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# Pinnacle Sports API Specification v1.0

(updated: 07/03/2014)

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## Version Control

Version	Date	Change
1.0.0	2013/08/23	Initial release
1.0.1	2013/11/04	<div>1. Added betterLineWasAccepted parameter to Place Bet response</div> <div>2. Added following parameter to Get Bets response<ul style="list-style-type: none"><li>· pitcher1</li><li>· pitcher2</li><li>· pitcher1MustStart</li><li>· pitcher2MustStart</li></ul></div> <div>3. Added LISTED_PITCHERS_SELECTION_ERROR to PLACEBET_ERROR_CODE enum</div>
1.0.2	2013/11/14	Added the following properties to the Get Bets response: <ul style="list-style-type: none"><li>· team1</li><li>· team2</li></ul>
1.0.3	2013/12/09	Corrected wording: <ul style="list-style-type: none"><li>· In Place Bet Response, updated Description column for errCode parameter</li><li>· Getting Started, Step 2 - Get Lines, Note</li></ul>
1.0.4	2014/01/27	Added period number description to Place Bet request, Get Feed response and Get Line request Added Get Feed operation example in PHP
1.0.5	2014/02/10	Added to Overview “Please note that in order to access Pinnacle Sports API the account must be funded”

# Overview

Pinnacle Sports API is a RESTful service for lines offering and betting on spread, total points, money line and team total for all sports. Current version does not support betting on accumulators, teasers and propositions (contests).

Please note that in order to access Pinnacle Sports API the account must be funded.

## Data Formats

There are 2 groups of operations:

Group 1 - These operations support only XML format of the response:

- Get Sports
- Get Leagues
- Get Feed
- Get Currencies

Group 2 - These operations support XML and JSON format:

- Get Client Balance
- Place Bet
- Get Line
- Get Bets

For these methods you can use HTTP content negotiation for the response format. HTTP Request must have:

```
Accept: application/json

Or

Accept: application/xml
```

For POST requests you can use JSON and XML formats. HTTP Request must have:

```
Content-Type: application/json

Or

Content-Type: application/xml
```

## Compression

API supports HTTP compression. We recommend using compression as it would give the best performances.

## Date time

All dates and times are in UTC time zone, ISO 8601 format

# Authentication

API use HTTP Basic access authentication . Always use HTTPS to access the API. You need to send HTTP Request header like this:

```
Authorization: Basic <Base64 value of UTF-8
encoded "username:password">

For example:

Authorization: Basic U03MyOT23YbzMDc6d3c3O1DQ1
```

# Operations

## Get Sports

Returns all sports with the status whether they currently have lines or not.

### Request

GET v1/sports

No request parameters

URL Example:  
*https://api.pinnaclesports.com/v1/sports*

### Response

Response is only in XML.

Rsp Type

Parameter	Type	Optional	Description
@status	FEED_STATUS_RESPONSE	No	Status of the response
sports	Sport type	Yes	Sports container. It will be present if @status = "ok"
err	GenericException2 type	Yes	Error details. It will be present if @status = "fail"

Sport type

Parameter	Type	Optional	Description
@id	Int	No	Sport Id
@feedContents	BOOLEAN2	No	Whether the sport currently has lines
sport	String	No	Sport name

Example of successful response

```
<rsp status="ok">
<sports>
<sport id="1" feedContents="0">Badminton</sport>
<sport id="3" feedContents="1">Baseball</sport>
<sport id="4"
feedContents="1">Basketball</sport>
<sport id="6" feedContents="0">Boxing</sport>
<sport id="8" feedContents="0">Cricket</sport>
<sport id="9" feedContents="0">Curling</sport>
<sport id="10" feedContents="0">Darts</sport>
<sport id="11" feedContents="0">Darts (Legs)
</sport>
<sport id="12" feedContents="0">E Sports</sport>
<sport id="14"
feedContents="0">Floorball</sport>
<sport id="15" feedContents="1">Football</sport>
<sport id="16" feedContents="0">Futsal</sport>
<sport id="17" feedContents="0">Golf</sport>
<sport id="18" feedContents="0">Handball</sport>
<sport id="19" feedContents="0">Hockey</sport>
<sport id="20" feedContents="0">Horse
Racing</sport>
<sport id="22" feedContents="0">Mixed Martial
Arts</sport>
<sport id="23" feedContents="0">Other
Sports</sport>
<sport id="24" feedContents="0">Politics</sport>
<sport id="26" feedContents="0">Rugby
League</sport>
<sport id="27" feedContents="0">Rugby
Union</sport>
<sport id="28" feedContents="0">Snooker</sport>
<sport id="29" feedContents="1">Soccer</sport>
<sport id="30" feedContents="0">Softball</sport>
<sport id="31" feedContents="0">Squash</sport>
<sport id="32" feedContents="0">Table
Tennis</sport>
<sport id="33" feedContents="0">Tennis</sport>
<sport id="34"
feedContents="0">Volleyball</sport>
<sport id="35" feedContents="0">Volleyball
(Points)</sport>
<sport id="36" feedContents="0">Water
Polo</sport>
<sport id="39" feedContents="1">Aussie
Rules</sport>
</sports>
</rsp>
```

Example of response with an error

```
<rsp status="fail">
<err code="99">Internal server error</err>
</rsp>
```

## Get Leagues

Returns all sports leagues with the status whether they currently have lines or not.

### Request

GET v1/leagues?sportid={sportid}

Parameter	Type	Optional	Description
sportId	Int	No	Sport id for which the leagues are requested

Example

To get all leagues for baseball:  
https://api.pinnaclesports.com/v1/leagues?sportid=3

### Response

Response is only in XML.

Rsp type

Parameter	Type	Optional	Description
@status	FEED_STATUS_RESPONSE	No	Status of the response

sportId	Int	Yes	Echo of the requested sport id. It will be present if @status = “ok”
leagues	Array of League	Yes	Leagues container. It will be present if @status = “ok”
err	GenericException2 type	Yes	Error details. It will be present if @status = “fail”

League

Parameter	Type	Optional	Description
id	Int	No	League id
feedContents	BOOLEAN2	No	Whether the sport currently has lines
league	String	No	Name of the league

Example of successful response

```
<rsp status="ok">
<sportId>3</sportId>
<leagues>
<league id="214" feedContents="1">MLB Alternate
Runlines</league>
<league id="216" feedContents="0">All Star
Friendlies</league>
<league id="217" feedContents="0">Asia
Series</league>
<league id="218" feedContents="0">Asian Games -
World</league>
<league id="220" feedContents="1">NCAA
Baseball</league>
<league id="225" feedContents="0">European
Championships</league>
<league id="231" feedContents="1">Italy - Serie
A1</league>
<league id="232" feedContents="1">Japan - All
Star</league>
<league id="233" feedContents="0">Japan -
Central League</league>
<league id="234" feedContents="0">Japan - Inter
League</league>
<league id="235" feedContents="1">Japan Baseball
LIVE</league>
<league id="236" feedContents="0">Japan -
Pacific League</league>
<league id="237" feedContents="0">Nippon Series
(Championship)</league>
<league id="238" feedContents="0">Konami Cup
Asia Series</league>
<league id="6227" feedContents="0">Korea
Professional Baseball</league>
<league id="241" feedContents="0">Little League
World Series</league>
<league id="244" feedContents="0">Mexican
League</league>
<league id="246" feedContents="0">MLB</league>
<league id="247" feedContents="0">MLB
Live</league>
<league id="5425" feedContents="0">MLB - Pre
Season</league>
<league id="251" feedContents="0">Baseball
Games</league>
<league id="252" feedContents="0">Olympic
Qualifier</league>
<league id="255" feedContents="0">Pan American
Games</league>
<league id="256" feedContents="0">Campeonato
Nacional de Beisbol Mayor</league>
<league id="257" feedContents="0">Serie Del
Caribe</league>
<league id="262" feedContents="0">Venezuela -
Liga Profesional</league>
<league id="264" feedContents="0">WNCAA
Softball</league>
<league id="265" feedContents="0">World Cup
Baseball</league>
<league id="266" feedContents="0">World Baseball
Classic</league>
</leagues>
</rsp>
```

Example of response with an error

```
<rsp status="fail">
<err code="1">Invalid sport ID</err>
</rsp>
```

## Get Feed

Returns current lines.

### Request

GET /v1/feed?sportid={sportid}&leagueid={leagueid}&last={last}&oddsformat={oddsformat}&islive={islive}&currencycode={currencycode}

Parameter	Type	Optional	Description
sportId	Int	Yes	The sportid for which the feed is desired. Mandatory only if islive parameter is not set and is not equal to "1".
leagueId	String	Yes	The league id that belongs to the same sport Id. If sportid/leagueid is an invalid pair, no results will be returned. You can also pass multiple leagues separated by a dash "-". Please see the examples below.

oddsFormat	FEED_ODDS_FORMAT_TYPE	Yes	Default is American. If otherwise specified, returns odds in different format.
last	Long	Yes	This is used to receive incremental updates. Use the value of feedTime from previous feed response. When last parameter is not provided, the response does not return the freshest lines. Please always use last parameter to get the freshest line changes.
islive	BOOLEAN2	Yes	To retrieve ONLY live games set the value to islive=1. If sportid is provided along with the request, the result will be related to a single sport. islive=0 cannot be used without the sportid parameter. This ensures that the speed of the feed is not compromised.
currencyCode	String	Yes	To convert amounts (such as maximum bet amount) to another currency. If omitted, the default is United States Dollar (USD). The currency code should be one from the Get Currencies operation response.

URL Examples

All soccer lines:  
https://api.pinnaclesports.com/v1/feed?sportid=29

Soccer line changes since last refresh:  
https://api.pinnaclesports.com/v1/feed?sportid=29&last=1373383152874

All live Soccer lines:  
https://api.pinnaclesports.com/v1/feed?sportid=29&islive=1

Live Soccer line changes since last refresh:  
https://api.pinnaclesports.com/v1/feed?sportid=29&islive=1&last=1373383152874

Selected soccer leagues:  
https://api.pinnaclesports.com/v1/feed?sportid=29&leagueid=1728-1792-1817

Selected soccer leagues line changes since last refresh:  
https://api.pinnaclesports.com/v1/feed?sportid=29&leagueid=1728-1792-1817&last=1373383152874

Response

Response is only in XML

Rsp Type

Parameter	Type	Optional	Description
@status	FEED_STATUS_RESPONSE	No	Status of the response
fd	Feed type	Yes	Container of the successful response. It will be present if @status = “ok”
err	GenericException2 type	Yes	Error details. It will be present if @status = “fail”

Feed Type

Parameter	Type	Optional	Description
@fdTime	Long	No	Feed timestamp. Use this value for the subsequent feed requests for last query parameter to get just the line changes since previous response.
sports	Array of FeedSport type	No	Container for sports. Can be empty array if we currently don't have any offerings for the requested sport.

FeedSport Type

Parameter	Type	Optional	Description
id	Int	No	Sport id
leagues	Array of FeedLeague type	No	Container for leagues

FeedLeague Type

Parameter	Type	Optional	Description
id	Int	No	League id
events	Array of FeedEvent type	No	Container for events

FeedEvent Type

Parameter	Type	Optional	Description
id	Int	No	Event id
startDateTime	Date Time	No	Date time when the event starts
IsLive	YES_NO_TYPE	No	Whether or not the event is dealt for live betting
status	EVENT_STATUS	No	Status of the event.

drawRotNum	Int	Yes	Rotation number for draw. Present only for sports/leagues where draw is possible.
awayTeam	FeedTeam type	No	Container for away team
homeTeam	FeedTeam type	No	Container for home team
periods	Array of FeedPeriod type	No	Container for periods

FeedTeam Type

Parameter	Type	Optional	Description
@type	TEAM_TYPE	No	Team type
Name	String	No	Team name
rotNum	Int	No	Rotation number
pitcher	String	Yes	Pitcher name. Only for baseball.
score	Int	Yes	Current score. Only for live soccer events.
redCards	Int	Yes	Current red cards. Only for live soccer events.

FeedPeriod Type

Parameter	Type	Optional	Description
@lineId	Int	No	Line id
number	Int	No	This represents the period of the match. For example, for soccer we have: 0 - Game 1 - 1st Half 2 - 2nd Half
description	String		Period type description
cutoffDateTime	Date Time	No	Period's wagering cut off date
spreads	Array of FeedSpread type	Yes	Container for spread lines
totals	Array of FeedTotalPoints type	Yes	Container for total lines
moneyLine	Array of FeedMoneyline type	Yes	Container for moneyLine lines
teamTotals	FeedTeamTotalPointsContainer type	Yes	Container for team total points
maxBetAmount	FeedMaxBet type		Container for maximum bet amounts

FeedMaxBet Type

Parameter	Type	Optional	Description
spread	Decimal	Yes	Maximum spread bet
totalPoints	Decimal	Yes	Maximum total points bet
moneyLine	Decimal	Yes	Maximum moneyline bet
teamTotals	Decimal	Yes	Maximum team total points bet

FeedSpread Type

Parameter	Type	Optional	Description
@altLineId	Int	Yes	This is present only if it's is alternative line
awaySpread	Decimal	No	Away team handicap
awayPrice	Decimal	No	Away team price
homeSpread	Decimal	No	Home team handicap
homePrice	Decimal	No	Home team handicap

FeedMoneyline Type

Parameter	Type	Optional	Description
awayPrice	Decimal	No	Away team price
homePrice	Decimal	No	Home team price
drawPrice	Decimal	Yes	Draw price. This is present only for events we offer price for draw

FeedTotalPoints Type

Parameter	Type	Optional	Description
@altLineId	Int	Yes	This is present only if it's alternative line
points	Decimal	No	Total points
overPrice	Decimal	No	Over price
underPrice	Decimal	No	Under price

Parameter	Type	Optional	Description
homeTeamTotal	TotalPoints	Yes	Home team total points
awayTeamTotal	TotalPoints	Yes	Away team total points

Example of successful response

```
<rsp status="ok">
  <fd>
    <fdTime>1372336682214</fdTime>
    <sports>
      <sport>
        <id>29</id>
        <leagues>
          <league>
            <id>2436</id>
            <events>
              <event>
                <startDateTime>2013-06-28T00:31:00Z</startDateTime>
                <id>309893600</id>
                <IsLive>Yes</IsLive>
                <status>0</status>
                <drawRotNum>25</drawRotNum>
                <homeTeam type="Team1">
                  <name>AC Milan</name>
                  <rotNum>23</rotNum>
                  <score>1</score>
                </homeTeam>
                <awayTeam type="Team2">
                  <name>AS Roma</name>
                  <rotNum>24</rotNum>
                  <score>2</score>
                </awayTeam>
                <periods>
                  <period lineId="103648769">
                    <number>0</number>
                    <description>Game</description>
                    <cutoffDateTime>2013-06-28T00:31:00Z</cutoffDateTime>
                    <spreads>
                      <spread>
                        <awaySpread>1</awaySpread>
                        <awayPrice>105</awayPrice>
                        <homeSpread>-1</homeSpread>
                        <homePrice>-115</homePrice>
                      </spread>
                      <spread altLineId="186287960">
                        <awaySpread>1.25</awaySpread>
                        <awayPrice>-121</awayPrice>
                        <homeSpread>-1.25</homeSpread>
                        <homePrice>110</homePrice>
                      </spread>
                    </spreads>
                    <totals>
                      <total>
                        <points>1</points>
                        <overPrice>-105</overPrice>
                        <underPrice>-105</underPrice>
                      </total>
                      <total altLineId="186287961">
                        <points>0.75</points>
                        <overPrice>110</overPrice>
                        <underPrice>-124</underPrice>
                      </total>
                    </totals>
                    <moneyLine>
                      <awayPrice>112</awayPrice>
                      <homePrice>121</homePrice>
                      <drawPrice>131</drawPrice>
                    </moneyLine>
                    <teamTotals>
                      <homeTeamTotal>
                        <total>1</total>
                        <overPrice>-105</overPrice>
                        <underPrice>-105</underPrice>
                      </homeTeamTotal>
                      <awayTeamTotal>
                        <total>2</total>
                        <overPrice>-105</overPrice>
                        <underPrice>-105</underPrice>
                      </awayTeamTotal>
                    </teamTotals>
                    <maxBetAmount>
                      <spread>4000</spread>
                      <totalPoints>4000</totalPoints>
                      <moneyLine>2000</moneyLine>
                      <teamTotals>5000</teamTotals>
                    </maxBetAmount>
                  </period>
                </periods>
              </event>
            </events>
          </league>
        </leagues>
      </sport>
    </sports>
  </fd>
</rsp>
```

Example of response with an error

```
<rsp status="fail">
  <err code="1">Invalid sport ID</err>
</rsp>
```

## Get Currencies

Returns the list of supported currencies

### Request

GET v1/currencies

No parameters.

URL Example  
*https://api.pinnaclesports.com/v1/currencies*

**Response**

Rsp Type

Parameter	Type	Optional	Description
@status	FEED_STATUS_RESPONSE	No	Status of the response
currencies	Array of Currency type	No	Currencies container. It will be present if @status = “ok”
err	GenericException2 type	Yes	Root of the response with an error. It will be present if @status = “fail”

Currency Type

Parameter	Type	Optional	Description
@code	String	No	Currency code
currency	String	No	Currency name

Example of successful response

```
<rsp status="ok">
<currencies>
<currency code="AUD">Australia Dollars
</currency>
<currency code="CAD">Canada Dollars</currency>
<currency code="CNY">China Yuan
Renmimbi</currency>
<currency code="CSK">Czech Republic
Koruna</currency>
<currency code="DKK">Denmark Kroner</currency>
<currency code="EUR">Euro</currency>
<currency code="GBP">United Kingdom
Pounds</currency>
<currency code="HKD">Hong Kong
Dollars</currency>
<currency code="JPY">Japan Yen</currency>
<currency code="MXP">Mexico Pesos</currency>
<currency code="MYR">Malaysia Ringgit</currency>
<currency code="NOK">Norway Kroner</currency>
<currency code="NZD">New Zealand
Dollars</currency>
<currency code="PLZ">Poland Zloty</currency>
<currency code="RUB">Russian Rouble</currency>
<currency code="SEK">Sweden Krona</currency>
<currency code="SGD">Singapore
Dollars</currency>
<currency code="THB">Thailand Baht</currency>
<currency code="TWD">Taiwan Dollars</currency>
<currency code="USD">United States
Dollars</currency>
</currencies>
</rsp>
```

Example of response with an error

```
<rsp status="fail">
<err code="99">Internal server error</err>
</rsp>
```

## Get Client Balance

Returns current client balance.

GET /v1/client/balance

**Request**

No request parameters

URL Example  
*https://api.pinnaclesports.com/v1/client/balance*

**Response**

Table 1 - Get Client Balance Response

Parameter	Type	Required	Description
availableBalance	decimal	Yes	Amount available for betting
outstandingTransactions	decimal	Yes	Sum of not yet settled bet amounts
givenCredit	decimal	Yes	Client's credit
currency	decimal	Yes	Client's currency code

*JSON example*

```
{
  "availableBalance":49354.37,
  "outstandingTransactions":533.84,
  "givenCredit":50000.0,
```



```
"currency": "CAD"
}
```

XML example

```
<clientBalanceResponse>
<availableBalance>49354.37</availableBalance>
<currency>CAD</currency>
<givenCredit>50000</givenCredit>
<outstandingTransactions>533.84</outstandingTransactions>
</clientBalanceResponse>
```

Throws

GenericException type

Place Bet

Place bet in the system.

POST /v1/bets/place

Request

Table 2 - Place Bet Request

Parameter	Type	Required	Description
uniqueRequestId	GUID	Yes	This unique id of the place bet requests. This is to support idempotent requests
acceptBetterLine	BOOLAEN	Yes	Whether or not to accept a bet when there is a line change in favor of the client
customerReference	String	No	Reference to a customer in third party system.
oddsFormat	ODDS_FORMAT	Yes	Bet is processed with this odds format.
stake	Decimal	Yes	Wagered amount in Client's currency
winRiskStake	WIN_RISK_TYPE	Yes	Whether the stake amount is risk or win amount
sportId	Int	Yes	This represents the period of the match. For example, for soccer we have:  0 - Game  1 - 1st Half  2 - 2nd Half
eventId	Int	Yes	
periodNumber	Int	Yes	
betType	BET_TYPE	Yes	
team	TEAM_TYPE	No	Chosen team type. This is needed only for SPREAD, MONEYLINE and TEAM_TOTAL_POINTS bet types
side	SIDE_TYPE	No	Chosen side. This is needed only for TOTAL_POINTS and TEAM_TOTAL_POINTS bet type
lineId	Int	Yes	Line identification
altLineId	Int	No	Alternate line identification
pitcher1MustStart	BOOLAEN	No	Baseball only. Refers to the pitcher for TEAM_TYPE.Team1. This applicable only for MONEYLINE bet type, for all other bet types this has to be TRUE
pitcher2MustStart	BOOLAEN	No	Baseball only. Refers to the pitcher for TEAM_TYPE.Team2. This applicable only for MONEYLINE bet type, for all other bet types this has to be TRUE

JSON Example

```
{
  "uniqueRequestId": "3ca3e7a7-12e1-4907-8b84-00f02e814b1d",
  "acceptBetterLine": "TRUE",
  "stake": 150,
  "winRiskStake": "WIN",
  "lineId": 103648474,
  "sportId": 29,
  "eventId": 307962592,
  "periodNumber": 0,
  "betType": "MONEYLINE",
  "team": "DRAW",
  "oddsFormat": "AMERICAN"
}
```

XML Example

```
<placeBetRequest>
<uniqueRequestId>3ca3e7a7-12e1-4907-8b84-00f02e814b1d</uniqueRequestId>
<acceptBetterLine>TRUE</acceptBetterLine>
<stake>150</stake>
<winRiskStake>WIN</winRiskStake>
<lineId>103648474</lineId>
<sportId>29</sportId>
<eventId>307962592</eventId>
<periodNumber>0</periodNumber>
<betType>MONEYLINE</betType>
<team>DRAW</team>
<oddsFormat>AMERICAN</oddsFormat>
</placeBetRequest>
```

Response

Table 3 - Place Bet Response

Parameter	Type	Required	Description
status	PLACEBET_RESPONSE_STATUS	Yes	
errorCode	PLACEBET_ERROR_CODE	No	If Status is PROCESSED_WITH_ERROR, errorCode will be in the response.
betId	Int	No	The bet ID of the new bet. May be empty on failure.
uniqueRequestId	GUID	Yes	Echo of the uniqueRequestId from the request.
betterLineWasAccepted	BOOLAEN	Yes	Whether or not the bet was accepted on the line that changed in favour of client.  This can be true only if acceptBetterLine in the Place Bet request is set to TRUE.

JSON Example - Accepted bet

```
{
  "status": "ACCEPTED",
  "errorCode": null,
  "betId": 309891823,
  "uniqueRequestId": "3ca3e7a7-12e1-4907-8b84-00f02e814b1d",
  "betterLineWasAccepted": true,
}
```

JSON Example - Bet processed with error

```
{
  "status": "PROCESSEDWITHERROR",
  "errorCode": "LINE_CHANGED",
  "betId": null,
  "uniqueRequestId": "3ca3e7a7-12e1-4907-8b84-00f02e814b1d"
}
```

XML Example - Accepted bet

```
<placeBetResponse>
<betId>309891825</betId>
<errorCode nil="true" />
<status>ACCEPTED</status>
<uniqueRequestId>3ca3e7a7-12e1-4907-8b84-00f02e814b1d</uniqueRequestId>
</placeBetResponse>
```

JSON Example - Bet processed with error

```
<placeBetResponse>
<betId nil="true" />
<errorCode>LINE_CHANGED</errorCode>
<status>PROCESSEDWITHERROR</status>
<uniqueRequestId>3ca3e7a7-12e1-4907-8b84-00f02e814b1d</uniqueRequestId>
<betterLineWasAccepted>true</betterLineWasAccepted>
</placeBetResponse>
```

Throws

GenericException type

Returns latest line.

Request

GET /v1/line?sportId={sportId}&leagueId={leagueId}&eventId={eventId}&periodNumber={periodNumber}&betType={betType}&team={team}&side={side}&handicap={handicap}

Table 4 - Get Line Request

Parameter	Type	Required	Description
sportId	Int	Yes	
leagueId	Int	Yes	
eventId	Int	Yes	
periodNumber	Int	Yes	This represents the period of the match. For example, for soccer we have:  0 - Game  1 - 1st Half  2 - 2nd Half
betType	BET_TYPE	Yes	
team	TEAM_TYPE	No	Chosen team type. This is needed only for SPREAD, MONEYLINE and TEAM_TOTAL_POINTS bet types
side	SIDE_TYPE	No	Chosen side. This is needed only for TOTAL_POINTS and TEAM_TOTAL_POINTS bet type
handicap	Decimal	No	This is needed for SPREAD, TOTAL_POINTS and TEAM_TOTAL_POINTS bet type
oddsFormat	ODDS_FORMAT	Yes	

URL Example

https://api.pinnaclesports.com/v1/line?sportId=29&leagueId=1728&eventId=308195882&betType=SPREAD&oddsFormat=DECIMAL&periodNumber=0&team=TEAM1&handicap=-1

Response

Table 5 - Get Line Response

Parameter	Type	Required	Description
status	GETLINE_RESPONSE_STATUS	Yes	If the value is NOT_EXISTS, than this will be the only parameter in the response. All other params would be empty.
price	Decimal	No	Latest price
lineId	Int	No	Line identification needed to place a bet
altLineId	Int	No	This would be needed to place the bet if the handicap is on alternate line, otherwise it will not be in the response.
team1Score	Int	No	Away team score. Applicable to soccer only
team2Score	Int	No	Home team score. Applicable to soccer only
team1RedCards	Int	No	Away team red cards. Applicable to soccer only.
team2RedCards	Int	No	Away team red cards. Applicable to soccer only.
maxRiskStake	Decimal	No	Maximum bettable risk amount
minRiskStake	Decimal	No	Minimum bettable risk amount
maxWinStake	Decimal	No	Maximum bettable win amount
minWinStake	Decimal	No	Minimum bettable win amount
effectiveAsOf	Date Time	No	Line is effective as of this date and time

JSON Example

```
{
  "status": "SUCCESS",
  "price": 1.952,
  "lineId": 100282782,
  "altLineId": null,
  "team1Score": null,
  "team2Score": null,
  "team1RedCards": null,
  "team2RedCards": null,
  "maxRiskStake": 4061.76,
  "minRiskStake": 50.77,
  "maxWinStake": 3866.80,
  "minWinStake": 48.34,
  "effectiveAsOf": "2013-06-18T14:02:26.6508"
}
```

XML Example

```
<lineResponse>
<altLineId nil="true" />
<effectiveAsOf>2013-06-20T14:01:23.6200</effectiveAsOf>
<lineId>103648482</lineId>
<maxRiskStake>986.43</maxRiskStake>
```

```
<maxWinStake>966.70</maxWinStake>
<minRiskStake>49.32</minRiskStake>
<minWinStake>48.34</minWinStake>
<price>1.98</price>
<status>SUCCESS</status>
<team1RedCards nil="true" />
<team1Score nil="true" />
<team2RedCards nil="true" />
<team2Score nil="true" />
</lineResponse>
```

Throws

GenericException type

Get Bets

Returns running and settled bets.

Request

GET /v1/bets?betlist={betlist}&fromDate={fromDate}&toDate={toDate}& betids=[1,2,3]

Table 6 - Get Bets Request

Parameter	Type	Required	Description
betlist	BETLIST_TYPE	No	Not needed when betids is submitted
betids	Int[]	No	Array of bet ids. When betids is submitted, no other parameter is necessary  Maximum is 100 ids.  Works for all non settled bets and all bets settled in the last 30 days.
fromDate	Date Time	No	Start date of the requested period. Required when betlist parameter is submitted.  Difference between fromDate and toDate can't be more than 30 days.
toDate	Date Time	No	End date of the requested period Required when betlist parameter is submitted.

URL Examples

Get bets by bet Ids

https://api.pinnaclesports.com/v1/ bets?betids=299633842,299629993

Get settled bets by date range

https://api.pinnaclesports.com/v1/bets?betlist=settled&fromDate=2013-06-01&toDate=2013-06-05

Response

Table 7 - Get Bets Response

Parameter	Type	Required	Description
betId	Int	Yes	Bet identification
wagerNumber	Int	Yes	Wager identification. All bets placed thru the API will have value 1.  Website supports multiple bets (wagers) placement in the same bet slip. In that case the bet would have appropriate wager number.
placedAt	Date Time	Yes	Date time when the bet was placed
win	Decimal	Yes	Win amount
risk	Decimal	Yes	Risk amount
winLoss	Decimal	No	Win-Loss for settled bets
betStatus	BET_STATUS	Yes	
betType	BET_TYPE	Yes	
sportId	Int	Yes	
leagueId	Int	Yes	
eventId	Int	Yes	
handicap	Decimal	No	Handicap that the bet was placed on
price	Decimal	Yes	Price that the bet was placed on
teamName	String	No	Team name. If the bet was placed on moneyline draw side, the value will be Draw
side	SIDE_TYPE	No	
oddsFormat	ODDS_FORMAT	Yes	Bet odds format.

clientCommission	Decimal	No	Client's commission on the bet
pitcher1	String	No	Team1 pitcher name. Baseball only.
pitcher2	String	No	Team2 pitcher name. Baseball only.
pitcher1MustStart	BOOALEAN	No	Whether the team1 pitcher must start in order for bet to take action. Baseball only.
pitcher2MustStart	BOOALEAN	No	Whether the team2 pitcher must start in order for bet to take action. Baseball only.
team1	String	Yes	Team 1 name.
team2	String	Yes	Team 2 name.

JSON example

```
{  "bets" : [  {  "Handicap" : -1.0 ,
"placedAt" : "2013-06-19T15:00:31" ,
"betId" : 309889744 ,
"wagerNumber" : 1 ,
"betStatus" : "REFUNDED" ,
"betType" : "SPREAD" ,
"customerCommission" : null ,
"eventId" : 308195856 ,
"leagueId" : 1728 ,
"oddFormat" : "AMERICAN" ,
"price" : 135.0 ,
"risk" : 50.0 ,
"side" : null ,
"sportId" : 29 ,
"teamName" : "BK Hacken" ,
"win" : 67.5 ,
"winLoss" : null ,
"pitcher1" : null ,
"pitcher2" : null ,
"pitcher1MustStart" : null ,
"pitcher2MustStart" : null ,
"team1" : "BK Hacken" ,
"team2" : "Crucero del Norte" ,
}  ,
{  "Handicap" : 0.75 ,
"placedAt" : "2013-06-20T10:05:46" ,
"betId" : 309893592 ,
"wagerNumber" : 1 ,
"betStatus" : "ACCEPTED" ,
"betType" : "SPREAD" ,
"customerCommission" : null ,
"eventId" : 308195893 ,
"leagueId" : 1728 ,
"oddFormat" : "AMERICAN" ,
"price" : -2001.0 ,
"risk" : 9341.0 ,
"side" : null ,
"sportId" : 29 ,
"teamName" : "Syrianska FC" ,
"win" : 466.81999999999999 ,
"winLoss" : null ,
"pitcher1" : null ,
"pitcher2" : null ,
"pitcher1MustStart" : null ,
"pitcher2MustStart" : null ,
"team1" : "Syrianska FC" ,
"team2" : "Crucero del Norte" ,
}
] }
```

XML example

```
<betsResponse>
<bets>
<straightBet>
<Handicap>-1</Handicap>
<placedAt>2013-06-19T15:00:31</placedAt>
<betId>309889744</betId>
<wagerNumber>1</wagerNumber>
<betStatus>REFUNDED</betStatus>
<betType>SPREAD</betType>
<customerCommission nil="true" />
<eventId>308195856</eventId>
<leagueId>1728</leagueId>
<oddFormat>AMERICAN</oddFormat>
<price>135</price>
<risk>50</risk>
<side nil="true" />
<sportId>29</sportId>
<teamName>BK Hacken</teamName>
<win>67.5</win>
<pitcher1 nil="true" />
<pitcher2 nil="true" />
<pitcher1MustStart nil="true" />
<pitcher2MustStart nil="true" />
<team1>BK Hacken</team1>
<team2>Crucero del Norte</team2>
</straightBet>
<straightBet>
<Handicap>0.75</Handicap>
<placedAt>2013-06-20T10:05:46</placedAt>
<betId>309893592</betId>
<wagerNumber>1</wagerNumber>
<betStatus>ACCEPTED</betStatus>
<betType>SPREAD</betType>
<customerCommission nil="true" />
<eventId>308195893</eventId>
<leagueId>1728</leagueId>
<oddFormat>AMERICAN</oddFormat>
<price>-201</price>
<risk>9341</risk>
<side nil="true" />
<sportId>29</sportId>
<teamName>Syrianska FC</teamName>
<win>466.82</win>
<winLoss nil="true" />
<pitcher1 nil="true" />
<pitcher2 nil="true" />
<pitcher1MustStart nil="true" />
<pitcher2MustStart nil="true" />
<team1>Syrianska FC</team1>
<team2>Crucero del Norte</team2>
```

```
</straightBet>
</bets>
</betsResponse>
```

Throws

GenericException type

Enums

BET\_STATUS

Value	Description
ACCEPTED	
PENDING_ACCEPTANCE	Live bets in danger zone
REJECTED	
REFUNDED	
CANCELLED	
LOSE	
WON	

ODDS\_FORMAT

Value	Description
AMERICAN	
DECIMAL	
HONGKONG	
INDONESIAN	
MALAY	

BET\_TYPE

Value	Description
SPREAD	
MONEYLINE	
TOTAL_POINTS	
TEAM_TOTAL_POINTS	

SIDE\_TYPE

Value	Description
OVER	
UNDER	

BOOLAEN

Value	Description
TRUE	
FALSE	

WIN\_RISK\_TYPE

Value	Description
WIN	Stake is win amount
RISK	Stake is risk amount

PLACEBET\_RESPONSE\_STATUS

Value	Description
ACCEPTED	Accepted
PENDING_ACCEPTANCE	Pending Acceptance. This is for live bets in danger zone
PROCESSED_WITH_ERROR	Processed with error

PLACEBET\_ERROR\_CODE

Value	Description
ALL_BETTING_CLOSED	Betting is not allowed at this moment
ALL_LIVE_BETTING_CLOSED	Live betting is not allowed at this moment

BLOCKED_CLIENT	Client is no longer active
INVALID_COUNTRY	Client country is not allowed for betting
BLOCKED_BETTING	Not allowed betting for the client
INVALID_EVENT	Invalid eventid
ABOVE_MAX_BET_AMOUNT	Stake is above allowed maximum amount
BELOW_MIN_BET_AMOUNT	Stake is below allowed minimum amount
OFFLINE_EVENT	Bet is submitted on a event that is offline
INSUFFICIENT_FUNDS	Bet is submitted by a client with insufficient funds
LINE_CHANGED	Bet is submitted on a line that has changed
RED_CARDS_CHANGED	Bet is submitted on a live soccer event with changed red card count
SCORE_CHANGED	Bet is submitted on a live soccer event with changed score
TIME_RESTRICTION	Bet is submitted within too short of a period from the same bet previously placed by a client
PAST_CUTOFFTIME	Bet is submitted on a game after the betting cutoff time
ABOVE_EVENT_MAX	Bet cannot be placed because client exceeded allowed maximum of risk on a line
INVALID_ODDS_FORMAT	If a bet was submitted with the odds format that is not allowed for the client
LISTED_PITCHERS_SELECTION_ERROR	If bet was submitted with pitcher1MustStart and/or pitcher2MustStart parameters in Place Bet request with values that are not allowed.

GETLINE\_RESPONSE\_STATUS

Value	Description
SUCCESS	OK
NOT_EXISTS	Line not offered anymore

TEAM\_TYPE

Value	Description
Team1	Team 1
Team2	Team 2
Draw	Draw. This is used for MONEYLINE bet type only.

BETLIST\_TYPE

Value	Description
SETTLED	Settled bets
RUNNING	Running bets

EVENT\_STATUS

Value	Description
O	This is the starting status of a game. It means that the lines are open for betting.
I	This status indicates that one or more lines have a red circle (a lower maximum bet amount).
H	This status indicates that the lines are temporarily unavailable for betting.

YES\_NO\_TYPE

Value	Description
Yes	
No	

BOOLEAN2

Value	Description
0	False
1	True

FEED\_ODDS\_FORMAT\_TYPE

Value	Description
0	American odds format
1	Decimal odds format
2	HongKong odds format
3	Indonesian odds format
4	Malay odds format
5	Fraction odds format

FEED\_STATUS\_RESPONSE

Value	Description
ok	Feed has response
fail	There was an error

Exceptions

GenericException type

Parameter	Type	Required	Description
code	string	Yes	Error code
message	string	Yes	Additional details of the error

HTTP Status Code	code	Description
500	UNEXPECTED_ERROR	Unexpected error
409	INVALID_REQUEST_DATA	Invalid request parameters
409	INVALID_CREDENTIALS	Invalid username and password combination
409	DUPLICATED_REQUEST	Request with the same uniqueRequestId was already processed
409	RESUBMIT_REQUEST	You would need to resubmit the request. Please use new uniqueRequestId

JSON example

```
{
  "code": "UNAUTHORIZED",
  "message": "Invalid credentials"
}
```

XML example

```
<error>
<code>UNEXPECTED_ERROR</code>
<message>An error has occurred.</message>
</error>
```

GenericException2 type

Parameter	Type	Required	Description
@code	string	Yes	Error code
err	string	Yes	Error message

HTTP Status Code	code	Description
200	1	Invalid sport ID
200	2	Invalid league(s) ID(s)
200	3	Invalid 'last' timestamp
200	5	Request client ID blocked
200	401	Invalid credentials
200	8	Invalid odds format
200	9	Invalid 'Is Live' parameter
200	10	Invalid currency code
200	11	Currency code has no up-to-date exchange rate available
200	99	Internal server error



Example

```
<rsp status="fail">
<err code="1">Invalid sport ID</err>
</rsp>
```

Getting Started

Step 1 – Sign Up

To get started you would need to create an account.

Step 2 - Get Lines

First, you would need to get the list of sports from Get Sports operation.  
If you are interested in particular leagues you can get sport leagues by calling Get Leagues operation.  
To get the actual lines call Get Feed operation.

NOTE :

When you call the Get Feed operation without the last parameter the response will not have the latest lines.

To get the latest lines you would need to issue subsequent request with the last parameter value from the feedTime parameter, from the previous response. This would return the changes since the previous Get Feed request.

All subsequent calls after that should have last parameter.

This would assure that you always get the fastest Get Feed response with the freshest lines.

Step 3 - Get Line (optional)

Call Get Line operation if you need exact stake limits or if you are interested only in a specific line. Please note that the limits in the Get Feed response are just general limits. Limits in the Get Line response are the exact limits.

Table 8 shows how to do mapping of Get Feed response to Get Line request.

Step 4 - Place Bet

To place a bet you need to call Place Bet operation.  
Table 8 shows how to do mapping of Feed response to Place Bet request.  
If you previously call Get Line operation, use the lineId (altLineId) from the response.

Step 5 - Get Bets

To check the status of the placed bet you need to call Get Bets operation. The recommended way is to use bet id. For bets on live events that are in PENDING\_ACCEPTANCE state, you can call Get Bets every 5 sec to get the new status of the bet, to see if it's accepted or rejected.

Table 8 - Map of the feed response to Get Line and Place Bet operation parameters.

Parameter	Path in the feed response
sportId	rsp/fd/sports/sport/id
leagueId	rsp/fd/sports/sport/leagues/league/id
eventId	rsp/fd/sports/sport/leagues/league/events/event/id
periodNumber	rsp/fd/sports/sport/leagues/league/events/event/periods/period/number
team	rsp/fd/sports/sport/leagues/league/events/event/homeTeam(awayTeam)/@type
handicap	SPREAD: rsp/fd/sports/sport/leagues/league/events/event/periods/period/spreads/spread/awaySpread(homeSpread)  TOTAL_POINTS: rsp/fd/sports/sport/leagues/league/events/event/periods/period/totals/total/points  TEAM_TOTAL_POINTS: rsp/fd/sports/sport/leagues/league/events/event/periods/period/teamTotals/homeTeamTotal(awayTeamTotal)/total  MONEYLINE: Moneylines do not have handicap.
lineId	rsp/fd/sports/sport/leagues/league/events/event/periods/period/@lineId
altLineId	SPREAD: rsp/fd/sports/sport/leagues/league/events/event/periods/period/spreads/spread/@altLineId  TOTAL_POINTS: rsp/fd/sports/sport/leagues/league/events/event/periods/period/totals/total/@altLineId  TEAM_TOTAL_POINTS Team total points do not have alternative lines  MONEYLINE Moneylines do not have alternative lines

## Commands

1. Get list of sports Provides a list of all sports supported by Pinnacle.
2. Get list of leagues Provides a list of active leagues for a given sport.
3. Get list of currencies Provides a list of supported currencies (for amount conversions in feed)
4. Get feed (using GET request method) Provides the revised sports feed in XML format.
5. Get feed (using POST request method) Provides the revised sports feed in XML format.

### Error Messages

Message 1  
Message 2

## FAQs

### How often can I refresh your odds?

You are able to make calls for any changes to the feed every five (5) seconds.

### Where are your odds for Contests, Futures and Propositions?

These will be added to the API over the coming months. We will contact you and update these FAQs when these are included.

### How do I make sure my links to [www.pinnaclesports.com](http://www.pinnaclesports.com) are tracking correctly?

Please ensure that any links back to [www.pinnaclesports.com](http://www.pinnaclesports.com) are tagged with your tracking link. Your tracking links are available from your affiliate account accessed at <http://affiliates.pinnaclesports.com>

A correct tracking link will have the format:

[http://affiliates.pinnaclesports.com/processing/clickthrhg.asp?btag=a\\_numbersb\\_numbers](http://affiliates.pinnaclesports.com/processing/clickthrhg.asp?btag=a_numbersb_numbers)

### Do you cache responses? For how long?

All feed command requests that have the same parameters (e.g. same client ID/API key/sport ID) are cached for one minute.

### Why can't I access your Outrights and Futures markets or your Boxing or Golf odds?

These are currently being integrated into the API. To access these odds, please use our older, free-to-access feed at: <http://xml.pinnaclesports.com/pinnacleFeed.aspx>

### Can I link directly to the relevant odds pages on [www.pinnaclesports.com](http://www.pinnaclesports.com) (deep linking)?

Yes. To link directly to our odds pages please get in touch via [csd@pinnaclesports.com](mailto:csd@pinnaclesports.com)

### How can I return only those sports and leagues which have data?

The attribute `feedContents` of `<sport>` and `<league>` elements define whether there is content or not. The possible values are:

- 1: contains data
- 0: does not contain data
- 1: status unknown

By iterating through the sports or leagues you can filter out the unnecessary ones.

### How do you calculate maximum bet amounts for currencies other than USD?

We use exchange rates provided by [oanda.com](http://oanda.com) which we update every 24 hours. Please note that for non-USD currencies, we round them to the largest integer less than or equal to the specified decimal number resulting from currency conversion. For example, a maximum bet amount of £345.23 would be rounded down to £345.

### What time zone is used for the feed?

All times displayed in the feed are in GMT.

## Fair Use

This API is provided free of charge to our players, partners and affiliates. However, use of this free resource is subject to our "Fair Use Policy" which is set out below.

When you utilise the API, you are agreeing to this policy. Any breeches of this policy, whether intentional or not, may result in a temporary suspension of your access. In extreme cases, we reserve the right to terminate your access completely. These decisions will be taken after discussions with you (where possible) and will be entirely at our discretion.

### Fair usage

The following limitations must be observed:

- Requests made for the "feed" command without the "last" parameter must be restricted to once every 60 seconds
- Requests made for the "feed" command with the "last" must be restricted to once every 5 seconds

Also, you will not attempt or encourage others to:

- Attempt to interfere with, disrupt, or disable any API features
- Sell, rent, lease, sublicense, redistribute, or syndicate the API to any third party without prior written approval from Pinnacle Sports.

### Best practice

Please use an incremental feed ("feed" command with "last" parameter) instead of a full feed ("feed" command without "last" parameter).

## Disclaimer

While every effort is made to ensure the accuracy and validity of the information included in this feed, Pinnacle Sports make no representation that the operation of this feed will be uninterrupted or error free. As such, Pinnacle Sports provide this service at the users own risk and will not be liable for any consequences arising from any interruptions or errors.

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## Code Examples

### Place Bet call in C#

```
var request = (HttpWebRequest)
WebRequest.Create("https://api.pinnaclesports.com
/v1/bets/place");
string credentials = String.Format("{0}:{1}",
"yourclientid", "yourpassword");
byte[] bytes =
Encoding.UTF8.GetBytes(credentials);
string base64 = Convert.ToBase64String(bytes);
string authorization = String.Concat("Basic ",
base64);
request.Headers.Add("Authorization",
authorization);
request.Method = "POST";
request.Accept = "application/json";
request.ContentType = "application/json";
charset=utf-8";
string postJson =
"{\"uniqueRequestId
\": \"3ca3e7a7-12e1-4907-8b84-00f02e814b1d\", \" +
\"acceptBetterLine\": \"TRUE\", \" +
\"stake\": 150, \" +
\"winRiskStake\": \"WIN\", \" +
\"lineId\": 104520034, \" +
\"sportId\": 29, \" +
\"eventId\": 311458946, \" +
\"periodNumber\": 0, \" +
\"betType\": \"SPREAD\", \" +
\"team\": \"TEAM1\", \" +
\"oddsFormat\": \"AMERICAN\" \" +
}\"";

byte[] byteArray =
Encoding.UTF8.GetBytes(postJson);
Stream dataStream = request.GetRequestStream();
dataStream.Write(byteArray, 0,
byteArray.Length);
dataStream.Close();

HttpWebResponse response;
try
{
response =
(HttpWebResponse)request.GetResponse();
}
catch (WebException ex)
{
response= (HttpWebResponse)ex.Response;
}

var stream = response.GetResponseStream();
string responseBody;
using (var reader = new StreamReader(stream))
{
responseBody = reader.ReadToEnd();
}
```

### Get Feed call in PHP

```
<?php
// This fetches the initial feed from the
Pinnacle Sports API
$feedUrl = 'https://api.pinnaclesports.com
/v1/feed?sportid=29';

// Set your credentials here, format =
clientid:password from your account.
$credentials =
base64_encode("yourclientid:yourpassword");

// Build the header, the content-type can also
be application/json if needed
$header[] = 'Content-length: 0';
$header[] = 'Content-type: application/xml';
$header[] = 'Authorization: Basic ' .
$credentials;

// Set up a CURL channel.
$httpChannel = curl_init();
// Prime the channel
curl_setopt($httpChannel, CURLOPT_URL,
$feedUrl);
curl_setopt($httpChannel,
CURLOPT_RETURNTRANSFER, true);
curl_setopt($httpChannel, CURLOPT_HTTPHEADER,
$header);
// Unless you have all the CA certificates
installed in your trusted root authority, this
should be left as false.
curl_setopt($httpChannel,
CURLOPT_SSL_VERIFYPEER, false);

// This fetches the initial feed result. Next we
will fetch the update using the fdTime value and
the last URL parameter
$initialFeed = curl_exec($httpChannel);
echo $initialFeed;

// You need to pick an XML library that is
suitable for you, in this case i am using the
built-in simple XML feature of PHP.
$xmlDocument =
simplexml_load_string($initialFeed);
// Simple XML has now build an array of arrays
or a dictionary of values, you may access this
information by index or name.
$feedTime = $xmlDocument->rsp->fd[0]->fdTime;
echo $fdTime;

// Now we simply alter the URL with the last
parameter and feedin the value of fdTime
$feedUrl = 'https://api.pinnaclesports.com
/v1/feed?sportid=29&last=' . $fdTime;

// Now we can fetch the updates.
$updates = curl_exec($httpChannel);
```

```
// Build an XML document from simple XML to read
your data as an object again.
// ...
? >
```

*Feedback for the API XML odds feed should be directed to [csd@pinnaclesports.com](mailto:csd@pinnaclesports.com), however, we do not offer technical support or instructions beyond the available manual*