match>		List of matches (i.e, orders that have been fully or partially executed)
matchesByStrategy	Map <string,matches></string,matches>		List of matches keyed by strategy, ordered by matched data

### **StartingPrices**

Information about the Betfair Starting Price. Only available in BSP markets

Field name	Туре	Required	Description
nearPrice	double		What the starting price would be if the market was reconciled now taking into account the SP bets as well as unmatched exchange bets on the same selection in the exchange.
farPrice	double		What the starting price would be if the market was reconciled now taking into account only the currently place SP bets. The Far Price is not as complicated but not as accurate and only accounts for money on the exchange at SP.
backStakeTaken	List <pricesize></pricesize>		
layLiabilityTaken	List <pricesize></pricesize>		
actualSP	double		The final BSP price for this runner. Only available for a BSP market that has been reconciled.

### ExchangePrices

Field name	Туре	Required	Description
availableToBack	List <pricesize></pricesize>		
availableToLay	List <pricesize></pricesize>		
tradedVolume	List <pricesize></pricesize>		

### **Event**

Event

Field name	Туре	Required	Description
id	EventId		The unique id for the event
name	String		The name of the event
countryCode	CountryCode		countryCode
timezone	String		timezone
venue	String		venue
openDate	Date		openDate

### **EventResult**

Event Result

Field name	Туре	Required	Description
event	Event		Event
marketCount	int		Count of markets associated with this event

### Competition

Competition

Field name	Туре	Required	Description
id	CompetitionId		id
name	String		name

### CompetitionResult

Competition Result

Field name	Туре	Required	Description
competition	Competition		Competition
marketCount	int		Count of markets associated with this competition
competitionRegion	String		Region in which this competition is happening

### **EventType**

EventType

Field name	Туре	Required	Description
id	EventTypeId		id
name	String		name

### **EventTypeResult**

EventType Result

Field name	Туре	Required	Description
eventType	EventType		EventType
marketCount	int		Count of markets associated with this eventType

### MarketTypeResult

MarketType Result

Field name	Туре	Required	Description
marketType	MarketType		Market Type
marketCount	int		Count of markets associated with this marketType

### CountryCodeResult

CountryCode Result

Field name	Туре	Required	Description
countryCode	CountryCode		Country Code
marketCount	int		Count of markets associated with this Country Code

### VenueResult

Venue Result

Field name	Туре	Required	Description
venue	Venue		Venue
marketCount	int		Count of markets associated with this Venue

### **TimeRange**

TimeRange

Field name	Туре	Required	Description
from	Date		from, format: ISO 8601)
to	Date		to, format: ISO 8601

### TimeRangeResult

TimeRange Result

Field name	Туре	Required	Description
timeRange	TimeRange		TimeRange
marketCount	int		Count of markets associated with this TimeRange

### Order

Field name	Туре	Required	Description
betld	Betld	•	
orderType	String	•	BSP Order type.
status	String	•	Either EXECUTABLE (an unmatched amount remains) or EXECUTION_COMPLETE (no unmatched amount remains).
persistenceType	String	•	What to do with the order at turn-in-play
side	String	•	
price	Price	•	The price of the bet.
size	Size	•	The size of the bet.
bspLiability	Size	0	Not to be confused with size. This is the liability of a given BSP bet.
placedDate	Date	•	The date, to the second, the bet was placed.
avgPriceMatched	Price		The average price matched at. Voided match fragments are removed from this average calculation. This value is not meaningful for activity on LINE markets and is not guaranteed to be returned or maintained for these markets.
sizeMatched	Size		The current amount of this bet that was matched.
sizeRemaining	Size		The current amount of this bet that is unmatched.
sizeLapsed	Size		The current amount of this bet that was lapsed.
sizeCancelled	Size		The current amount of this bet that was cancelled.
sizeVoided	Size		The current amount of this bet that was voided.
customerOrderRef	CustomerOrderRef		The customer order reference sent for this bet
customerStrategyRef	CustomerStrategyRef		The customer strategy reference sent for this bet

### **Matches**

Match list.

Field name	Туре	Required	Description
matches	List <match></match>		List of matches

### Match

An individual bet Match, or rollup by price or avg price. Rollup depends on the requested MatchProjection

Field name	Туре	Required	Description
betld	Betld		Only present if no rollup
matchId	Matchld		Only present if no rollup
side	String	<b>②</b>	
price	Price		Either actual match price or avg match price depending on rollup. This value is not meaningful for activity on LINE markets and is not guaranteed to be returned or maintained for these markets.
Size	Size	0	Size matched at in this fragment, or at this price or avg price depending on rollup
matchDate	Date		Only present if no rollup

### MarketState

Market definition

Field name	Туре	Required	Description
status	String	•	marketStatus
betDelay	int	•	betDelay
bspReconciled	boolean	•	bspReconciled
complete	boolean	•	complete
inplay	boolean	•	inplay
numberOfActiveRunners	int	•	numberActiveOfRunners
lastMatchTime	Date	•	lastMatchTime
totalMatched	Size	•	
totalAvailable	Size	•	Zero for closed markets
keyLineDescription	KeyLineDescription		Description of a markets key line for valid market types

### MarketVersion

Market version

Field name	Туре	Required	Description
version	long		A non-monotonically increasing number indicating market changes

### MarketDescription

Market definition

Field name	Туре	Required	Description
persistenceEnabled	boolean	<b>②</b>	persistenceMarket
bspMarket	boolean	•	bspMarket
marketTime	Date	•	marketTime
suspendTime	Date	0	marketSuspendTime
settleTime	Date		settled time
bettingType	String	•	bettingType
turnInPlayEnabled	boolean	•	canTurnInPlay
marketType	String	0	market base type
regulator	String	0	the market regulator
marketBaseRate	double	0	
discountAllowed	boolean	0	
wallet	String		
rules	String		
rulesHasDate	boolean		
clarifications	String		
eachWayDivisor	double		Each Way Divisor for E/W markets
lineRangeInfo	MarketLineRangeInfo		Line range info for Line markets and some variants of Handicap markets
raceType	String		An external identifier of a race type
priceLadderDescription	PriceLadderDescription		Details about the price ladder in use for this market

### MarketRates

Market Rates

Field name	Туре	Required	Description
marketBaseRate	double	<b>②</b>	marketBaseRate
discountAllowed	boolean	•	discountAllowed

### MarketLicence

Market Licence

Field name	Туре	Required	Description
wallet	String	•	The wallet from which funds will be taken when betting on this market
rules	String		The rules for this market
rulesHasDate	boolean		The market's start date and time are relevant to the rules.
clarifications	String		Clarifications to the rules for the market

### MarketLineRangeInfo

Market Line and Range Info

Field name	Туре	Required	Description
maxUnitValue	double	•	Maximum value for the outcome, in market units for this market (eg 100 runs)
minUnitValue	double	•	Minimum value for the outcome, in market units for this market (eg 0 runs)
interval	double		For Handicap and Line markets, the lines available on this market will be between the range of minUnitValue and maxUnitValue, in increments of the interval value. e.g. If marketUnit is runs, minUnitValue=10, maxUnitValue=20 and interval=0.5, then valid lines include 10, 10.5, 11, 11.5 up to 20 runs.
marketUnit	String	•	The type of unit the lines are incremented in by the interval (e.g: runs, goals or seconds)

### **PriceSize**

Field name	Туре	Required	Description
price	Price	<b>②</b>	
size	Size	•	

### CurrentOrderSummaryReport

A container representing search results.

Field name	Туре	Required	Description	
currentOrders	List <currentordersummary></currentordersummary>	•	The list of current orders returned by your query. This will be a valid list (i.e. empty or non-empty but never 'null').	
moreAvailable	boolean	0	Indicates whether there are further result items beyond this page. Note that underlying data is highly time-dependent and the subsequent search orders query might return an empty result.	

CurrentOrderSummary		

### Summary of a current order.

Field name	Туре	Required	Description
petId	Betld	•	The bet ID of the original place order.
marketld	MarketId	•	The market id the order is for.
selectionId	SelectionId	•	The selection id the order is for.
handicap	Handicap	•	The handicap of the bet.
priceSize	PriceSize	•	The price and size of the bet.
bspLiability	Size	•	Not to be confused with size. This is the liability of a given BSP bet.
side	String	0	BACK/LAY
status	String		Either EXECUTABLE (an unmatched amount remains) or EXECUTION_COMPLETE (no unmatched amount remains).
persistenceType	String	•	What to do with the order a turn-in-play.
orderType	String	•	BSP Order type.
placedDate	Date	•	The date, to the second, th bet was placed.
matchedDate	Date	•	The date, to the second, of the last matched bet fragment (where applicable
averagePriceMatched	Price		The average price matched at. Voided match fragments are removed from this average calculation. This value is not meaningfu for activity on LINE markets and is not guaranteed to be returned or maintained for these markets.
sizeMatched	Size		The current amount of this bet that was matched.
sizeRemaining	Size		The current amount of this bet that is unmatched.
sizeLapsed	Size		The current amount of this bet that was lapsed.
sizeCancelled	Size		The current amount of this bet that was cancelled.
sizeVoided	Size		The current amount of this bet that was voided.
regulatorAuthCode	String		The regulator authorisation code.
regulatorCode	String		The regulator Code.
customerOrderRef	String		The order reference define by the customer for this bet
customerStrategyRef	String		The strategy reference defined by the customer fo this bet

### ClearedOrderSummary

Summary of a cleared order.

Field name	Туре	Required	Description
eventTypeld	EventTypeld		The id of the event type bet on. Available at EVENT_TYPE groupBy level or lower.
eventId	EventId		The id of the event bet on. Available at EVENT groupBy level or lower.
marketId	MarketId		The id of the market bet on. Available at MARKET groupBy level or lower.
selectionId	SelectionId		The id of the selection bet on. Available at RUNNER groupBy level or lower.
handicap	Handicap		The id of the market bet on Available at MARKET groupBy level or lower.
betld	Betld		The id of the bet. Available at BET groupBy level.
placedDate	Date		The date the bet order was placed by the customer. Only available at BET groupBy level.
persistenceType	String		The turn in play persistence state of the order at bet placement time. This field will be empty or omitted on true SP bets. Only available at BET groupBy level.
orderType	String		The type of bet (e.g standard limited-liability Exchange bet (LIMIT), a standard BSP bet (MARKET_ON_CLOSE), o a minimum-accepted-price BSP bet (LIMIT_ON_CLOSE)). If the bet has a OrderType of MARKET_ON_CLOSE and a persistenceType of MARKET_ON_CLOSE then it is a bet which has transitioned from LIMIT to MARKET_ON_CLOSE. Only available at BET groupBy level.
side	String		Whether the bet was a bac or lay bet. Available at SIDI groupBy level or lower.
itemDescription	ItemDescription		A container for all the anciliary data and localised text valid for this Item

betOutcome	String	The settlement outcome of the bet. Tri-state (WIN/LOS /PLACE) to account for Each Way bets where the place portion of the bet won but the win portion los The profit/loss amount in this case could be positive or negative depending on the price matched at. Only available at BET groupBy level.
priceRequested	Price	The average requested price across all settled bet orders under this Item. Available at SIDE groupBy level or lower. For Line markets this is the line position requested.
settledDate	Date	The date and time the bet order was settled by Betfair Available at SIDE groupBy level or lower.
lastMatchedDate	Date	The date and time the last bet order was matched by Betfair. Available on Settled orders only.
betCount	int	The number of actual bets within this grouping (will be 1 for BET groupBy)
commission	Size	The cumulative amount of commission paid by the customer across all bets under this Item, in the account currency. Available at EXCHANGE, EVENT_TYPE, EVENT and MARKET level groupings only.
priceMatched	Price	The average matched price across all settled bets or be fragments under this Item. Available at SIDE groupBy level or lower.  This value is not meaningfu for activity on LINE markets and is not guaranteed to be returned or maintained for these markets.
priceReduced	boolean	If true, then the matched price was affected by a reduction factor due to of a runner removal from this Horse Racing market.
sizeSettled	Size	The cumulative bet size that was settled as matched or voided under this Item, in the account currency. Available at SIDE groupBy level or lower.
profit	Size	The profit or loss (negative profit) gained on this line, in the account currency

sizeCancelled	Size	The amount of the bet that was available to be matched, before cancellation or lapsing, in the account currency
customerOrderRef	String	The order reference defined by the customer for the bet order
customerStrategyRef	String	The strategy reference defined by the customer for the bet order

# ClearedOrderSummaryReport

A container representing search results.

Field name	Туре	Required	Description
clearedOrders	List <clearedordersummary></clearedordersummary>	0	The list of cleared orders returned by your query. This will be a valid list (i.e. empty or non-empty but never 'null').
moreAvailable	boolean	•	Indicates whether there are further result items beyond this page. Note that underlying data is highly time-dependent and the subsequent search orders query might return an empty result.

### ItemDescription

This object contains some text which may be useful to render a betting history view. It offers no long-term warranty as to the correctness of the text.

Field name	Туре	Required	Description
eventTypeDesc	String		The event type name, translated into the requested locale. Available at EVENT_TYPE groupBy or lower.
eventDesc	String		The eventName, or openDate + venue, translated into the requested locale. Available at EVENT groupBy or lower.
marketDesc	String		The market name or racing market type ("Win", "To Be Placed (2 places)", "To Be Placed (5 places)" etc) translated into the requested locale.  Available at MARKET groupBy or lower.
marketType	String		The market type
marketStartTime	Date		The start time of the market (in ISO-8601 format, not translated). Available at MARKET groupBy or lower.
runnerDesc	String		The runner name, maybe including the handicap, translated into the requested locale. Available at BET groupBy.
numberOfWinners	int		The numberOfWinners on a market. Available at BET groupBy.
eachWayDivisor	double		The odds divisor applicable to EachWay markets

### Runnerld

This object contains the unique identifier for a runner

Field name	Туре	Required	Description
marketId	MarketId	•	The id of the market bet on
selectionId	SelectionId	•	The id of the selection bet on
handicap	Handicap		The handicap associated with the runner in case of asian handicap markets, null otherwise.

### **PlaceInstruction**

Instruction to place a new order

Field name	Туре	Required	Description
orderType	OrderType	•	
selectionId	SelectionId	•	The selection_id.
handicap	Handicap		The handicap applied to the selection, if on an asianstyle market.
side	Side	•	Back or Lay
limitOrder	LimitOrder		
limitOnCloseOrder	LimitOnCloseOrder		
marketOnCloseOrder	MarketOnCloseOrder		
customerOrderRef	String		An optional reference the customer can set to identify instructions and it will be returned on order change messages via the stream API. No validation will be done on uniqueness and the string is limited to 32 characters. If an empty string is provided it will be treated as null.

# PlaceExecutionReport

Field name	Туре	Required	Description
customerRef	String		Echo of the customerRef if passed.
status	String	<b>②</b>	
errorCode	String		
marketld	MarketId		Echo of marketId passed
instructionReports	List <placeinstructionreport></placeinstructionreport>		

### LimitOrder

Place a new LIMIT order (simple exchange bet for immediate execution)

Field name	Туре	Required	Description
size	Size		The size of the bet. It is illegal to specify size if BetTargetType is specified.
price	Price		The limit price. For LINE markets, the price at which the bet is settled and struck will always be 2.0 (Evens). On these bets, the Price field is used to indicate the line value which is being bought or sold.
persistenceType	PersistenceType		What to do with the order at turn-in-play If no PersistenceType and TimeInForce value is specified, a PersistenceType of LAPSE will be used.

timeInForce	TimeInForce	The type of TimeInForce value to use. This value takes precedence over any PersistenceType value chosen.  If this attribute is populated along with the PersistenceType field, then the PersistenceType will be ignored.  TimeInForce bets are valid for LINE markets however Volume Weighted Average Price (VWAP) functionality is disabled.
minFillSize	Size	An optional field used if the TimeInForce attribute is populated. If specified without TimeInForce then this field is ignored. If no minFillSize is specified, the order is killed unless the entire size can be matched. If minFillSize is specified, the order is killed unless at least the minFillSize can be matched. The minFillSize cannot be greater than the order's size. If specified for a BetTargetType and FILL_OR_KILL order, then this value will be ignored
betTargetType	BetTargetType	An optional field to allow betting to a targeted PAYOUT or BACKERS_PROFIT. It is illegal to specify both a Size and BetTargetType For line markets, BetTargetType bets are invalid. Matching provides best execution at the requested price or better up to the payout or profit. If the bet is not matched completely and immediately, the remaining portion enters the unmatched pool of bets on the exchange
betTargetSize	Size	An optional field which must be specified if BetTargetType is specified for this order The requested outcome size of either the payout or profit.  This is named from the backer's perspective. For Lay bets the profit represents the bet's liability

### LimitOnCloseOrder

Place a new LIMIT\_ON\_CLOSE bet

Field n	ame	Туре	Required	Description
liability		Size	•	The size of the bet.
price		Price	•	The limit price of the bet if LOC

### MarketOnCloseOrder

Place a new MARKET\_ON\_CLOSE bet

Field name	Туре	Required	Description
liability	Size	•	The size of the bet.

### **PlaceInstructionReport**

Response to a PlaceInstruction

Field name	Туре	Required	Description
status	String	•	whether the command succeeded or failed
errorCode	String		cause of failure, or null if command succeeds
orderStatus	OrderStatus		The status of the order, if the instruction succeeded. If the instruction was unsuccessful, no value is provided.
instruction	PlaceInstruction	•	The instruction that was requested
betld	String		The bet ID of the new bet. Will be null on failure or if order was placed asynchronously.
placedDate	Date		Will be null if order was placed asynchronously
averagePriceMatched	Price		Will be null if order was placed asynchronously. This value is not meaningful for activity on LINE markets and is not guaranteed to be returned or maintained for these markets.
sizeMatched	Size		Will be null if order was placed asynchronously

### CancelInstruction

Instruction to fully or partially cancel an order (only applies to LIMIT orders)

Field name	Туре	Required	Description
betId	String	<b>②</b>	
sizeReduction	Size		If supplied then this is a partial cancel

### CancelExecutionReport

Field name	Туре	Required	Description
customerRef	String		Echo of the customerRef if passed.
status	String	<b>②</b>	
errorCode	String		
marketld	MarketId		Echo of marketId passed
instructionReports	List <cancelinstructionreport></cancelinstructionreport>		

## ReplaceInstruction

Instruction to replace a LIMIT or LIMIT\_ON\_CLOSE order at a new price. Original order will be cancelled

and a new order placed at the new price for the remaining stake.

Field name	Туре	Required	Description
betld	String	<b>②</b>	
newPrice	Price	•	The price to replace the bet at

# ReplaceExecutionReport

Field name	Туре	Required	Description
customerRef	String		Echo of the customerRef if passed.
status	String	<b>②</b>	
errorCode	String		
marketId	MarketId		Echo of marketId passed
instructionReports	List <replaceinstructionreport></replaceinstructionreport>		

# ReplaceInstructionReport

Field name	Туре	Required	Description
status	String	•	whether the command succeeded or failed
errorCode	String		cause of failure, or null if command succeeds
cancelInstructionReport	CancelInstructionReport		Cancelation report for the original order
placeInstructionReport	PlaceInstructionReport		Placement report for the new order

### CancelInstructionReport

Field name	Туре	Required	Description
status	String	<b>②</b>	whether the command succeeded or failed
errorCode	String		cause of failure, or null if command succeeds
instruction	CancelInstruction		The instruction that was requested
sizeCancelled	Size	<b>②</b>	
cancelledDate	Date	<b>②</b>	

### **UpdateInstruction**

Instruction to update LIMIT bet's persistence of an order that do not affect exposure

Field name	Туре	Required	Description
betld	String	<b>⊘</b>	
newPersistenceType	PersistenceType	•	The new persistence type to update this bet to

# UpdateExecutionReport

Field name	Туре	Required	Description
customerRef	String		Echo of the customerRef if passed.
status	String	<b>②</b>	
errorCode	String		
marketld	MarketId		Echo of marketId passed
instructionReports	List <updateinstructionreport></updateinstructionreport>		

# UpdateInstructionReport

Field name	Туре	Required	Description
status	String	$\bigcirc$	whether the command succeeded or failed
errorCode	String		cause of failure, or null if command succeeds
instruction	UpdateInstruction	•	The instruction that was requested

### **PriceProjection**

Selection criteria of the returning price data

Field name	Туре	Required	Description
priceData	Set <pricedata></pricedata>		The basic price data you want to receive in the response.
exBestOffersOverrides	ExBestOffersOverrides		Options to alter the default representation of best offer prices Applicable to EX_BEST_OFFERS priceData selection
virtualise	boolean		Indicates if the returned prices should include virtual prices. Applicable to EX_BEST_OFFERS and EX_ALL_OFFERS priceData selections, default value is false.
rolloverStakes	boolean		Indicates if the volume returned at each price point should be the absolute value or a cumulative sum of volumes available at the price and al better prices.  If unspecified defaults to false.  Applicable to EX_BEST_OFFERS and EX_ALL_OFFERS price projections.  Not supported as yet.

### **ExBestOffersOverrides**

Options to alter the default representation of best offer prices

Field name	Туре	Required	Description
bestPricesDepth	int		The maximum number of prices to return on each side for each runner. If unspecified defaults to 3.
rollupModel	RollupModel		The model to use when rolling up available sizes. If unspecified defaults to STAKE rollup model with rollupLimit of minimum stake in the specified currency.
rollupLimit	int		The volume limit to use when rolling up returned sizes. The exact definition of the limit depends on the rollupModel. If no limit is provided it will use minimum stake as default the value. Ignored in or rollup model is specified.
rollupLiabilityThreshold	double		Only applicable when rollupModel is MANAGED_LIABILITY. The rollup model switches from being stake based to liability based at the smallest lay price which is >= rollupLiabilityThreshold. service level default (TBD) Not supported as yet.
rollupLiabilityFactor	int		Only applicable when rollupModel is MANAGED_LIABILITY. (rollupLiabilityFactor * rollupLimit) is the minimum liabilty the user is deemed to be comfortable with. After the rollupLiabilityThreshold price subsequent volumes will be rolled up to minimum value such that the liability >= the minimum liability.service level default (5). Not supported as yet.

### MarketProfitAndLoss

Profit and loss in a market

Field name	Туре	Required	Description
marketId	String		The unique identifier for the market
commissionApplied	double		The commission rate applied to P&L values. Only returned if netOfCommision option is requested
profitAndLosses	List <runnerprofitandloss></runnerprofitandloss>		Calculated profit and loss data.

### RunnerProfitAndLoss

Profit and loss if selection is wins or loses

Field name	Туре	Required	Description
selectionId	SelectionId		The unique identifier for the selection
ifWin	double		Profit and loss for the market if this selection is the winner
ifLose	double		Profit and loss for the market if this selection is the loser. Only returned for multi-winner odds markets.
ifPlace	double		Profit and loss for the market if this selection is placed. Only returned for EACH_WAY markets.

### **PriceLadderDescription**

Description of the price ladder type and any related data.

Field name	Туре	Required	Description
type	PriceLadderType	$\odot$	The type of price ladder.

### KeyLineSelection

Description of a markets key line selection, comprising the selectionId and handicap of the team it is applied to.

Field name	Туре	Required	Description
selectionId	SelectionId	•	Selection ID of the runner in the key line handicap.
handicap	Handicap	•	Handicap value of the key line.

### **KeyLineDescription**

A list of KeyLineSelection objects describing the key line for the market

Field name	Туре	Required	Description
keyLine	List <keylineselection></keylineselection>	•	A list of KeyLineSelection objects

### **ExposureLimitsForMarketGroups**

Wrapper type that contains accounts exposure limits for a market group type.

If default limit exists for group type, defaultLimit value will be populated.

Group limits to return can be controller by marketGroupFilter parameter (see listExposureLimitsForMarketGroups operation).

Field name	Туре	Required	Description
marketGroupType	MarketGroupType	<b>②</b>	Market Group Type
defaultLimit	ExposureLimit		Default limit (if exists)
groupLimits	List <marketgroupexposurelimit></marketgroupexposurelimit>		Group limits for type
blockedMarketGroups	List <marketgroupid></marketgroupid>		Blocked groups due to limit breach

### MarketGroup

Represents a market group

Field name	Туре	Required	Description
type	MarketGroupType	<b>②</b>	Type of the group
id	MarketGroupId	<b>②</b>	ID of the group

### MarketGroupId

Container type for market group ID

Field name	Туре	Required	Description
eventId	long		EventId (if type is EVENT)

### LimitBreachAction

Action that should be execute when limit is breached

Field name	Туре	Required	Description
actionType	LimitBreachActionType	•	Type of the action

### MarketGroupExposureLimit

Container type for a group exposure limit

Field name	Туре	Required	Description
groupId	MarketGroupId	•	Market group ID
limit	ExposureLimit	<b>②</b>	Exposure limit

### **ExposureLimit**

Exposure limit and limit breach action.

Not populating one of total or matched parameters indicates that no limit should be set for that exposure value.

A special use of this type is when none of its parameters are populated, this can be used to override default limit to "no limit" for a specific instance of market group (see setExposureLimitForMarketGroup operation)

Field name	Туре	Required	Description
matched	double		Set a limit on matched bet exposure on market group
total	double		Set a limit on total (matched + unmatched) bet exposure on market group
limitBreachAction	LimitBreachAction		

### Type aliases Alias Type MarketType String Venue String MarketId String SelectionId long Handicap double EventId String EventTypeId String CountryCode String Exchangeld String CompetitionId String Price double double Size Betld String MatchId String CustomerOrderRef String Customer Strategy RefString

### **Enums**

Value	Description
COMPETITION	If not selected then the competition will not be returned with marketCatalogue
EVENT	If not selected then the event will not be returned with marketCatalogue
EVENT_TYPE	If not selected then the eventType will not be returned with marketCatalogue
MARKET_START_TIME	If not selected then the start time will not be returned with marketCatalogue
MARKET_DESCRIPTION	If not selected then the description will not be returned with marketCatalogue
RUNNER_DESCRIPTION	If not selected then the runners will not be returned with marketCatalogue
RUNNER_METADATA	If not selected then the runner metadata will not be returned with marketCatalogue. If selected then RUNNER_DESCRIPTION will also be returned regardless of whether it is included as a market projection.

PriceData	
Value	Description
SP_AVAILABLE	
SP_TRADED	
EX_BEST_OFFERS	
EX_ALL_OFFERS	EX_ALL_OFFERS trumps EX_BEST_OFFERS if both settings are present
EX_TRADED	

# MatchProjection

Value	Description
NO_ROLLUP	
ROLLED_UP_BY_PRICE	
ROLLED_UP_BY_AVG_PRICE	

# OrderProjection

Value	Description
ALL	
EXECUTABLE	
EXECUTION_COMPLETE	

### MarketStatus

Value	Description
INACTIVE	Inactive Market
OPEN	Open Market
SUSPENDED	Suspended Market
CLOSED	Closed Market

### RunnerStatus

Value	Description
ACTIVE	ACTIVE
WINNER	WINNER
LOSER	LOSER
REMOVED_VACANT	
REMOVED	REMOVED
PLACED	PLACED

### **TimeGranularity**

LAY

Value	Description
DAYS	
HOURS	
MINUTES	

# Value Description To back a team, horse or outcome is to bet on the selection to win. For Line markets a Back bet refers to a SELL line. A SELL line will win if the outcome is LESS THAN the taken line (price).

selection to lose.

taken line (price).

To lay a team, horse, or outcome is to bet on the

For line markets a Lay bet refers to a BUY line. A BUY line will win if the outcome is MORE THAN the

Value	Description
PENDING	An asynchronous order is yet to be processed. Once the bet has been processed by the exchange (including waiting for any in-play delay), the result will be reported and available on the Exchange Stream API and API NG. Not a valid search criteria on MarketFilter
EXECUTION_COMPLETE	An order that does not have any remaining unmatched portion.
EXECUTABLE	An order that has a remaining unmatched portion.
EXPIRED	The order is no longer available for execution due to its time in force constraint.  In the case of FILL_OR_KILL orders, this means the order has been killed because it could not be filled to your specifications.  Not a valid search criteria on MarketFilter

OrderBy		
Value	Description	
BY_BET	@Deprecated Use BY_PLACE_TIME instead. Order by placed time, then bet id.	
BY_MARKET	Order by market id, then placed time, then bet id.	
BY_PLACE_TIME	Order by placed time, then bet id. This is an alias of to be deprecated BY_BET.	
BY_MATCH_TIME	Order by time of last matched fragment (if any), then placed time, then bet id. Filters out orders which have no matched date	
BY_VOID_TIME	Order by time of last voided fragment (if any), then by last match time, then placed time, then bet id. Filters out orders which have not been voided.	
BY_SETTLED_TIME	Order by time of last settled fragment (if any), then by last match time, then placed time, then bet id. Filters out orders which have not been settled.	

SortDir		
Value	Description	
EARLIEST_TO_LATEST	Order from earliest value to latest e.g. lowest betld is first in the results.	
LATEST_TO_EARLIEST	Order from the latest value to the earliest e.g. highest betld is first in the results.	

OrderType	
Value	Description
LIMIT	A normal exchange limit order for immediate execution
LIMIT_ON_CLOSE	Limit order for the auction (SP)
MARKET_ON_CLOSE	Market order for the auction (SP)

MarketSort		
Value	Description	
MINIMUM_TRADED	Minimum traded volume	
MAXIMUM_TRADED	Maximum traded volume	
MINIMUM_AVAILABLE	Minimum available to match	
MAXIMUM_AVAILABLE	Maximum available to match	
FIRST_TO_START	The closest markets based on their expected start time	
LAST_TO_START	The most distant markets based on their expected start time	

MarketBettingType		
Value	Description	
ODDS	Odds Market	
LINE	Line markets operate at even-money odds of 2.0. However, price for these markets refers to the line positions available as defined by the markets min-max range and interval steps. Customers either Buy a line (LAY bet, winning if outcome is greater than the taken line (price)) or Sell a line (BACK bet, winning if outcome is less than the taken line (price)). If settled outcome equals the taken line, stake is returned.	
RANGE	Range Market	
ASIAN_HANDICAP_DOUBLE_LINE	Asian Handicap Market	
ASIAN_HANDICAP_SINGLE_LINE	Asian Single Line Market	
FIXED_ODDS	Sportsbook Odds Market. This type is deprecated and will be removed in future releases, when Sportsbook markets will be represented as ODDS market but with a different product type.	

# ExecutionReportStatus

Value	Description
SUCCESS	
FAILURE	
PROCESSED_WITH_ERRORS	
TIMEOUT	

# ExecutionReportErrorCode

Value	Description
ERROR_IN_MATCHER	The matcher's not healthy
PROCESSED_WITH_ERRORS	The order itself has been accepted, but at least one (possibly all) actions have generated errors
BET_ACTION_ERROR	There is an error with an action that has caused the entire order to be rejected
INVALID_ACCOUNT_STATE	Order rejected due to the account's status (suspended, inactive, dup cards)
INVALID_WALLET_STATUS	Order rejected due to the account's wallet's status
INSUFFICIENT_FUNDS	Account has exceeded its exposure limit or available to bet limit
LOSS_LIMIT_EXCEEDED	The account has exceed the self imposed loss limit
MARKET_SUSPENDED	Market is suspended
MARKET_NOT_OPEN_FOR_BETTING	Market is not open for betting, either inactive, suspended or closed
DUPLICATE_TRANSACTION	duplicate customer referece data submitted
INVALID_ORDER	Order cannot be accepted by the matcher due to the combination of actions. For example, bets being edited are not on the same market, or order includes both edits and placement
INVALID_MARKET_ID	Market doesn't exist
PERMISSION_DENIED	Business rules do not allow order to be placed
DUPLICATE_BETIDS	duplicate bet ids found
NO_ACTION_REQUIRED	Order hasn't been passed to matcher as system detected there will be no state change
SERVICE_UNAVAILABLE	The requested service is unavailable
REJECTED_BY_REGULATOR	The regulator rejected the order
NO_CHASING	A specific error code that relates to Spanish Exchange markets only which indicates that the bet placed contravenes the Spanish regulatory rules relating to loss chasing.
REGULATOR_IS_NOT_AVAILABLE	The underlying regulator service is not available.
TOO_MANY_INSTRUCTIONS	The amount of orders exceeded the maximum amount allowed to be executed
INVALID_MARKET_VERSION	The supplied market version is invalid. Max length allowed for market version is 12.
EVENT_EXPOSURE_LIMIT_EXCEEDED	Had the instructions been carried out, the account's self imposed event exposure limit would have been exceeded.
EVENT_MATCHED_EXPOSURE_LIMIT_EXCEEDED	Had the instructions been carried out, the account's self imposed matched event exposure limit would have been exceeded.
EVENT_BLOCKED	Betting on this event is blocked due to exposure limit breach. unblockMarketGroup operation should be invoked to enable betting.

# PersistenceType

Value	Description
LAPSE	Lapse the order at turn-in-play
PERSIST	Persist the order to in-play
MARKET_ON_CLOSE	Put the order into the auction (SP) at turn-in-play

# InstructionReportStatus

Value	Description
SUCCESS	
FAILURE	
TIMEOUT	

# InstructionReportErrorCode

Value	Description
INVALID_BET_SIZE	Bet size is invalid for your currency or your regulator
INVALID_RUNNER	Runner does not exist, includes vacant traps in greyhound racing
BET_TAKEN_OR_LAPSED	Bet cannot be cancelled or modified as it has already been taken or has lapsed Includes attempts to cancel/modify market on close BSP bets and cancelling limit on close BSP bets
BET_IN_PROGRESS	No result was received from the matcher in a timeout configured for the system
RUNNER_REMOVED	Runner has been removed from the event
MARKET_NOT_OPEN_FOR_BETTING	Attempt to edit a bet on a market that has closed.
LOSS_LIMIT_EXCEEDED	The action has caused the account to exceed the self imposed loss limit
MARKET_NOT_OPEN_FOR_BSP_BETTING	Market now closed to bsp betting. Turned in-play or has been reconciled
INVALID_PRICE_EDIT	Attempt to edit down the price of a bsp limit on close lay bet, or edit up the price of a limit on close back bet
INVALID_ODDS	Odds not on price ladder - either edit or placement
INSUFFICIENT_FUNDS	Insufficient funds available to cover the bet action. Either the exposure limit or available to bet limit would be exceeded
INVALID_PERSISTENCE_TYPE	Invalid persistence type for this market, e.g. KEEP for a non bsp market
ERROR_IN_MATCHER	A problem with the matcher prevented this action completing successfully
INVALID_BACK_LAY_COMBINATION	The order contains a back and a lay for the same runner at overlapping prices. This would guarantee a self match. This also applies to BSP limit on close bets

ERROR_IN_ORDER	The action failed because the parent order failed
INVALID_BID_TYPE	Bid type is mandatory
INVALID_BET_ID	Bet for id supplied has not been found
CANCELLED_NOT_PLACED	Bet cancelled but replacement bet was not placed
RELATED_ACTION_FAILED	Action failed due to the failure of a action on which this action is dependent
NO_ACTION_REQUIRED	the action does not result in any state change. eg changing a persistence to it's current value
INVALID_MIN_FILL_SIZE	The minFillSize must be greater than zero and less than or equal to the order's size. The minFillSize cannot be less than the minimum bet size for your currency
INVALID_CUSTOMER_ORDER_REF	The supplied customer order reference is too long.
TIME_IN_FORCE_CONFLICT	You may only specify a time in force on either the place request OR on individual limit order instructions (not both), since the implied behaviors are incompatible.
UNEXPECTED_PERSISTENCE_TYPE	You have specified a persistence type for a FILL_OR_KILL order, which is nonsensical because no umatched portion can remain after the order has been placed.
INVALID_ORDER_TYPE	You have specified a time in force of FILL_OR_KILL, but have included a non-LIMIT order type.
UNEXPECTED_MIN_FILL_SIZE	You have specified a minFillSize on a limit order, where the limit order's time in force is not FILL_OR_KILL. Using minFillSize is not supported where the time in force of the request (as opposed to an order) is FILL_OR_KILL.
INVALID_CUSTOMER_STRATEGY_REF	The supplied customer strategy reference is too long.
BET_LAPSED_PRICE_IMPROVEMENT_TOO_LAR GE	Your bet is lapsed. There is better odds than requested available in the market, but your preferences don't allow the system to match your bet against better odds. Change your betting preferences to accept better odds if you don't want to receive this error.

RollupModel	
Value	Description
STAKE	The volumes will be rolled up to the minimum value which is >= rollupLimit.
PAYOUT	The volumes will be rolled up to the minimum value where the payout( price * volume ) is >= rollupLimit. On a LINE market, volumes will be rolled up where payout( 2.0 * volume ) is >= rollupLimit.
MANAGED_LIABILITY	The volumes will be rolled up to the minimum value which is >= rollupLimit, until a lay price threshold.  There after, the volumes will be rolled up to the minimum value such that the liability >= a minimum liability.  Not supported as yet.
NONE	No rollup will be applied. However the volumes will be filtered by currency specific minimum stake unless overridden specifically for the channel.

GroupBy	
Value	Description
EVENT_TYPE	A roll up of settled P&L, commission paid and number of bet orders, on a specified event type
EVENT	A roll up of settled P&L, commission paid and number of bet orders, on a specified event
MARKET	A roll up of settled P&L, commission paid and number of bet orders, on a specified market
RUNNER	A roll up of settled P&L and the number of bet orders, on a specified runner within a specified market
SIDE	An averaged roll up of settled P&L, and number of bets, on the specified side of a specified selection within a specified market, that are either settled or voided
BET	The P&L, commission paid, side and regulatory information etc, about each individual bet order
STRATEGY	A roll up of settled P&L and the number of bet orders, on a specified strategy across the Betfair Exchange

BetStatus	
Value	Description
SETTLED	A matched bet that was settled normally
VOIDED	A matched bet that was subsequently voided by Betfair, before, during or after settlement
LAPSED	Unmatched bet that was cancelled by Betfair (for example at turn in play).
CANCELLED	Unmatched bet that was cancelled by an explicit customer action.

TimeInForce	
Value	Description
FILL_OR_KILL	Execute the transaction immediately and completely (filled to size or between minFillSize and size) or not at all (cancelled). For LINE markets Volume Weighted Average Price (VWAP) functionality is disabled.

BetTargetType	
Value	Description
PAYOUT	The total payout requested on a LimitOrder. BetTargetType bets are invalid for LINE markets.
BACKERS_PROFIT	The payout requested minus the calculated size at which this LimitOrder is to be placed.  BetTargetType bets are invalid for LINE markets.

PriceLadderType PriceLadderType	
Value	Description
CLASSIC	Price ladder increments traditionally used for Odds Markets.
FINEST	Price ladder with the finest available increment, traditionally used for Asian Handicap markets.
LINE_RANGE	Price ladder used for LINE markets. Refer to MarketLineRangeInfo for more details.

MarketGroupType		
Value	Description	
EVENT	An exchange event that has markets under it. EventId should be used as groupId parameter of MarketGroup type.	

LimitBreachActionType		
Value	Description	
REJECT_BETS	Bet placements for market group will be rejected if they breach limit. For every bet placement exposure values will be compared against limit values.	
STOP_BETTING	Bet placements for market group will be rejected. Once the limit is breached account should use unblockMarketGroup to unlock market group.  Note that this type is only applicable to matched exposure limit	
TEAR_DOWN_MARKET_GROUP	Bet placements for market group will be rejected. Service will initiate a request to cancel unmatched bets under market group. Once the limit is breached account should use unblockMarketGroup to unlock market group.  Note that this type is only applicable to matched exposure limit	

# **Exceptions**

### **APINGException**

This exception is thrown when an operation fails

Error code	Description	
TOO_MUCH_DATA	The operation requested too much data	
INVALID_INPUT_DATA	Invalid input data	
INVALID_SESSION_INFORMATION	The session token passed is invalid	
NO_APP_KEY	An application key is required for this operation	
NO_SESSION	A session token is required for this operation	
UNEXPECTED_ERROR	An unexpected internal error occurred that prevented successful request processing.	
INVALID_APP_KEY	The application key passed is invalid	
TOO_MANY_REQUESTS	There are too many pending requests	
SERVICE_BUSY	The service is currently too busy to service this request	
TIMEOUT_ERROR	Internal call to downstream service timed out	
APP_KEY_CREATION_FAILED	The application key creation has failed	
DUPLICATE_APP_NAME	The application name specified already exists	
APP_CREATION_FAILED	The application name specified is too long	
REQUEST_SIZE_EXCEEDS_LIMIT	The request has exceeded the maximum allowed size	
ACCESS_DENIED	The access to this functionality is not allowed	
INVALID_MARKET_GROUP	Provided market group id does not identify a known market group	
EXPOSURE_LIMIT_NOT_EXIST	Unable to delete/update limit as it doesn't exist	
MARKET_GROUP_NOT_BLOCKED	Unable to unblock market group after exposure limit breach, market group is not blocked	

Other parameters	Туре	Required	Description
errorDetails	String		the stack trace of the error
requestUUID	String		