



TXAPI XML FEEDS MARKET ODDS EDITION

User Guide

Document version 5.14

April 2019

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Feed description

TXODDS currently provides separate XML feed options combining various elements of the overall information available.

The client can choose the best option for their business from the following:-

- **Standard XML Feed** to provide comprehensive odds data
- **Full Service XML Feed** provides fixtures, scores and results in addition to comprehensive odds data
- **Fixtures & Final results XML Feed** provides only fixtures and final results service
- **Average Feed** provides average odds and best odds along with probabilities and Kelly Criterion data
- **HTFT / CRS Feed** provides half-time / full-time and correct score lines
- **Antepost Feed** provides outright winner lines (a.k.a. Futures in U.S.).
- **Tracking OTB Offers** provides details of offer bookmakers are no longer showing on their site.
- **Bookmakers Starting Times** shows what bookmakers are showing as starting time for fixtures.
- **Market Moves** provides a market summary of price trending movements
- **Maintenance feeds** listed in the appendices these provide static data and information on deleted matches & offers

Security

Each endpoint is now available via HTTPS to provides encryption to ensure your requests are being sent to our servers and to protect the privacy and integrity of the exchanged data from malicious attacks or being read by a third party.

Note: Support for plain HTTP connections will be removed in mid-2017 so please ensure you are using HTTPS on all requests

Time sensitivity

Each data request is **time stamped** to the second so you immediately know:-

- when the data was last verified as accurate on our server whether the price has moved or is simply still the same as before. So, if a bookmaker site is down for maintenance or is currently overloaded and we can't get the price we won't update the timestamp until we can verify it again.
- allows you to decide what information you act upon. If you want to filter out anything over 10 minutes old you can do so
- reduces your server load managing unwanted or out of time limit information

- reduces the complexity of your code making maintenance easier and cheaper and hence lessens the chance of errors creeping in

Data on demand

Unlike scraping your own data you don't need to request everything from the bookmakers unless you want it.

TXODDS data is broken down into different market segments to allow you full control over what information you get and when you get it.

For example you can request information by:-

- **sport** e.g. Football/soccer by country or American football NCAA
- **league or event** e.g. English Premiership, Champions League etc.
- **odds type** e.g. Asian Handicap or 3Way Odds
- **bookmaker** e.g. only Ladbrokes and William Hill
- **by time** e.g. only updated odds since your last request
- **by day/s or date/s** e.g. only update odds a day at a time to keep request size to a minimum and speed to a maximum.

Of course if you want all international football league matches for all odds types and all bookmakers currently being quoted then you can have that too.

Depending on how much server resource and bandwidth you have you may want to split the requests into multiple processes for each sport and/or league and odds type to ensure you get the very latest odds prices as fast as possible.

Only request updates

You can request **only updates to the odds you are interested in**, so no need to refresh the entire event(s) constantly reducing your server bandwidth and processing resources.

- As mentioned earlier each odds price on our server has a timestamp declaring when it was last updated.
- Each time you make a request from our server we also send our server timestamp along with that request too.
- So, you can request data from us that has changed in the last 30 seconds using the server timestamp

We send our server timestamp which is set to GMT to you to ensure that there are no time zone or clock synchronization problems. So, wherever you are in the world or whatever time your local PC or server is set to will not affect the data we send you.

Fixtures and Results option

TXODDS also provides a dedicated feed to provide up to date fixtures and final results information which allows you to extend your client services as follows:-

As with all TXODDS feeds it allows you to request customized selections to be made by date, league or event, fixtures only or results only.

For example match fixtures and results can be requested by date so you could provide views based upon:-

- Today's matches
- This week's matches
- Longer term views
- Display the Final results scores

Scores and Results option

In addition to the standalone fixtures and results service TXODDS also provides a scores service integrated into the Standard odds feed.

So it provides the same odds information, up to date fixtures and final results information but additionally offers scores and match information updates as they happen.

- Scores – Goals as they are scored or games won in Tennis
- Scorers name and the time the goal was scored
- Match timing e.g. First Half, Second Half, Penalty shoot outs etc
- Period scores e.g. Half time score, full time score, extra time score

Average Feed

The average feed is a separate web service that provides:-

Per match summary of:-

- best odds, average odds and probabilities summary for the current match

For each bookmaker quoting the current match it additionally shows

- current odds, probabilities and Kelly Criterion calculations of the bookmakers odds

Match Odd Feed (HTFT / CRS Feed)

A separate web service that provides both half-time/full-time (HTFT) and correct score lines for Soccer. This feed is called the [Match Odd Feed](#) and fully searchable by query options as for the Standard and Full service feeds.

Antepost Feed

This is a separate web service that provides antepost/outright lines for major leagues and events.

Market Moves Feed

This web service allows you to see which odds are moving and identifies trends you may want to bring to the attention of your traders and/or show to your customers as an added value service

OTB Offers Feed

This web service allows you to see which offers are:-

- Active or inactive state changes i.e. if an offer can/cannot be verified as correct
- Last updated / verified for each offer

Bookmakers Starting Times Feed

This web service provides details of the starting times of events as posted by individual online bookmakers. It is very common for conflicting data to be posted by bookmakers in relation to the starting time of events, therefore this service was created to allow customers to find make informed choices when selecting the time they use for their own purposes.

Maintenance Feeds

Listed in the Appendices there are various web services to get static data for bookmakers, leagues, sports, odds types, antepost information etc.

Of particular interest are the

APPENDIX 4 - DELETED BET OFFERS WEBSERVICE

APPENDIX 5 - DELETED MATCHES WEBSERVICE

These two web services ensure that any matches or bet offers that are removed from the feeds can be noted by your application. Bookmakers may remove offers for certain matches/odds types and match fixtures can also be cancelled and/or postponed.

Times & Daylight savings

Please note the all feed times are always displayed in the UTC+0/GMT+0 time zone which does not change for daylight savings.

UTC/GMT is not the same as UK time, as during the summer months the UK changes to BST (British Summer time) which is GMT+1 hour.

Subscription information

In order to subscribe to the XML Feed or request a trial access period please contact TXODDS via the methods below

Contact details

For further details, please contact us at helpdesk@txodds.com

You can also leave your details on our 24 hour customer support messaging service on telephone +44 870 429 5280 (UK callers: 0870 - 429 5280) and a representative will be in touch as soon as possible.

If you already have an account or are just interested in the XML Layout then please take a look at the next chapter.

XML Processing Guidelines

As there are many sports, matches and bookmakers available for 14 days in advance (or longer in some cases) on the system it is not possible to request all data in one request.

This would result in a very large XML document and take a very long time to process the data. In fact, the server 'filters' would block such a request, if made.

Getting Started – refreshing all the data

TXODDS provides "updates only" requests via the "timestamp" feature described below. However, when your system starts up for the first time, or after maintenance you will need to "refresh" all of the data.

Please bear in mind that refreshing all the data is a time consuming process, so it is in your own interests to try to minimize your system downtime to a minimum. It is not recommended that all data is refreshed unless it is absolutely required.

Requests must be broken down into smaller requests for specific information. For example you can make requests by any of the following:-

- By Sport
- By Required bookmakers (or all)
- By Odds Types
- By Group (Country)
- By League (Event)
- By Days

Processing in this manner is much more efficient for you as a client – smaller XML documents to process means the data is more current

Sports, Bookmakers and Odds Types have easily accessible id codes to from which is it simple to build a number of requests.

For example, if you require today's soccer odds for 3Way match odds for all bookmakers you can 'start' building your request using the following codes.

SPORTS		ODDS TYPES		DAYS	
VALUE	NAME	VALUE	NAME	VALUE	NAME
1	SOCCER	0	3-WAY	0,1	TODAY
2	ICE HOCKEY	1	2-WAY	1,1	TOMORROW
3	BASKETBALL	3	POINTS	2,1	+2 DAYS
4	RUGBY	4	TOTALS	3,1	+3 DAYS
5	TENNIS	5	Asian	4,1	+4 DAYS

Note: This is just an example of some of the options we have. The full lists can be found later in the main document.

A simple request stub can then be created using the codes for Soccer, Match Odds and today's options.

<https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&spid=1&ot=0&days=0.1>

We don't yet have the codes required for each 'group' (country) and the leagues (Events) that are available for that group.

The 'group' information can be accessed via a dynamic web service as follows, which returns only groups for which there are valid matches, so you aren't wasting any requests where there is no data

<https://xml2.txodds.com/feed/mgroups.php?ident=id&passwd=pwd &active=1&spid=1>

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
- <mgroups>
- <mgroup>
  <id>1134</id>
  <name>FBSRB</name>
  <sportid>1</sportid>
  <countryid>428</countryid>
</mgroup>
- <mgroup>
  <id>1031</id>
  <name>FBJPN</name>
  <sportid>1</sportid>
  <countryid>416</countryid>
</mgroup>
```

You can then use the <name> elements to then request the active leagues for that group.

<https://xml2.txodds.com/feed/groups.php?ident=id&passwd=pwd &active=1&mgstr=FBSRB>

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
- <groups>
- <group>
  <id>6959</id>
  <mgroup id="1134">FBSRB</mgroup>
  <name>Srpska Liga</name>
  <sid>10</sid>
  <fullName>FBSRB Srpska Liga-10</fullName>
  <date1>2010-06-01 00:00:00</date1>
  <date2>2011-06-01 00:00:00</date2>
</group>
- <group>
  <id>6726</id>
  <mgroup id="1134">FBSRB</mgroup>
  <name>Super Liga</name>
  <sid>10</sid>
  <fullName>FBSRB Super Liga-10</fullName>
  <date1>2010-07-01 00:00:00</date1>
  <date2>2011-07-01 00:00:00</date2>
</group>
</groups>
```

We now have the <id> elements above which are the league codes for FBSRB (Serbian Soccer). We can now then build the final requests using our 'stub' and our new information

<https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&spid=1&ot=0&days=0.1&pgid=6959>
<https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&spid=1&ot=0&days=0.1&pgid=6726>

In this way, you can now access all active matches for each sport, group and league. Using this method you can guarantee to get data as fast as possible without the server filters coming into operation.

The following pseudo code can help explain the full process to get 7 days odds for 3 sports.

```
Days = ( "0,1", "1,1", "2,1", "3,1", "4,1", "5,1", "6,1" )
Sports = ( Soccer=>1, Basketball => 3, Tennis=>5 )
OddsTypes = "0,1,4,5";
Foreach Days As Day
    Foreach Sports As Sport=>spid
        // Using the spid codes ( 1, 3, 5 ) we get all groups for these sports
        Active_groups = https://xml2.txodds.com/feed/mgroups.php?active=1&spid=spid
        // You'd need to parse the XML here to get an array of each group names

        Foreach Active_groups As Group
            // Using the group returned we can then use that on the active leagues request
            Active_leagues = https://xml2.txodds.com/feed/groups.php?&active=1&mgstr=Group
            // You'd need to parse the XML here to get an array of each league codes

            Foreach Active_leagues As League
                xmlodds =
                    https://xml2.txodds.com/feed/odds/xml.php?ot=OddsTypes&days=Day&pgid=League
                // Now parse the XML returned to get the odds

            End Foreach

        End Foreach

    End Foreach

End Foreach
```

Once your system has all the current data you can then simply keep current using the &last=timestamp feature which will updates any changed odds, regardless of their group, league, or match star time.

Update via the &last=timestamp

When any request is made the returned XML document provides a timestamp at the top of the feed which shows the current feed server time for that request.

```
<matches time="2007-05-06 07:07:23" timestamp="1178435243">
</matches>
```

If you want to receive odds updates rather than refresh all the odds then you can store this value and use it in your next request. So you would 'refresh' all the odds as described above and use the timestamp value in your database.

- recall the previously stored timestamp
- make the next request using &last=timestamp

- process the XML and write all the updated values to your database
- store the newly returned timestamp
- wait 10 - 60 seconds
- repeat

Note: Updates for all odds changes are returned regardless of the time frame i.e. if a quote for a match tomorrow, next week or even next month has changed then it will be returned. So you can request updates 24/7/365 and not miss out on any changes to our database.

Note: If a match starting time or any other match details have changed these will also be sent out as updates, so either verify each value in your database and make updates accordingly or overwrite what currently exists so you know it's up to date.

For example to request all 3-way changes after 1215264420 (19th May 2007 13:27:00)

Example1

https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&all_odds=2&ot=0&last=1215264420

Or to request all 3-way and Asian handicap changes after the timestamp

Example2

https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&all_odds=2&ot=0.5&last=1215264420

Note: Please only use a returned timestamp and do not try to calculate your own value as this may return unexpected results. Also, you cannot use the timestamp value over an hour old, if you try you will get an error 'timestamp older than one hour' returned. In this case refresh today's odds only i.e. not using the timestamp and then use the new timestamp value for your next request

Note: Use of the &last=timestamp works just as well on the final results/scores feed too.

Additional processing instructions

Database Filters

As all requests are dynamic, the following filter terms apply:

Maximum 30 file requests per minute, or 25KBs.

Exceeding filter limits will result in an '**HTTP 503 Service Unavailable**' error message being returned with details of the penalty in seconds before access to data is permitted again, for example a single 800KB download request will mean no further download will be permitted for a 32 second period.

To avoid hitting filter restrictions, please make use of the "&last=timestamp" to only request fresh data rather than repeat loads, and days/date parameters to cut down the overall file sizes requested.

&days Feature

The use of the days feature is to reduce the amount of data received when refreshing all of the odds data and hence cutting down on the XML document file size returned to improve the overall client and system response times.

It accepts the following format:

&days=n (where n is the day to get data for with 0 being today, 1 being tomorrow)

&days=n,r (where n is the starting day relative to the current date and r is range (in days)).

For example:

&days=0,1 returns all today's odds

&days=0,2 returns odds for the next 2 days

&days=1,1 returns tomorrow's odds

&days=0,-1 returns yesterday's odds

if the r parameter is not specified it works like before:

&days=1 returns today's odds (effectively same as 0,1)

&days=3 returns the next 3 days odds (0,3)

&days=-1 returns yesterday's odds (0,-1)

&days=-3 return the previous 3 days odds (0,-3)

Unwanted information

Are you receiving league data you don't want? Instead of looping through Master IDs just select the specific Minor IDs you require instead. However, you need to make sure that your Minor IDs codes are updated at the end of each season as Minor IDs are year specific.

Multiple Single requests

If you require multiple odds types, multiple sports, league or offer types it is more efficient for your code and for processing if you request different type in a separate request.

It is generally more efficient to process multiple small XML documents rather than a single large one and will ensure that you don't receive download filter errors.

Multiple bookmakers

Requesting multiple or all bookmakers is the only real exception to the above rule. However as there are several hundred bookmakers quoting odds it is obviously more efficient to only request those bookmakers you are interested in.

Monitoring Active/Inactive Bet Offers.

Monitoring active/inactive bet offers without requiring full refresh is a very important method for how you can keep scanning the feed just using the "&last=timestamp" and also get the "dead" offers sent to you also, so you can delete them without having to use the full verification each time

Running every 10 seconds to few minutes will ensure that your data is accurate as it can be.

Active/inactive bet offer xml:

https://xml2.txodds.com/feed/boid_states.php?ident=&passwd=

It returns bet offer state changes incrementally. For example:


```
<boids time="2008-09-24T10:21:56+00:00" timestamp="122251716">
<boid id="28430902" last_updated="2008-09-24T10:19:45+00:00"
last_changed="2008-09-24T10:21:56+00:00" flags="0"/>
<boid id="28430899" last_updated="2008-09-24T10:19:45+00:00"
last_changed="2008-09-24T10:21:56+00:00" flags="0"/>
<boid id="28430898" last_updated="2008-09-24T10:19:45+00:00"
last_changed="2008-09-24T10:21:56+00:00" flags="0"/>
<boid id="28430897" last_updated="2008-09-24T10:19:45+00:00"
last_changed="2008-09-24T10:21:56+00:00" flags="0"/>
<boid id="28430896" last_updated="2008-09-24T10:19:45+00:00"
last_changed="2008-09-24T10:21:56+00:00" flags="0"/>
<boid id="28396721" last_updated="2008-09-24T10:19:45+00:00"
last_changed="2008-09-24T10:21:56+00:00" flags="0"/>
</boids>
```

last_updated -value tells the time when a bet offer was verified last time.

last_changed tells the last bet offer verified state change (i.e, flags change).

By default, it returns last state change timestamp:

https://xml2.txodds.com/feed/boid_states.php?ident=&passwd=

Example:

```
<boids time="2008-09-24T10:34:03+00:00" timestamp="122252443">
</boids>
```

subsequent requests can be made using the timestamp from earlier requests e.g.:

https://xml2.txodds.com/feed/boid_states.php?ident=&passwd=&last=122252443

https://xml2.txodds.com/feed/boid_states.php?ident=&passwd=&last=122252449

This allows you to track bet offer state changes without having to refresh odds data.

This is discussed in further detail in the Tracking OTB (Off-the-board) Offers section

GZIP compressed data requests

In order to improve performance and bandwidth any request made to our servers can be requested in compressed 'gzip' format – this where the XML is compressed at the server side. Once the data is received it must then be uncompressed before use.

In order for this to work you need to tell the server that you want compressed data, via the headers in your HTTP request "**Accept-Encoding: gzip,deflate**". Your server environment must have a GZIP library in order to decompress the returned data of course.

In the PHP language using the CURL library this can be done as follows:-

```
// Check that the PHP version supports gzencoding / decoding
//
if (function_exists('gzdecode'))
{
    // Set the CURL header

    curl_setopt($ch, CURLOPT_HTTPHEADER, array('Accept-Encoding: gzip,deflate'));
    curl_setopt($ch, CURLOPT_HEADER, true);
    echo "Using GZIP";
}

// Request the data ///
$xmlFileData = curl_exec($ch);

// When the data is returned yyou need to decode it
if (function_exists('gzdecode')) $xmlFileData = gzdecode($xmlFileData);
```

JSON data requests

In order to have your request returned as JSON rather than XML you can append **json=1** or **json=2** to each of your requests, whether for /odds or /results services

Example <https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&ot=0&peid=3004878&bid=110&json=1>

A full example is in the Appendices here: Odds example with &json=1

Extra attributes are available via the **&json=2** option

Example <https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&ot=0&peid=3004878&bid=110&json=2>

A full example is in the Appendices here: Odds example with &json=2

Error Processing

HTTP 503 – Service Unavailable

- this error code means that you have exceeded the request/download limits for your account
- please check that you are following the XML processing guidelines and using the &last=timestamp option to request updates only
- contact us for help – we log all your requests so we can check what you are requesting, how often and why your account has been temporarily blocked
- in your code please log any occurrence of this condition. It may simply be enough to wait 10-30 seconds and retry the same request.

HTTP 500 – The server encountered an unexpected condition which prevented it from fulfilling the request

- this error code means that the server is currently too busy to satisfy your request.
- in your code please log any occurrence of this condition. It may simply be enough to wait 10-30 seconds and retry the same request again.

MySQL server has gone away – The server encountered an unexpected condition which prevented it from fulfilling the request

- this error code means that the server is currently too busy to satisfy your request and has stopped the request running.
- in your code please log any occurrence of this condition. It may simply be enough to wait 10-30 seconds and retry the same request again.

error:login

- your username and/or password are incorrect
- please note that usernames and passwords are CASE SENSITIVE
- if you have checked the above then it is possible that your account subscription has expired, so please contact us

timestamp > 1 hour

- when making a request using &last=timestamp, the timestamp is too old to process. If the timestamp is older than one hour then it can't be used, so please check this in your code
- in order to obtain a valid timestamp again please request today's data and store the returned timestamp and then use this for the next request

not allowed date range (limit=1)

- when making a request that spans multiple days of events you may receive this error. If so please provide more filters in your request, either bid, pgid, mgid, or cgid)

Standard XML Feed description

Authentication

As the XML Feed is configured on a per account based system, all files requested must be tagged with your specific user name and password to gain access.

You will be assigned a unique username and password once you setup a TXODDS user account and subscribe to the XML Feed service.

Please contact us via the Contact details section for more information.

ident=	Your TXODDS Username
passwd=	Your TXODDS password
USAGE	&ident=username&passwd=passwd
Example	https://xml2.txodds.com/feed/odds/xml.php?spid=5&ident=id&passwd=pwd

Requesting specific information

Due to TXODDSs comprehensive coverage of sports, events, odds types and bookmakers it makes sense to only request the information you require at any given time.

We will discuss efficient processing methods to help you get the data as fast as possible.

However, for a complete understanding of how you can customize your XML requests please read on.

For example *you could* simply request the entire feed in one go, however, this is definitely **not recommended** as it will take a huge amount of time for you to receive and process the many megabytes of XML data from our master database. One of the main reasons for subscribing to TXODDS data is its time sensitivity and so the XML web services are built to allow extensive customization of the data you receive and process.

As a reminder requests can be made by a combination of:-

- **sport** i.e. Football/soccer by country or American football NCAA
- **bookmaker** i.e. only Betfair, Bet365, Ladbrokes and William Hill
- **odds type** e.g. Asian Handicap or 1x2
- **league** i.e. English Premiership
- **in-running odds** i.e. these can be included or removed from your request
- **odds order** i.e. first & last, first, last all odds
- **by time** i.e. only updated odds since your last request

- **by matchid** i.e. to just get information for a single match
- **by boid** i.e. for a single bet offer id
- **by team** i.e. odds for all fixtures for single team only

Sport - Master ID Groups

TXODDS provides a list of specific **Master ID Groups** to allow you to request just the content for the sport and country that you require. For a full list of codes please see Appendix 2 – Master ID group codes

mgid=	The required code
USAGE	&mgid=code1,code2,code3
Example	https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&mgid=1018

Example 1 – All NBA Basketball

If you are just interested in the USA NBA basketball league then the following code is applied to allow you to request all the active matches for the NBA

CODE	NAME	FULL DESCRIPTION
1072	BANBA	NBA Playoffs Preseason

Example <https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&mgid=1072>

Example 2 – All English & French Soccer

The following codes are applied to allow you to request all active matches for the entire English and French soccer leagues and cup events currently being quoted by bookmakers

	NAME	FULL DESCRIPTION
1018	ENGLISH SOCCER	Premier League Coca Cola Championship League 1 League 2 Conference Conference South Conference north Carling Cup FA Cup FA Trophy LDV Vans Trophy Community Shield
1022	FRENCH SOCCER	1e Division 2e Division Coupe de la Ligue Super Cup National FA Cup

So, to use multiple Master ID codes for both countries at the same time in a single request you just add them to end of the request and delimit them by a single comma.

Example <https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&mgid=1018,1022>



A full list of current codes can be found in the Appendix Sport - Master ID Groups.

Any number of codes can be used at the same time as long as you make sure you delimit them by a single comma (,).

Sport - Master ID Groups by name

Additionally you can also request Master IDs via their name value rather than their code as follows:-

mgstr=	The required name
USAGE	&mgstr=name1,name2
Example	https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&mgstr=FB%

Example 1 – All NBA Basketball (by name)

If you are just interested in the USA NBA basketball league then the following name is applied to allow you to request all the active matches for the NBA

CODE	NAME	FULL DESCRIPTION
1072	BANBA	NBA Playoffs Preseason

Example <https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&mgstr=BANBA>

Example 2 – All English & French Soccer (by name)

The following names are applied to allow you to request all active matches for the entire English and French soccer leagues and cup events currently being quoted by bookmakers

CODE	NAME	FULL DESCRIPTION
1018	FBENG	Premier League Coca Cola Championship League 1 League 2 Conference Conference South Conference north Carling Cup FA Cup FA Trophy LDV Vans Trophy Community Shield
1022	FBFRA	1e Division 2e Division Coupe de la Ligue Super Cup National FA Cup

So, to use multiple Master ID codes for both countries at the same time in a single request you just add them to end of the request and delimit them by a single comma.

Example <https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&mgstr=FBENG,FBFRA>

Example 3 – All Soccer (by name)

To request all soccer matches regardless of country or league you can use the name abbreviation as follows:-

Example <https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&mgstr=FB%>

This will request all Master ID names that start with FB%



A full list of current codes can be found in the Appendix **Sport - Master ID Groups**.

Any number of codes can be used at the same time as long as you make sure you delimit them by a single comma (,)

Bookmakers

If you made the above requests you would have received all bookmakers quoted prices. For popular events there can be well over a hundred bookmaker odds on the TXODDS XML Feed.

If this is too much information for you again we can further restrict the data. For example if you are arbitraging and do not have accounts with all TXOdds.'s 300+ bookmakers then you don't want to use that data for your calculations

bid=	The required bookmaker code
USAGE	&bid=code1,code2,code3
Example	https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&bid=7

Example 1 – Only selected bookmakers

In a previous example we selected the English and French soccer leagues i.e. with “&mgid=1018,1022” then when the following code is applied to allow you to request odds from only these 4 bookmakers.

CODE	NAME	WEBSITE
17	Ladbrokes	www.ladbrokes.com
42	William Hill	www.williamhill.com
110	Betfair	www.betfair.com
126	Bet 365	www.bet365.com

Example <https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&mgid=1018,1022&bid=17,42,110,126>



A full list of current codes can be found in the Appendix 1 – Bookmaker codes.

Any number of codes can be used at the same time as long as you make sure you delimit them by a single comma (,)

Odds type

The Odds Type parameter allows you to select single or multiple odds types. For example you may only be interested in Asian Handicap odds for your chosen sport or league or you may wish to process different odds types separately to keep your program code less complex.

ot=	The required odds type code
USAGE	&ot=code1,code2,code3
Example	https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&ot=0

The TXODDS XML Feed currently supports the following Odds types

CODE	NAME	FULL DESCRIPTION
all	all	For a single match via the &peid=xxxxx you can ask for &ot=all to get all odds quoted
0	3-WAY	3 Odds prices quoted normally for events such as Soccer where a draw is allowed. Also known as 1x2 HOME 1.90 AWAY 4.25 DRAW 3.25
1	2-WAY or MONEYLINE	2 Odds prices normally quoted for events where no DRAW, such as Tennis HOME 1.90 AWAY 4.25
3	POINTS	Point spread or handicap, for example, NFL Team A -7 handicap over Team B NHL Team A -1.5 over Team B. In the US, most commonly referred to as the points spread.
4	TOTALS OR OVER/UNDER	Total number of goals, points, games, etc. in match. For example Basketball, betting on over/under 193.5 total points scored in match. Often referred to as "over/under". OVERUNDER for Soccer is quoted as HOME 1.87 AWAY 1.98 HCAP 2.5 So, the home price is OVER 2.5 and the Away price is UNDER 2.5
5	Asian	Asian Handicap prices HOME 1.87 AWAY 1.98 HCAP -0.50
65536	3-WAY HALF TIME	3 Odds prices quoted normally for events such as Soccer where a draw is allowed. Event ends at half time. HOME 1.90

		AWAY 4.25 DRAW 3.25
65537	2-WAY HALF TIME	2 Odds prices normally quoted for events where no DRAW is allowed and is also known as money-line. Event ends at half time. HOME 1.90 AWAY 4.25
65539	POINTSPREAD HALF TIME	Point spread or handicap, for example, NFL Team A -7 handicap over Team B NHL Team A -1.5 over Team B. In the US, most commonly referred to as the point spread. Event ends at half time.
65540	TOTALS HALF TIME	Total number of goals, points, games, etc. in match. For example Basketball, betting on over/under 193.5 total points scored in match. Often referred to as "over/under". Event ends at half time.
327680	3-WAY 2 ND HALF	3 Odds prices quoted normally for events such as Soccer where a draw is allowed. Event starts 2 nd half of match and ends at full time. HOME 1.90 AWAY 4.25 DRAW 3.25
327681	2-WAY 2 ND HALF	2 Odds prices normally quoted for events where no DRAW is allowed and is also known as money-line. Event starts 2 nd half of match and ends at full time. HOME 1.90 AWAY 4.25
327683	POINT SPREAD 2 ND HALF	Point spread or handicap, for example, NFL Team A -7 handicap over Team B NHL Team A -1.5 over Team B. In the US, most commonly referred to as the point spread. Event starts 2 nd half of match and ends at full time.
327684	TOTALS 2 ND HALF	Total number of goals, points, games, etc. in match. For example Basketball, betting on over/under 193.5 total points scored in match. Often referred to as "over/under". Event starts 2 nd half of match and ends at full time. HOME 1.87 AWAY 1.98 HCAP 1.5
2097153	ODD / EVEN	Usually for soccer betting where a simple bet on whether goals scored will be an odd or even number. ODD 1.99 EVEN 1.91
4194304	TOTAL GOALS	For soccer betting, number of goals in match (Under 2, 3 or over 3).
5242880	DOUBLE CHANCE	For 3-way odds double chance allows betting on 2 of the 3 possible results i.e. 1X/X2/12 or HomeDraw / DrawAway / HomeAway.

6291457	DRAW NO BET	Draw No Bet is similar to MoneyLine in so far as you bet on 2 outcomes only – the exception is that if there is a draw then your stake is refunded.
8388608	1x2 EURO HANDICAP	<p>The 1X2 or European Handicap bet is settled on the basis that one of the teams is given a goal start, giving it an advantage or disadvantage (depending if the goal is added or subtracted).</p> <p>The 1X2 Handicap bet has 3 selections, the same as for Win/Draw/Win</p>



A full and up to date list of all the available odds types can be found at https://xml2.txodds.com/feed/odds_types.php

This feed is fully described at Appendix 13 – Odds Types Service

In a previous example we selected the English and French soccer leagues and then further restricted the returned information to only 4 bookmakers.

Now if we only want Asian Handicap Odds for these matches we request the following:

Example1 <https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&mqid=1018,1022&bid=17,42,110,126&ot=5>

Or if we only want 3-Way Odds for these matches we would request the following instead:

Example2 <https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&mqid=1018,1022&bid=17,42,110,126&ot=0>



Bookmakers will not quote odds for all odds types for all sports. For example for a Soccer match you will usually be quoted both “**3-Way**” & “**Asian Handicap**” prices.

For a Tennis match you will only be quoted “2-Way” odds.

League/Event - Minor ID Groups

pgid is for selecting groups such as Premier League-06 by giving group number as a parameter.

pgid=	The required odds type code
USAGE	&pgid=code1,code2,code3
Example	https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&pgid=2760

In the previous example Sport - Master ID Groups we simply requested the “FBENG” Master ID which gave us all English soccer matches.

The following codes allow you to request all active matches for the specific English league or cup events currently being quoted by bookmakers.

CODE	NAME	YEAR	FULL DESCRIPTION
2760	FBENG	2006	Premier League
2761	FBENG	2006	Coca Cola Championship
2762	FBENG	2006	League 1
2763	FBENG	2006	League 2
2783	FBENG	2006	Carling Cup
2807	FBENG	2006	FA Cup

To request just English Premier League matches use following request

Example <https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&pgid=2760>

Now if we only want Asian Handicap Odds for these Premiership matches and our choice of 4 bookmakers only we request the following:

Example2 <https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&bid=17,42,110,126&ot=5&pgid=2760>

Or if we only want 3-Way Odds for these Premiership matches and bookmaker combination we request the following instead:

Example3 <https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&bid=17,42,110,126&ot=0&pgid=2760>



As the Minor ID groups list is extensive only an example of codes are shown in the Appendix 3 – Minor ID group codes

Any number of codes can be used at the same time as long as you make sure you delimit them by a single comma (,)

Odds order

The TXODDS feed allows you also to specify which order of quoted odds you require for a particular purpose. Please refer to the table below for a detailed explanation

CODE	NAME	FULL DESCRIPTION
0	first/last	You will receive both the first odds (oldest) and last odds (youngest or most recent) quoted by the bookmaker(s)
1	all	

		You will receive all odds quoted from the first odds (oldest) to the last odds (most recent) quoted by the bookmaker(s)
2	last	You will receive the last odds (youngest or most recent) quoted by the bookmaker(s)
3	first	You will receive the first odds (oldest) quoted by the bookmaker(s)

all_odds=	The required odd order code
USAGE	&all_odds=code1
Example	https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&all_odds=2

Odds Formats

The Odds Format parameter allows you to select the format that you want the odds to be returned in. By default all odds are returned in decimal format (1.200) however you can override this by passing in the desired format. You can only provide one odds format with a request.

odds_format=	The required odds format code
USAGE	&odds_format=format_code
Example	https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&odds_format=3

The TXODDS XML Feed currently supports the following Odds Formats

CODE	NAME	FULL DESCRIPTION
0	Decimal	1.200
1	Short Decimal	120
2	US	-500
3	Fractional	1/5
4	Percentage	83

Timed requests

When any request is made the returned XML document provides a **timestamp** at the top of the feed which shows the current TXODDS feed server time for that request.

```
<matches time="2007-05-06 07:07:23" timestamp="1178435243">
</matches>
```

If you want to receive odds **updates** rather than refresh all the odds then you can store this value and use it in your next request.



The timestamp is in standard Unix timestamp format

For more information please see https://en.wikipedia.org/wiki/Unix_time

ot=	The required odds type code
USAGE	&last=timestamp
Example	https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd &last=timestamp

For example to request all 3-way changes after 1215264420 (19th May 2007 13:27:00)

Example1 https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&all_odds=2&ot=0&last=1215264420

Or to request all 3-way and Asian handicap changes after the timestamp

Example2 https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&all_odds=2&ot=0,5&last=1215264420



The timestamp returned is from when our servers built the XML document and is used internally for requesting any updates as described.

It is therefore critical that you only send us timestamps you have recorded from a previous request and do not try to calculate your own timestamp as this may have unforeseen results

Active Price

TXODDS selects and extracts bookmaker's odds (scanning) by a variety of methods. Should the bookmakers website or server be unable and therefore TXODDS cannot **verify** that the odds are either the same or have changed during the current scanning process then those odds are flagged as inactive.

active=	The required active price code
USAGE	<p>&active=0 It will return the last odds from the master database regardless of age</p> <p>&active=1 It will return only the odds that have been found during the last scan i.e. verified as the latest and most recent odds</p> <p> This option should be used if you require verifiable prices</p>
Example	https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&active=1

For example to request all 3-way odds that have been verified during the last scan

Example1 https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&all_odds=2&ot=0&active=1

Match ID

The peid option is for selecting a single match by its matchid attribute as a parameter.

peid=	The required matchid code
USAGE	&peid=xxxxxxx
Example	https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&peid=789701

Bet Offer ID

The boid option is for selecting a single offer via the offer_id attribute as a parameter.

boid=	The required offer_id code
USAGE	&boid=xxxxxxx
Example	https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&boid=63087469



The default odds type is ot=0 (Match Odds). If the bet offer is not ot=0 then you will also need to add the odds type to the request

<https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&boid=yyyyy&ot=1>

Team ID

The pid option is for selecting a single teams odds using the team id (hteam or ateam id) attribute as a parameter.

pid=	The required team id code
USAGE	&pid=xxxxxxx
Example	https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd&pid=1592 This will return all odds for Birmingham City English Soccer team

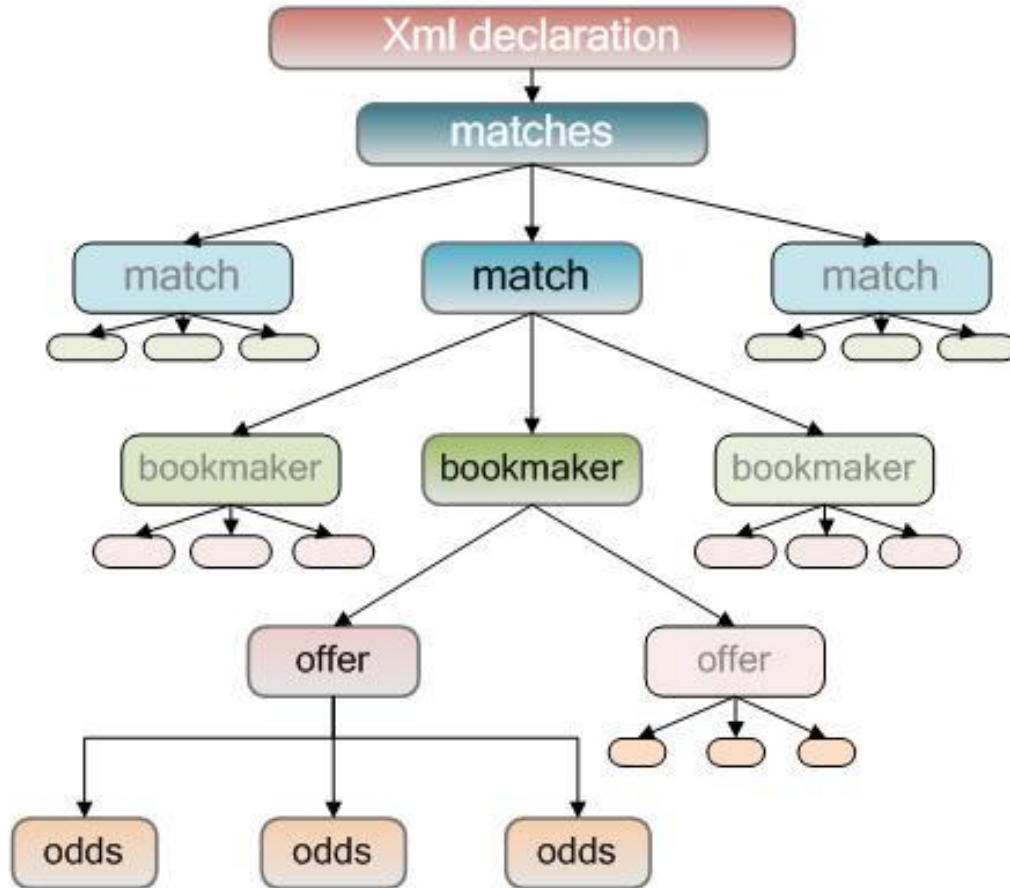


For &pid, &boid, &peid you can use multiple values separated by a comma i.e.

&peid=xxx,yyy,zzzz

Basic XML document structure

The basic TXODDS XML document is structurally rather simple. Each element may have multiple sub-elements based upon your request.



The XML document is made up of the following six elements:-

- XML Declaration
- Matches Container
- Match Element
- Bookmaker Element
- Offer Element
- Odds Element

These are all comprehensively described below.

Odds XML Schema Definition (XSD)

An XML Schema definition is available that describes the Odds XML. This can be used by various development tools to simplify code generation/testing/feed parsing.

<https://xml2.txodds.com/feed/odds/odds.xsd>



The Odds XSD also includes the 'Full Feed' elements/attributes for scores and results. If you don't subscribe to the Full Feed then these elements will always be blank.

XML Declaration

So the first line of our document looks like this:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
```

ATTRIBUTES	DESCRIPTION
?xml version=	While XML documents are not required to begin with an XML declaration, it is generally good practice to do so. The declaration says "This is an XML document" and specifies the version thereof -- the current version of XML itself is 1.0.
encoding=	Now the XML declaration does also afford you the opportunity to specify your preferred encoding type i.e. the way you'll be dealing with special characters. We currently use UTF-8 encoding (See https://en.wikipedia.org/wiki/UTF-8 more details)
standalone=	The value of the standalone attribute is set to "yes" which states there are no declarations external to the document instance that would affect the information in the document passed to the application using it. Simply put, everything you have requested is included in the XML document received.

Matches Container

All requests to the TXODDS XML feed will return an XML document with the "matches" container or "root element" of which there can be only one outer container -- the "root element".

```
<matches time="2007-05-06 07:07:23" timestamp="1178435243">
</matches>
```

ATTRIBUTES	DESCRIPTION		
time=	The current TXODDS server time when the request was processed		
timestamp=	The Unix timestamp when the request was processed		
ELEMENTS	<table> <tr> <td>match</td><td> The match element describes bookmaker, offer and odds information for each match that is returned from the users request Multiple sub-elements are allowed </td></tr> </table>	match	The match element describes bookmaker, offer and odds information for each match that is returned from the users request Multiple sub-elements are allowed
match	The match element describes bookmaker, offer and odds information for each match that is returned from the users request Multiple sub-elements are allowed		



If the request returns no data (i.e. no updates have been received) or it is invalid for some reason you will still receive an XML document with valid XML Declaration and matches container as above but it will of course not contain any data.

It is also a good idea to provide XML document **verification** in your processing code to ensure that the entire document has arrived successfully and is not malformed due to any transmission errors.

Match element

```
<match id="292402" xsid="412568">
<time>2007-05-06T15:00:00+00:00</time>
<group>FBENG Premier League-06</group>
<hteam>Arsenal</hteam>
<ateam>Chelsea</ateam>
<results>
</results>
<bookmaker>
!-bookmaker and odds data will be here
</bookmaker>
</match>
```

ATTRIBUTES		DESCRIPTION
id=		The TXODDS match unique id reference
xsid=		The XSCORES match unique id reference
ELEMENTS	time	The match start time in UTC format. For more details see https://en.wikipedia.org/wiki/Coordinated_Universal_Time PLEASE NOTE: The start times are ALWAYS in UTC and do not change with time zones or summer/winter time changes.
	group	The league or event name for the match
	hteam	The Home Team or Player name
	ateam	The Away Team or Player name
	results	(Not currently used in the Standard Feed please see Full Service Feed description)
	bookmaker	The bookmaker element describes bookmaker and odds information for current match Multiple sub-elements are allowed - One element will be returned for each bookmaker requested or subscribed to.

Bookmaker element

```
<bookmaker bid="110" name="Betfair">
<offer id="47547210" n="53" ot="0" last_updated="2010-05-12T10:45:24+00:00" flags="1" bmoid="101391874">
<odds i="0" time="2010-05-12T10:35:24+00:00" starting_time="2010-05-12T17:00:00+00:00">
<o1>4.3</o1>
<o2>3.95</o2>
<o3>1.92</o3>
</odds>
```

ATTRIBUTES		DESCRIPTION
bid=		The TXODDS bookmaker id reference
name=		The bookmaker name
ELEMENTS	offer	The offer element describes detailed information for the current odds type returned for the current match

Multiple sub-elements are allowed

i.e. if you request multiple **odds types** (such as 3-Way and Asian Handicap) in your request then each odds type returned will have a separate offer element

Multiple lines are also quoted by some bookmakers for Asian Handicap, Totals (Over Under) and Spreads. Please see the section **Multiple lines** below for more details


Example of multiple bookmaker elements

```
- <bookmaker bid="126" name="Bet 365">
- <offer id="47750564" n="3" ot="0" last_updated="2010-05-12T12:33:21+00:00" flags="1" bmoid="0">
- <odds i="0" time="2010-05-10T20:17:34+00:00" starting_time="2010-05-12T17:00:00+00:00">
  <o1>1.25</o1>
  <o2>5.5</o2>
  <o3>12</o3>
</odds>
</offer>
</bookmaker>
- <bookmaker bid="5" name="Expekt">
- <offer id="47756693" n="2" ot="0" last_updated="2010-05-12T12:35:18+00:00" flags="1" bmoid="0">
- <odds i="0" time="2010-05-10T18:37:36+00:00" starting_time="2010-05-12T17:00:00+00:00">
  <o1>1.25</o1>
  <o2>5.25</o2>
  <o3>12</o3>
</odds>
</offer>
</bookmaker>
- <bookmaker bid="42" name="William Hill">
- <offer id="47759111" n="4" ot="0" last_updated="2010-05-12T12:33:58+00:00" flags="1" bmoid="0">
- <odds i="0" time="2010-05-11T08:56:25+00:00" starting_time="2010-05-12T17:00:00+00:00">
  <o1>1.25</o1>
  <o2>5.5</o2>
  <o3>12</o3>
</odds>
</offer>
</bookmaker>
```

Offer element

```
<offer id="47750564" n="3" ot="0" last_updated="2010-05-12T12:33:21+00:00" flags="1" bmoid="0">
<odds i="0" time="2010-05-10T20:17:34+00:00" starting_time="2010-05-12T17:00:00+00:00">
  <o1>1.25</o1>
  <o2>5.5</o2>
  <o3>12</o3>
</odds>
</offer>
```

ATTRIBUTES	DESCRIPTION
id=	The TXODDS offer id reference
n=	The number of changes/updates seen for this offer i.e. opening to current price
ot=	The odds type for this offer element as one of:- Please see Appendix 13 – Odds Types Service The most common are shown here below:

	VALUE	NAME
	0	3-WAY
	1	2-WAY
	3	POINTS
	4	TOTALS
	5	Asian
	65536	3-WAY HALF TIME
	65537	2-WAY HALF TIME
	65539	POINTSPREAD HALF TIME
	65540	TOTALS HALF TIME
	327680	3-WAY 2 ND HALF
	327681	2-WAY 2 ND HALF
	327683	POINT SPREAD 2 ND HALF
	327684	TOTALS 2 ND HALF
	1048577	GOAL / NO GOAL
	2097153	ODD / EVEN
	4194304	TOTAL GOALS
	5242880	DOUBLE CHANCE
	6291457	DRAW NO BET
	8388608	1X2 EURO HANDCIAP
	9437188	TOTAL CORNERS
	9502724	TOTAL CORNERS 1 ST HALF
last_updated=	<p>The time this offer was verified.</p> <p>You can use this time to decide if the data is recent enough for your processing needs. Used in conjunction with the flags attribute below</p>	
flags=	<p>The active Price flag for this offer (See</p> <div style="display: flex; align-items: center;">  <div> <p>The timestamp returned is from when our servers built the XML document and is used internally for requesting any updates as described.</p> <p>It is therefore critical that you only send us timestamps you have recorded from a previous request and do not try to calculate your own timestamp as this may have unforeseen results</p> </div> </div> <p>Active Price for more details) .</p>	

bmoid=	<p>Note: This attribute is added for some bookmakers only</p> <p>It contains the bookmakers 'coupon', 'match identifier' or 'marketid' which references the bookmakers offer on their site or API</p> <p>At the time of writing the following bookmakers information only is available:</p> <p>Betfair, BetDAQ, Doxxbet.</p> <p>NOTE: This attribute should be stored as a STRING as it may contain any alphanumeric character including backslashes, letters and numbers that can/could be used in a URL.</p>
ELEMENTS	<p>odds</p> <p>The odds element describes odds data for each offer element for the current match</p> <p>Multiple sub-elements are allowed</p> <p>For example if you request an Odds order type of 1 (i.e. all_odds=1) you can receive multiple odds elements depending on how many times the odds have changed</p>

Multiple lines

Asian Handicap, Totals (Over Under goals) and Spreads odds types are now usually quoted with multiple lines by most bookmakers.

Each line will have an offer element with a unique offer id attribute.

Totals (Over Under) Example

In the example below this bookmaker is offering over under 2.5 & 2.25 goals.

Some bookmakers will also offer all available, such as 1.5, 2.5, 3.5 & 4.5

```
- <bookmaker bid="126" name="Bet 365">
- <offer id="47764657" n="5" ot="4" last_updated="2010-05-12T01:13:12+00:00" flags="0" bmoid="0">
- <odds i="0" time="2010-05-12T01:08:04+00:00" starting_time="2010-05-12T01:15:00+00:00">
  <o1>2.3</o1>
  <o2>1.6</o2>
  <o3>2.5</o3>
</odds>
</offer>
- <offer id="47814297" n="4" ot="4" last_updated="2010-05-12T01:13:12+00:00" flags="0" bmoid="0">
- <odds i="0" time="2010-05-12T01:08:04+00:00" starting_time="2010-05-12T01:15:00+00:00">
  <o1>2.049</o1>
  <o2>1.8</o2>
  <o3>2.25</o3>
</odds>
</offer>
</bookmaker>
```



Some US orientated bookmakers also offer 2.25 and 2.75 i.e. total 2.25 if game lands on 2 you get half your stake back, 2.75 you get half stake back if game lands on 3 (needs to be 4 to cover) etc.

This is the same principle as for Asian handicaps, applied to totals.

Asian Handicap Example

Many bookmakers also quote multiple Asian Handicap lines as in the example below where one bookmaker has 3 lines for:-

- 0.00/0.50
- 0.50
- 0.50/1.00



Note: As storing Asian lines can be difficult or inefficient as they are 'string' values we have added a decimal representation into the XML so they can be stored in a numeric column or variable.

The dec=xxx attribute is described in detail below

```
<bookmaker bid="110" name="Betfair">
  <offer id="47765647" n="1" ot="5" last_updated="2010-05-12T12:42:32+00:00" flags="1" bmoid="101403720">
    <odds i="0" time="2010-05-10T09:35:22+00:00" starting_time="2010-05-15T18:00:00+00:00">
      <o1>1.01</o1>
      <o2>1.01</o2>
      <o3 dec="0.25">0.00/0.50</o3>
    </odds>
  </offer>
  <offer id="47765648" n="7" ot="5" last_updated="2010-05-12T12:42:32+00:00" flags="1" bmoid="101403720">
    <odds i="0" time="2010-05-12T11:57:28+00:00" starting_time="2010-05-15T18:00:00+00:00">
      <o1>1.96</o1>
      <o2>1.94</o2>
      <o3 dec="0.50">0.50</o3>
    </odds>
  </offer>
  <offer id="47765649" n="1" ot="5" last_updated="2010-05-12T12:42:32+00:00" flags="1" bmoid="101403720">
    <odds i="0" time="2010-05-10T09:35:22+00:00" starting_time="2010-05-15T18:00:00+00:00">
      <o1>1.01</o1>
      <o2>1.01</o2>
      <o3 dec="0.75">0.50/1.00</o3>
    </odds>
  </offer>
</bookmaker>
```

Odds element

```
<odds i="0" time="2010-05-10T18:37:36+00:00" starting_time="2010-05-12T17:00:00+00:00">  
  <o1>1.25</o1>  
  <o2>5.25</o2>  
  <o3>12</o3>  
</odds>
```


ATTRIBUTES		DESCRIPTION	
i=		The integer sequence number for each returned odds for this offer element. This will always start from 0 and incremented by 1 for each odds element returned	
time=		The last time in UTC format that these odds changed . Use the offer element time and flags attributes to determine when these odds were last verified as accurate.	
starting_time=		This is the match starting time according to this bookmaker The time has been extracted from their service and normalized to GMT+0 / UTC+0	
ELEMENTS	o1	Home or first team odds	
	o2	Draw odds if	3-WAY OR EURO HCAP
		Null if	2-WAY
		Away or second team odds if	TOTALS
		Away or second team odds if	POINTS
		Away or second team odds if	ASIAN
	o3	Away or second team odds if	3-WAY OR EURO HCAP
		Away or second team odds if	2-WAY
		Total if	TOTALS
		Spread if	POINTS
		Handicap if	ASIAN
		Note: If ASIAN there will be a dec= attribute showing a decimal representation of the line show in "o3" Representation dec=-1.75 dec=0.50 This will allow programmers to store the Asian lines in a numeric column/variable rather than a string.	Asian Line: -1.50/-2.00 0.50
	o4	Note: If 1x2 EURO HANDICAP then this element will be populated otherwise it will not be available	
		Handicap if	EURO HANDICAP

Odds element Examples

NAME	FULL DESCRIPTION
3-WAY	<pre><odds i="0" time="2010-05-14T09:24:41+00:00" starting_time="2010-05-15T18:00:00+00:00"> <o1>1.95</o1> <o2>3</o2> <o3>3.6</o3> </odds></pre>
2-WAY	<pre><odds i="0" time="2010-05-14T12:08:27+00:00" starting_time="2010-05-15T18:00:00+00:00"> <o1>2.3</o1> <o2>0</o2> <o3>1.714</o3> </odds></pre>
POINTS	<pre><odds i="0" time="2010-05-14T00:58:06+00:00" starting_time="2010-05-15T18:00:00+00:00"> <o1>1.971</o1> <o2>1.935</o2> <o3>-7</o3> </odds></pre>
TOTALS	<pre><odds i="0" time="2010-05-14T01:02:05+00:00" starting_time="2010-05-15T18:00:00+00:00"> <o1>1.909</o1> <o2>1.909</o2> <o3>219</o3> </odds></pre>
ASIAN	<pre><odds i="0" time="2010-05-14T13:39:56+00:00" starting_time="2010-05-15T18:00:00+00:00"> <o1>1.85</o1> <o2>2</o2> <o3 dec="0.5">-0.50</o3> </odds></pre>
MULTIPLE ODDS	<pre><odds i="0" time="2010-05-05T11:00:35+00:00" starting_time="2010-05-15T18:00:00+00:00"> <o1>1.8</o1> <o2>2.1</o2> <o3>0.00/-0.50</o3> </odds> <odds i="1" time="2010-05-05T00:11:47+00:00" starting_time="2010-05-15T18:00:00+00:00"> <o1>1.85</o1> <o2>2.049</o2> <o3>0.00/-0.50</o3> </odds> <odds i="2" time="2010-04-30T13:31:25+00:00" starting_time="2010-05-15T18:00:00+00:00"> <o1>2.125</o1> <o2>1.774</o2> <o3>-0.50</o3> </odds></pre>
1X2 EURO HANDICAP	

	<pre> - <bookmaker bid="13" name="Sportingbet"> - <offer id="50230468" n="7" ot="8388608" last_updated="2010-08-16T19:48:21+00:00" flags="0" bmoid="0"> - <odds i="0" time="2010-08-16T19:48:21+00:00" starting_time="2010-08-16T19:00:00+00:00"> <o1>1.364</o1> <o2>3.8</o2> <o3>9</o3> <o4>-1</o4> </odds> </offer> - <offer id="50230469" n="12" ot="8388608" last_updated="2010-08-16T20:42:40+00:00" flags="0" bmoid="0"> - <odds i="0" time="2010-08-16T20:42:40+00:00" starting_time="2010-08-16T19:00:00+00:00"> <o1>2.25</o1> <o2>1.75</o2> <o3>10</o3> <o4>-2</o4> </odds> </offer> - <offer id="50561504" n="4" ot="8388608" last_updated="2010-08-16T20:34:20+00:00" flags="0" bmoid="0"> - <odds i="0" time="2010-08-16T20:34:20+00:00" starting_time="2010-08-16T19:00:00+00:00"> <o1>4.5</o1> <o2>2.8</o2> <o3>1.85</o3> <o4>-3</o4> </odds> </offer> </bookmaker> </pre>
--	--

US Sports naming information

The TXODDS XML feeds always name the home and away team in the European format across all sports covered.

For clients used to US formatted data where the visiting team is displayed first this may be confusing at first so please read the following explanation.

```

<match id="322083" xsid="495175">
  <time>2007-11-08T03:30:00+00:00</time>
  <group>ICNHL NHL-07</group>
  <hteam>San Jose</hteam>
  <ateam>Dallas</ateam>
  <results />
  <bookmaker bid="53" name="Olympic Sports">
  <offer id="21806046" ot="3" last_updated="2007-11-07T11:27:23+00:00" flags="1">
  <odds i="0" time="2007-11-06T17:30:45+00:00" starting_time="2007-11-08T3:30:00+00:00">
    <o1>2.9</o1>
    <o2>1.435</o2>
    <o3>-1.5</o3>
  </odds>
  </offer>
  </bookmaker>

```

In Europe we would display this match as **San Jose vs. Dallas** (home team first).
In the US this would be displayed as **Dallas at San Jose** (visiting team first).

So, in order to select the correct odds the feed must be processed with the home team first.
Displaying and processing of the information is the responsibility of the client's application.

<o1>2.9</o1>	Always refers to <hteam> or HOME team odds which is San Jose in this match
--------------	--

<o2>1.435</o2>	Refers to the <ateam> or AWAY (VISITING) team odds or Dallas in the above case
<o3>-1.5<o3>	<p>Always refers to the HOME team spread as specified by the <hteam> element i.e. Atlanta</p> <p>By association then the spread for Dallas will then be +1.5</p>

Full Service Feed description

Base URL

The base XML documents can be found at the following URL

<https://xml2.txodds.com/feed/odds/xml.php>



In order to access the feed you will need a valid TXODDS username and password

The Full Service Feed provides the same request options as the standard feed but supports the following additional options:-

Date search

TXODDS allow you to search for the date range of fixtures and results you require

date=	The required date range to search
USAGE	&date=startdate,enddate
Example	https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&date=2009-04-01,2009-04-30

To request all fixtures for all Tennis match fixtures and results between 1st April 2009 and the 30th April 2009

Example <https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&mgid=1081date=2007-06-01,2007-06-30>

The date parameter accepts also the following values:

NAME	FULL DESCRIPTION
yesterday	Yesterday's results
today	Today's results
tomorrow	Tomorrows results
now	Current time + 24 hours
next xxx	Specific day i.e. where xxx is day e.g. Tuesday, Wednesday, etc.

Note: You can also do date arithmetic using the following operators: -+ day / month / year

Examples <https://xml2.txodds.com/feed/result/xml.php?ident=&passwd=&date=today>

<https://xml2.txodds.com/feed/result/xml.php?ident=&passwd=&date=today,tomorrow> +1 day

<https://xml2.txodds.com/feed/result/xml.php?ident=&passwd=&date=now> + 1 day

https://xml2.txodds.com/feed/result/xml.php?ident=&passwd=&date=next_saturday
default range is 24 hours :

<https://xml2.txodds.com/feed/result/xml.php?ident=&passwd=&date=2009-3-24>
returns all fixtures on 24th March

Day search

A simpler way to search uses the days option

days=	The numbers of days in the future to search
USAGE	&days=number
Example	https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&days=7

To request all fixtures for all Tennis match fixtures in the next ten days

Example <https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&mgid=1081days=10>

Use the &days= feature to separate full odds loads easily (and therefore cutting down on file sizes)

The xml days-parameter simplifies data loading. It now accepts the following format:

&days=n,r

Where: n is the starting day relative to the current date and r is range (in days) so for example;

To return all of today's odds

Example <https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&mgid=1081days=0,1>

To return odds for the next 2 days

Example <https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&mgid=1081days=0,2>

To return tomorrow's odds

Example <https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&mgid=1081days=1,1>

To return yesterday's odds

Example <https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&mgid=1081days=0,-1>

If the r parameter is not specified it works like before:

NAME	FULL DESCRIPTION
days=1	Today
days=3	Next 3 days
days=-1	Yesterday
days=-3	Last 3 days

Hours Search

Hours parameter - now you can request any upcoming info within an hour range

To get all matches/odds for any given time range by using the date parameter. For example this returns all soccer fixtures for the next 24 hours:

Example <https://xml2.txodds.com/feed/result/xml.php?ident=&passwd=&date=now,now+24hour&spid=1>

Fixtures & results

To choose between fixtures or final results you can use the result option

results=	The required match type i.e. fixture or result
USAGE	&result=code
Example	https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&result=0

The TXODDS XML Feed currently supports the following Results types

CODE	NAME	FULL DESCRIPTION
0	FIXTURE	To request FIXTURES only
1	RESULT	To request RESULTS only

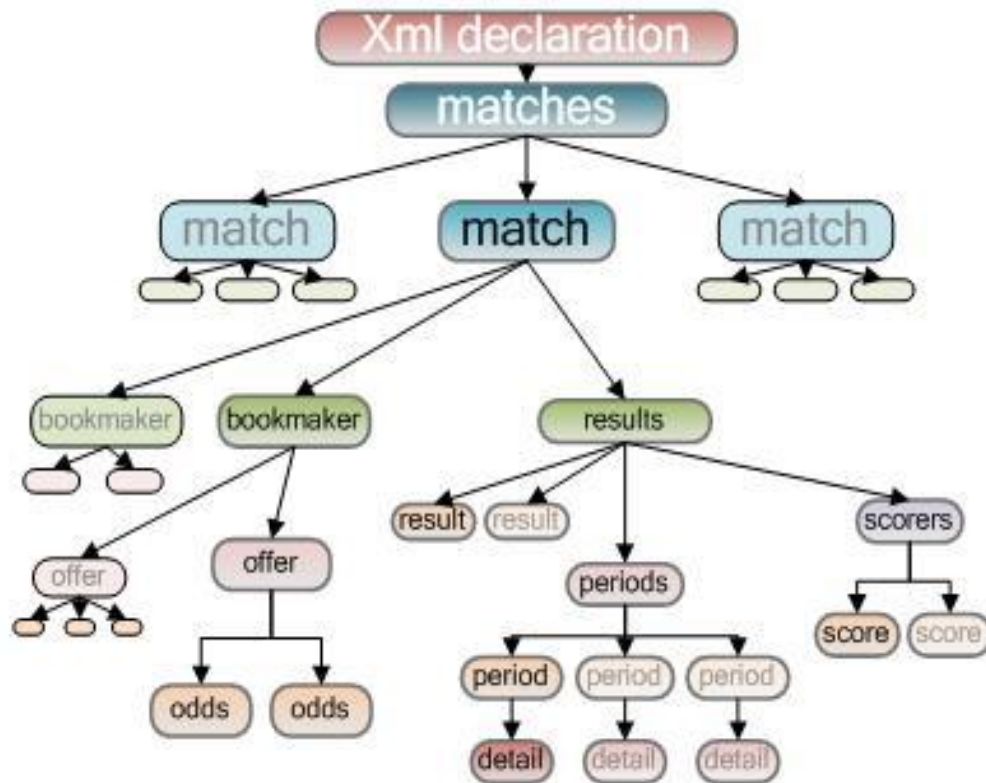
Example 1 – All Soccer results

To request all soccer matches regardless of country or league that have already finished and a result is available:-

Example <https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&mgstr=FB&results=1>

Full Service Feed XML document structure

The Full Service Feed XML document is an extension of the Standard Feed to provide the additional information for fixtures, live scoring and final results information so please refer to the Standard XML Feed description for the base structure details. In this section we will just document the additional elements in the feed.



The XML document is made up of the following ten elements:-

- XML Declaration
- Matches Container
- Match Element
 - **Bookmaker Element**
 - Offer Element
 - Odds Element
 - **Results Element**
 - Result Element
 - Periods Element
 - Scorer Element

Odds XML Schema Definition (XSD)

An XML Schema definition is available that describes the Odds XML. This can be used by various development tools to simplify code generation/testing/feed parsing.

<https://xml2.txodds.com/feed/odds/odds.xsd>

Match element

```
- <match id="654612" xsid="627543" gsmid="781365" last_updated="2010-03-24T23:25:56+00:00">
  <time>2010-03-23T20:00:00+00:00</time>
  <group id="4864">FBENG Premier League-09</group>
  <hteam id="3333">West Ham</hteam>
  <ateam id="3355">Wolves</ateam>
  <results>
    !-results data
  </results>
  <bookmaker>
    !-bookmaker and odds data will be here
  </bookmaker>
</match>
```

ATTRIBUTES		DESCRIPTION
id=		The TXODDS match unique id reference
xsid=		The X-Scores match unique id reference
gsmid=		The Global Sports Media (GSM) match unique id reference
ELEMENTS	time	The match start time in UTC format. For more details see https://en.wikipedia.org/wiki/Coordinated_Universal_Time
	group	The league or event name for the match
	hteam	The Home Team or Player name
	ateam	The Away Team or Player name
	results	The results element describes live scoring and results information for the current match Multiple sub-elements are allowed
	bookmaker	The bookmaker element describes bookmaker and odds information for current match Multiple sub-elements are allowed Please see the Standard Feed Bookmaker element section for more information

Results element

ATTRIBUTES		DESCRIPTION	
ELEMENTS	status	Match status.	
		Please see Match Status Types below	
		VALUE	DESCRIPTION
		last_updated=	The time the status was last updated
	minute=	The current minute of the game if live / in-play. Depends on the source of the scores data as the minute is only available via GSM Note: if the match gsmid=0 then the minute will always be " -1"	
result	The result information for the match. Empty if status is SCHED. Multiple result elements are allowed		
periods	Match periods including detail of the score during that time – the number of periods within a match is dependent on the sport being referenced		
scorers	The player who scores is named along with the timing of the goal and the team, time and type.		

Match Status Types

SOCCER		BASKETBALL		AMERICAN FOOTBALL	
Status	Status type	Status	Status type	Status	Status type
Sched	Scheduled	Sched	Scheduled	Sched	Scheduled
1 HF	Live - First Half	1Q	Live – 1 st Quarter	1Q	Live – 1 st Quarter
H/T	Live – Half Time	2Q	Live – 2 nd Quarter	2Q	Live – 2 nd Quarter
2 HF	Live - Second Half	H/T	Live – Half Time	H/T	Live – Half Time
Fin	Finished	3Q	Live – 3 rd Quarter	3Q	Live – 3 rd Quarter
E/T	Live -Extra Time	4Q	Live – 4 th Quarter	4Q	Live – 4 th Quarter
Pen	Live - Penalties	O/T	Live - Overtime	O/T	Live – Overtime
Susp	Suspended	Susp	Suspended	Susp	Suspended
Post	Postponed	Post	Postponed	Post	Postponed
Canc	Cancelled	Fin	Finished	Fin	Finished
		Canc	Cancelled	Canc	Cancelled

ICE HOCKEY		BASEBALL		TENNIS	
Status	Status type	Status	Status type	Status	Status type
Sched	Scheduled	Sched	Scheduled	Sched	Scheduled
1Per	Live – 1 st Period	Fin	Finished	Set1	Live -1 st Set
E/P1	Live	Susp	Suspended	Set2	Live – 2 nd Set
2Per	Live – 2 nd Period	Live	In-play	Set3	Live – 3 rd Set
E/P2	Live	Post	Postponed	Set4	Live – 4 th Set
3Per	Live – 3 rd Period	Canc	Cancelled	Set5	Live – 5 th Set
O/T	Live - Overtime			Susp	Suspended
Pen	Live – Penalties			Live	In-play
Fin	Finished			Post	Postponed
Susp	Suspended			Canc	Cancelled
Live	In-play			Fin	Finished
Post	Postponed			Retired	Player Retired
Canc	Cancelled			Walkover	Player did not start

Result element

```

- <results>
  <status last_updated="2010-03-23T21:57:03+00:00" minute="-1">Fin</status>
  <result id="1" name="CURRENT" value="1-3" />
  <result id="2" name="FT" value="1-3" />
  <result id="3" name="HT" value="0-1" />

```

ATTRIBUTES		DESCRIPTION	
ELEMENTS	id	Match result sequence number. There will be one id=1 for the current score	
		Subsequent ids are for each period of the match which is dependent on the sport being referenced	
	name	VALUE	NAME
		CURRENT	The current score if in-play or the result if the match has finished. In tennis this shows the current Set score (the game score for the current set are in the Periods element)
		FT	The Full-time score
		HT	The Half-time score (if available for the sport)

		R	Runs (baseball only)	
	value	The current score in goals, sets, points etc.		

Result Element Examples

NAME	FULL DESCRIPTION
SOCCER	<pre><result id="1" name="CURRENT" value="1-1" /> <result id="2" name="FT" value="1-1" /> <result id="3" name="HT" value="0-0" /></pre>
TENNIS	<pre><result id="1" name="CURRENT" value="0-2" /></pre>
BASKETBALL	<pre><result id="1" name="CURRENT" value="107-109" /> <result id="2" name="FT" value="91-91" /> <result id="3" name="HT" value="52-51" /></pre>
ICE HOCKEY	<pre><result id="1" name="CURRENT" value="5-3" /> <result id="2" name="FT" value="5-3" /></pre>
BASEBALL	<pre><result id="1" name="R" value="2-4" /></pre>

Periods element

The periods element has only one sub element which describes the Match periods including detail of the score during that time – the number of periods within a match is dependent on the sport being referenced.

```
- <periods>
- <period id="1" name="1HF">
  <detail name="SCORE" value="0-1" />
</period>
- <period id="2" name="2HF">
  <detail name="SCORE" value="1-2" />
</period>
- <period id="3" name="ET">
  <detail name="SCORE" value="" />
</period>
- <period id="4" name="PEN">
  <detail name="SCORE" value="" />
</period>
</periods>
```

ATTRIBUTES		DESCRIPTION					
ELEMENTS	id	Match result sequence number. There will be one id=1 for the current score. Subsequent ids are for each period of the match which is dependent on the sport being referenced					
	name	Sport	Name				
		Soccer	1HF	2HF	ET	PEN	
		Tennis	S1	S2	S3	S4	S5
		Basketball	1Q	2Q	3Q	4Q	OT

		Ice Hockey	1P	2P	3P	OT	PN
		American Football	1Q	2Q	3Q	4Q	OT
	detail	The detail element shows the score for the current period					

Detail element

Each period element has a descriptive detail element with a name, value pair as follows:-

ATTRIBUTES		DESCRIPTION	
ELEMENTS	name	VALUE	NAME
		SCORE	The current score for all sports except baseball. In tennis this contains the game score in the current set
	value	The score for the named period	

Period Element Examples

NAME	FULL DESCRIPTION
SOCCER	<pre> <period id="1" name="1HF"> <detail name="SCORE" value="0-0" /> </period> <period id="2" name="2HF"> <detail name="SCORE" value="1-1" /> </period> <period id="3" name="ET"> <detail name="SCORE" value="0-0" /> </period> <period id="4" name="PEN"> <detail name="SCORE" value="0-0" /> </period> </pre>
TENNIS	<pre> <period id="1" name="S1"> <detail name="SCORE" value="3-6" /> </period> <period id="2" name="S2"> <detail name="SCORE" value="0-6" /> </period> <period id="3" name="S3"> <detail name="SCORE" value="0-0" /> </period> <period id="4" name="S4"> <detail name="SCORE" value="0-0" /> </period> <period id="5" name="S5"> <detail name="SCORE" value="0-0" /> </period> </pre>
BASKETBALL	

	<pre> <period id="1" name="1Q" > <detail name="SCORE" value="29-23" /> </period> <period id="2" name="2Q" > <detail name="SCORE" value="23-28" /> </period> <period id="3" name="3Q" > <detail name="SCORE" value="18-19" /> </period> <period id="4" name="4Q" > <detail name="SCORE" value="21-21" /> </period> <period id="5" name="OT" > <detail name="SCORE" value="16-18" /> </period> </pre>
ICE HOCKEY	<pre> <result id="1" name="CURRENT" value="5-3" /> <result id="2" name="FT" value="5-3" /> </pre>
BASEBALL	<pre> <period id="1" name="1" > <detail name="RUN" value="0-1" /> </period> <period id="2" name="2" > <detail name="RUN" value="0-0" /> </period> and so on ... <period id="9" name="9" > <detail name="RUN" value="0-0" /> </period> </pre>

Scorers element

The scorers element has only one sub element which describes the goal scorers including detail of the scorers name, period the goal was scored, team, time and type goal.

```

- <scorers>
  <score name="K. Doyle" period="1" team="1" time="28" type="" />
  <score name="R. Zubar" period="2" team="1" time="58" type="" />
  <score name="M. Jarvis" period="2" team="1" time="61" type="" />
  <score name="G. Franco" period="2" team="0" time="90" type="" />
</scorers>

```

ATTRIBUTES		DESCRIPTION	
ELEMENTS	name	Name of the goal scorer	
	period	Which period id the goal was scored in	
	team	Team id for the scorer	
		VALUE	NAME
		0	Home team player
		1	Away team player
	time	The time the goal was scored, in minutes. For Ice Hockey, the time is presented as Period + minutes i.e. 107 is 7 minutes in the first period	
	type	Please see Scorers Types below for definitions	

Scorers Types**SOCCER**

Status type	Status
(empty)	Goal
Pen	Penalty
Own	Own Goal
ET	Ex/Time - Goal
ETPen	Ex/Time - Penalty
ETOwn	Ex/Time - Own Goal
Pen	Penalty Kicks

BASKETBALL

Status type	Status
Qrt1	1st Quarter
Qrt2	2nd Quarter
Qrt3	3rd Quarter
Qrt4	4th Quarter
ET	ET points

ICE HOCKEY

Status type	Status
(empty)	Goal
Pen	Penalty
Own	Own Goal
ET	Ex/Time - Goal
ETPen	Ex/Time - Penalty
ETOwn	Ex/Time - Own Goal
EGPen	End Of game Penalty

AMERICAN FOOTBALL

Status type	Status
TD	Touch Down
EP	Extra Point
2PC	Two-Point Conversion
FG	Field Goal
Safe	Safety
ET TD	Ex/Time - Touch Down
ET EP	Ex/Time - Extra Point
ET 2PC	Ex/Time - Two-Point Conversion
ET FG	Ex/Time - Field Goal
ET Safe	Ex/Time - Safety
4pFG	4p Field Goal
ET 2pFG	Ex/Time - 4p Field Goal
Rouge	Rouge
ET Rouge	EX/Time - Rouge

TENNIS

Status type	Status
Set1	Set1
Set2	Set2
Set3	Set3
Set4	Set4
Set5	Set5

BASEBALL

Status type	Status
In	Inning

Scorers Element examples

NAME	FULL DESCRIPTION
SOCCER	<pre> <scorers> <score name="MAEDA" period="1" team="1" time="18" type="Own" /> <score name="OTA" period="1" team="1" time="21" type="" /> <score name="KIKUCHI" period="2" team="1" time="56" type="" /> <score name="FABRICIO" period="2" team="1" time="63" type="" /> <score name="OTA" period="2" team="1" time="73" type="Pen" /> <score name="MAEDA" period="2" team="1" time="77" type="" /> <score name="MASUSHIMA" period="2" team="0" time="84" type="" /> </scorers> </pre>
ICE HOCKEY	<pre> <scorers> <score name="MCDONALD" period="1" team="1" time="106" type="" /> <score name="NEIL" period="1" team="0" time="117" type="" /> <score name="PERRY" period="2" team="1" time="205" type="" /> <score name="FISHER" period="2" team="0" time="206" type="" /> <score name="GETZLAF" period="2" team="1" time="208" type="" /> <score name="ALFREDSSON" period="2" team="0" time="217" type="" /> <score name="MCAMMOND" period="2" team="0" time="219" type="" /> <score name="VOLCHENKOV" period="3" team="0" time="309" type="" /> </scorers> </pre>



If the match result is 0-0 the XML can appear to be missing the result at first glance as there are no scorers. You need to look for the Match Status of "FIN" to be sure the match has finished without any score.

Fixtures & Results Feed description

Base URL

The base XML documents can be found at the following URL

<https://xml2.txodds.com/feed/result/xml.php>



In order to access the feed you will need a valid TXODDS username and password

Requesting specific information

Due to TXODDSs comprehensive fixtures and results coverage of sports, events requests can be made by a combination of:-

- **sport** i.e. Football/soccer by country or American football NCAA
- **league** i.e. English Premiership
- **fixtures only** i.e. the match has not yet started
- **results only** i.e. the match has finished
- **by time** i.e. from date range or future days

The Fixtures & Results feed supports only the following request options:-

Date search

TXODDS allow you to search for the date range of fixtures and results you require

date=	The required date range to search
USAGE	&date=startdate,enddate
Example	https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&date=2009-04-01,2009-04-30

To request all fixtures for all Tennis match fixtures and results between 1st April 2009 and the 30th April 2009

Example <https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&mgid=1081date=2009-04-01,2009-04-30>

Day search

A simpler way to search uses the days option

days=	The numbers of days in the future to search
USAGE	&days=number
Example	https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&days=7

To request all fixtures for all Tennis match fixtures in the next seven days

Example <https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&spid=5&days=7>

Sport - Master ID Groups

TXODDS provides a list of specific **Master ID Groups** to allow you to request just the content for the sport and country that you require.

mgid=	The required code
USAGE	&mgid=code1,code2,code3
Example	https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&mgid=1018

Example 1 – All NBA Basketball

If you are just interested in the USA NBA basketball league then the following code is applied to allow you to request all the active matches for the NBA

CODE	NAME	FULL DESCRIPTION
1072	BANBA	NBA Playoffs Preseason

Example <https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&mgid=1072>

Example 2 – All English & French Soccer

The following codes are applied to allow you to request all active matches for the entire English and French soccer leagues and cup events currently being quoted by bookmakers

CODE	NAME	FULL DESCRIPTION
1018	ENGLISH SOCCER	Premier League Coca Cola Championship League 1 League 2 Conference Conference South Conference north Carling Cup FA Cup FA Trophy LDV Vans Trophy Community Shield
1022	FRENCH SOCCER	1e Division 2e Division Couple de la Ligue Super Cup National FA Cup

So, to use multiple Master ID codes for both countries at the same time in a single request you just add them to end of the request and delimit them by a single comma.

Example <https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&mgid=1018,1022>



A full list of current codes can be found in the Appendix Sport - Master ID Groups.

Any number of codes can be used at the same time as long as you make sure you delimit them by a single comma (,).

Sport - Master ID Groups by name

Additionally you can also request Master IDs via their name value rather than their code as follows:-

mgstr=	The required name
USAGE	&mgstr=name1,name2
Example	https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&mgstr=FB

Example 1 – All NBA Basketball (by name)

If you are just interested in the USA NBA basketball league then the following name is applied to allow you to request all the active matches for the NBA

CODE	NAME	FULL DESCRIPTION
1072	BANBA	NBA Playoffs Preseason

Example <https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&mgstr=BANBA>

Example 2 – All English & French Soccer (by name)

The following names are applied to allow you to request all active matches for the entire English and French soccer leagues and cup events currently being quoted by bookmakers

CODE	NAME	FULL DESCRIPTION
1018	FBENG	Premier League Coca Cola Championship League 1 League 2 Conference Conference South Conference north Carling Cup FA Cup FA Trophy LDV Vans Trophy Community Shield
1022	FBFRA	1e Division 2e Division Couple de la Ligue Super Cup National FA Cup

So, to use multiple Master ID codes for both countries at the same time in a single request you just add them to end of the request and delimit them by a single comma.

Example <https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&mgstr=FBENG,FBFRA>

Example 3 – All Soccer (by name)

To request all soccer matches regardless of country or league you can use the name abbreviation as follows:-

Example <https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&mgstr=FB>

This will request all Master ID names that start with FB



A full list of current codes can be found in the Appendix **Sport - Master ID Groups**.

Any number of codes can be used at the same time as long as you make sure you delimit them by a single comma (,)

Team search

You can search for fixtures for a specific team (or teams) using its competitor id (see the Appendix 6 - Competitors web service)

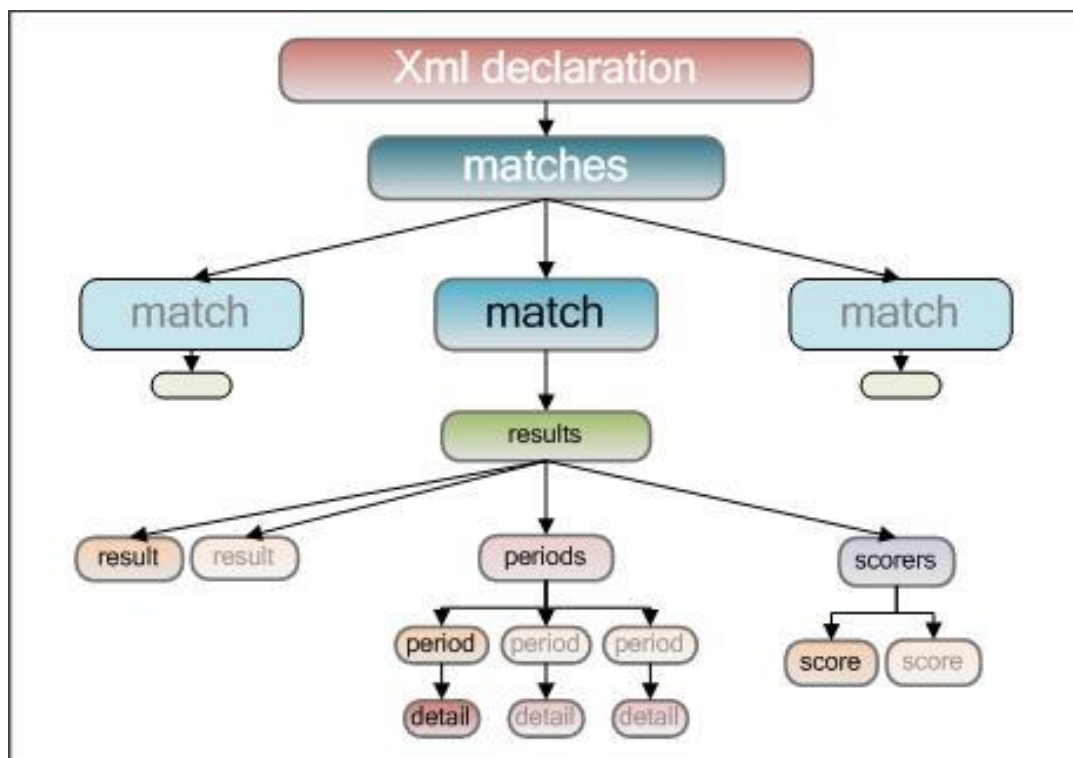
pid=	The team competitors id (or ids)
USAGE	&pid=id1,id2,id3
Example	https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&days=14&pid=2519

To request all fixtures for Manchester City and Arsenal for the next 14 days

Example <https://xml2.txodds.com/feed/result/xml.php?ident=id&passwd=pwd&pid=2519,149&days=14>

Basic XML document structure

The Fixtures and Results XML document is an extension of the Standard Feed to provide the additional information for fixtures, live scoring and final results information



The XML document is made up of the following three elements:-

- XML Declaration
- Matches Container
- Match Element
- Results Element
- Result Element
- Periods Element
- Scorers Element

The Fixtures & Results feed has a different Match element to the Standard or Full Service feeds. The results and subsequent elements are the same as for the Full Service feed and documentation can be found at Results element

Results XML Schema Definition (XSD)

An XML Schema definition is available that describes the Results XML. This can be used by various development tools to simplify code generation/testing/feed parsing.

<https://xml2.txodds.com/feed/result/result.xsd>

Matches Container

All requests to the TXODDS XML feed will return an XML document with the “matches” container or “root element” of which there can be only one outer container -- the "root element".

```
<matches time="2007-05-06 07:07:23" >
</matches>
```

ATTRIBUTES		DESCRIPTION
time=		The current TXODDS server time when the request was processed
ELEMENTS	match	The match element describes bookmaker, offer and odds information for each match that is returned from the users request
		Multiple sub-elements are allowed

Match element

```
- <match id="684211" xsid="687427" gsmid="0" last_updated="2010-05-12T12:20:02+00:00">
  <time>2010-05-12T12:20:00+00:00</time>
  <group id="6466">TENNIS Madrid Spain-10</group>
  <hteam id="14480">Lopez, Feliciano</hteam>
  <ateam id="3542">Roddick, Andy</ateam>
  <results>
    <status last_updated="2010-05-10T17:40:04+00:00" minute="-1">Sched</status>
    <periods />
    <scorers />
  </results>
</match>
```

ATTRIBUTES		DESCRIPTION
id=		The TXODDS match unique id reference

xsid=	The Xscores match unique id reference (Please see notes below)	
gsmid=	The GSM match unique id reference (Please see notes below)	
ELEMENTS	time	The match start time in UTC format. For more details see https://en.wikipedia.org/wiki/Coordinated_Universal_Time)
	group	The league or event ID and name for the match
	hteam	The Home Team or Player ID and name
	ateam	The Away Team or Player ID and name
	results	Please see Results element for the Full Service feed for more information



Please note: Some matches may not have any results service. These can be easily found by checking the value of the attributes 'xsid' and 'gsmid'.

If both these values="0" then there will no results for this match.



The Results, Periods and Scorers elements are the same as for the full Service Feed so are not repeated here

Resolving missing results problems

When a match appears to have finished and it has no results information this can usually be due to the following reasons:-

No results service

There are no results offered on the match. This can easily be resolved by checking if the match has valid values in the "xsid" and "gsmid" attributes.

```
<match id="1314838" xsid="0" gsmid="1172844" last_updated="2011-08-16T13:05:10+00:00">
  <time>2011-08-29T22:00:00+00:00</time>
  <group id="8623">FBINT Pacific Games-11</group>
```

So for this match it has a 'gsmid' attribute with a value greater than 0 then we will provide for this match.

If the match XML looks like this, and the gsmid = "0" then this fixture has been added by us for "odds only" and there will be no results provided.

```
<match id="1519402" xsid="0" gsmid="0" last_updated="2011-08-29T07:30:27+00:00">
  <time>2011-08-30T13:30:00+00:00</time>
  <group id="7969">FBECUP Club Friendlies-11</group>
```

Match has been deleted

There are other possibilities for what appear to be 'missing results'. A common problem can be getting out of synchronisation with the fixtures.

For instance if a match has been deleted from our feed for any reason i.e. usually an error in the fixture itself, then these can be tracked using the "deleted_peids.php" web service which is explained in Appendix 5 - Deleted matches

This is maintenance feed which lists all the matchids i.e. the unique id attribute for every match 'match id="1519401"' that have been deleted. You should track this feed and remove any matches that appear here to keep in synchronisation with the feed.

Delayed results

The result currently has no official result posted.

This can happen for some minor leagues and if the delay in the result coming in is too long then please contact us and we check for the latest information on why the result is not available.

Match Odds Feed

A separate web service provides access to match odds for Half Time / Full Time, Correct Score, combined with Antepost odds.

Base URL

The base XML documents can be found at the following URL

https://xml2.txodds.com/feed/odds/match_odds.php



In order to access the feed you will need a valid TXODDS username and password

Requesting specific information

This feed can be searched using all the same request options as per the Standard feed, along with the additional request parameters listed below.

Example https://xml2.txodds.com/feed/odds/match_odds.php?ident=id&passwd=pwd

Antepost Odds Type

The antepost odds have their own odds type ids from the standard feed. The apot request parameter should be used to define the type of match odds to be returned.

apot=	The required code
USAGE	&apot=code
Example	https://xml2.txodds.com/feed/odds/match_odds.php?ident=id&passwd=pwd&apod=1 This will return match odds for Half Time / Full Time

CODE	DESCRIPTION
1	Half Time / Full Time (Default)
2	Correct Score
3	First Goal scorer
4	Method of Victory
5	Total Score 0,1,2,3,4,5+
6	Total Score 0-1, 2-3, 4-6, 7+
7	Correct Score 4,4,+

8	Man of the Match
9	Tennis Set Score

Basic XML document structure

The Average Feed XML document is fully customized to provide the easiest access to the wealth of information contained in the feed.



The XML document is made up of the following elements:-

- XML Declaration
- Matches Container
- Match Element
- bookmaker Element
- Offer Element
- Result Element
- Odds Element

Matches Container

All requests to the TXODDS XML feed will return an XML document with the “matches” container or “root element” of which there can be only one outer container -- the "root element".

```
<matches time="2015-03-06T15:35:09+00:00" timestamp="1425656109">
</matches>
```

ATTRIBUTES	DESCRIPTION
time=	The current TXODDS server time when the request was processed
timestamp=	The UNIX timestamp of the last request, to be used for selecting updates.

ELEMENTS	match	<p>The match element describes bookmaker, offer and odds information for each match that is returned from the users request</p> <p>Multiple sub-elements are allowed</p>
----------	-------	---

Match element

```
<matches time="2015-03-06T15:35:09+00:00" timestamp="1425656109">
  <match id="3081511" xsid="0">
    <time>2015-03-06T13:00:00+00:00</time>
    <group id="23825">TENNIS ITF Women Curitiba (23825)-15</group>
    <competition id="0"/>
    <hteam id="36030">Goncalves, Paula</hteam>
    <ateam id="35691">Pereira, Teliana</ateam>
    <bookmaker name="Bet 365" id="126">
      <offer ...>
        <result ...>
          <odds .../>
        </result>
      </offer>
    </bookmaker>
  </match>
</matches>
```

ATTRIBUTES		DESCRIPTION		
id=	The TXODDS match unique id reference			
xsid=	The match unique id reference			
ELEMENTS	time	The match start time in UTC format. For more details see https://en.wikipedia.org/wiki/Coordinated_Universal_Time)		
	group	The league or event ID and name for the match		
	competition	The competition ID		
	hteam	The Home Team or Player ID and name		
	ateam	The Away Team or Player ID and name		
	bookmaker	This element is described below		
	offer	element	description	
		result	This element is described below. Multiple sub elements are allowed	
attribute		description		
odds		The odds type for this element		

Bookmaker element

```
<bookmaker name="Coral" id="244">
```

ATTRIBUTES		DESCRIPTION	
ELEMENTS	bookmaker	attribute	description
		name=	The bookmakers name
		id=	The bookmakers id code

Offer element

```
<offer type="HTFT" last_update="2008-03-30T05:10:00+00:00">
```

ATTRIBUTES		DESCRIPTION	
ELEMENTS	offer	This element designates any grouping of the odds required, such as for multiple lines for handicaps etc.	
		attribute	description
		type=	The grouping for this element – depends on the odds type above
		last_updated=	The last time this bookmakers offers were verified

VALUE	NAME
HTFT	Half time / Full time odds
CS	Correct score odds

Result element

Example HTFT element

```

<offer type="HTFT" last_update="2008-03-30T05:10:00+00:00">
  <result outcome="HOME/HOME">
    <odds i="0" odd="5.50" time="2008-03-16T16:21:00+00:00" />
  </result>
  <result outcome="HOME/DRAW">
    <odds i="0" odd="15.00" time="2008-03-16T16:21:00+00:00" />
  </result>
  <result outcome="HOME/AWAY">
    <odds i="0" odd="23.00" time="2008-03-16T16:21:00+00:00" />
  </result>
  <result outcome="DRAW/HOME">
    <odds i="0" odd="7.00" time="2008-03-16T16:21:00+00:00" />
  </result>
  <result outcome="DRAW/DRAW">
    <odds i="0" odd="4.50" time="2008-03-16T16:21:00+00:00" />
  </result>
  <result outcome="DRAW/AWAY">
    <odds i="0" odd="4.50" time="2008-03-16T16:21:00+00:00" />
  </result>
  <result outcome="AWAY/HOME">
    <odds i="0" odd="29.00" time="2008-03-16T16:21:00+00:00" />
  </result>
  <result outcome="AWAY/DRAW">
    <odds i="0" odd="15.00" time="2008-03-16T16:21:00+00:00" />
  </result>
  <result outcome="AWAY/AWAY">
    <odds i="0" odd="3.60" time="2008-03-16T16:21:00+00:00" />
  </result>
</offer>

```

Example Correct score element

```

<offer type="CS" last_update="2015-03-06T15:32:47+00:00" bmoid="0">
  <result outcome="0-3">
    <odds i="0" odd="6.00" time="2015-03-06T10:27:16+00:00"/>
  </result>
  <result outcome="1-3">
    <odds i="0" odd="5.00" time="2015-03-06T10:27:16+00:00"/>
  </result>
  <result outcome="2-3">
    <odds i="0" odd="6.00" time="2015-03-06T10:27:16+00:00"/>
  </result>
  <result outcome="3-0">
    <odds i="0" odd="4.50" time="2015-03-06T10:27:16+00:00"/>
  </result>
  <result outcome="3-1">
    <odds i="0" odd="4.00" time="2015-03-06T10:27:16+00:00"/>
  </result>
  <result outcome="3-2">
    <odds i="0" odd="5.00" time="2015-03-06T10:27:16+00:00"/>
  </result>
</offer>

```

ATTRIBUTES		DESCRIPTION												
ELEMENTS	result	This element designates any grouping of the odds required, such as for multiple lines for handicaps etc.												
		<table><tr><th>attribute</th><th colspan="2">description</th></tr><tr><td rowspan="4">outcome</td><td colspan="2">Depends on the offer type above</td></tr><tr><td>Offer type</td><td>description</td></tr><tr><td>HTFT</td><td>Result types from:- HOME/HOME HOME/DRAW HOME/AWAY DRAW/HOME DRAW/DRAW DRAW/AWAY AWAY/HOME AWAY/DRAW AWAY/AWAY</td></tr><tr><td>CRS</td><td>The correct score quoted like:- 0-0 1-1 2-2 1-0 and so on</td></tr></table>	attribute	description		outcome	Depends on the offer type above		Offer type	description	HTFT	Result types from:- HOME/HOME HOME/DRAW HOME/AWAY DRAW/HOME DRAW/DRAW DRAW/AWAY AWAY/HOME AWAY/DRAW AWAY/AWAY	CRS	The correct score quoted like:- 0-0 1-1 2-2 1-0 and so on
		attribute	description											
		outcome	Depends on the offer type above											
			Offer type	description										
HTFT	Result types from:- HOME/HOME HOME/DRAW HOME/AWAY DRAW/HOME DRAW/DRAW DRAW/AWAY AWAY/HOME AWAY/DRAW AWAY/AWAY													
CRS	The correct score quoted like:- 0-0 1-1 2-2 1-0 and so on													

Odds element

```
<odds i="0" odd="5.50" time="2008-03-16T16:21:00+00:00" />
```

ATTRIBUTES		DESCRIPTION
ELEMENTS	odds	This element designates any grouping of the odds required, such as for multiple lines for handicaps etc.

Average feed

A separate web service provides

Base URL

The base XML documents can be found at the following URL

<https://xml2.txodds.com/feed/average/xml.php>



In order to access the feed you will need a valid TXODDS username and password

Requesting specific information

This feed can be searched using the pgid (for leagues/events) and bid (for bookmakers) as per the Standard or Full Service feed.

Example <https://xml2.txodds.com/feed/average/xml.php?ident=id&passwd=pwd&pgid=3368>

League/Event - Minor ID Groups

The pgid is for selecting different groups such as Champions League -07 by giving the group number as a parameter.

pgid=	The required league/event code
USAGE	&pgid=code1,code2,code3
Example	https://xml2.txodds.com/feed/average/xml.php?ident=id&passwd=pwd&pgid=3368

Bookmakers

If you made the above requests you would have received all bookmakers quoted prices. For popular events there can be well over a hundred bookmaker odds on the TXODDS XML Feed.

bid=	The required bookmaker code
USAGE	&bid=code1,code2,code3
Example	https://xml2.txodds.com/feed/average/xml.php?ident=id&passwd=pwd&bid=7

Example 1 – Only selected bookmakers

In a previous example we selected the Champions League i.e. with “pgid=3368” then when the following code is applied to allow you to request odds from only these 3 bookmakers.

CODE	NAME	WEBSITE
17	LADBROKES	www.ladbrokes.com
34	STAN JAMES	www.stanjames.com
42	WILLIAM HILL	www.williamhill.com

Example <https://xml2.txodds.com/feed/average/xml.php?ident=id&passwd=pwd&pgid=3368&bid=17,34,42>



A full list of current codes can be found in the Appendix 1 – Bookmaker codes.

Any number of codes can be used at the same time as long as you make sure you delimit them by a single comma (,)

Match ID

The peid option is for selecting a single match by its matchid attribute as a parameter.

peid=	The required matchid code
USAGE	&peid=xxxxxxx
Example	https://xml2.txodds.com/feed/average/xml.php?ident=id&passwd=pwd&peid=789701

Team ID

The pid option is for selecting a single teams odds using the team id (hteam or ateam id) attribute as a parameter.

peid=	The required team id code
USAGE	&pid=xxxxxxx
Example	https://xml2.txodds.com/feed/average/xml.php?ident=id&passwd=pwd&pid=1592 This will return all average odds for Birmingham City English Soccer team

Average type

The how option returns one of two averages.

The default (how=0) returns the current average as calculated based on all bookmakers (or selected bookmakers)

The default (how=1) returns the initial average and can be used to compare with the current average to see how prices have changed over time.

how=	The required code
USAGE	&how=code
Example	https://xml2.txodds.com/feed/average/xml.php?ident=id&passwd=pwd&how=1 This will return the initial average calculation

CODE	DESCRIPTION
0	Provides the current average price (default)
1	Provides the initial average price

Show bookmakers odds

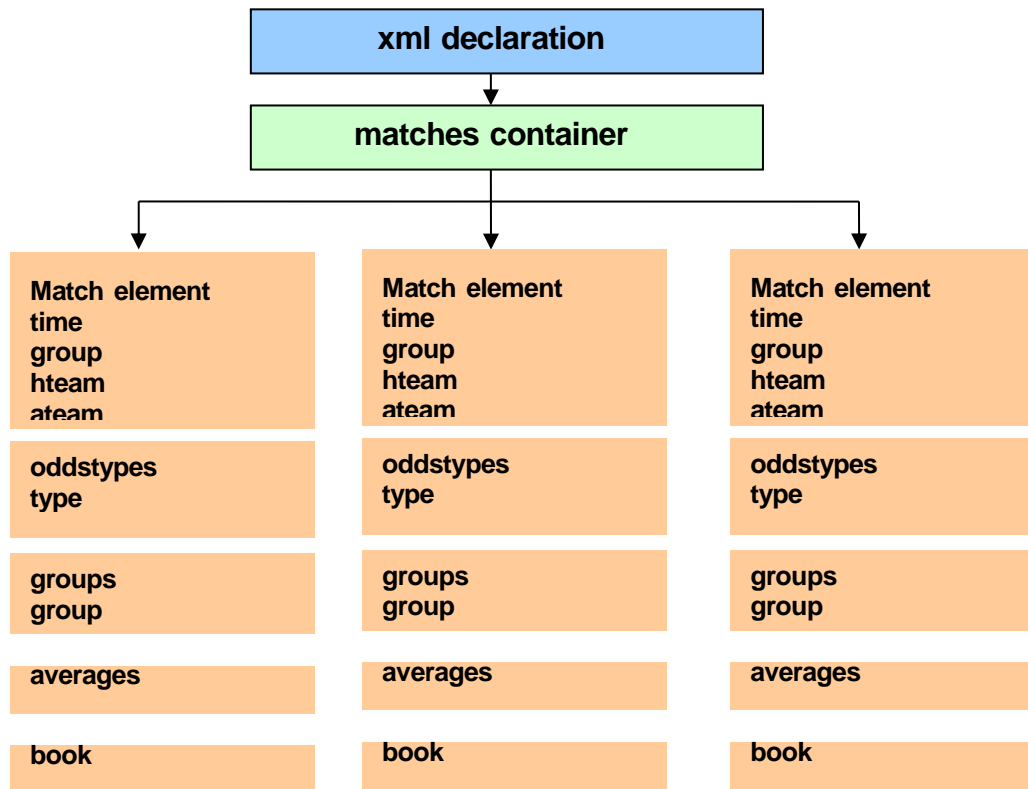
The showbookdata option can be used to stop the display of the bookmakers odds 'expectations' element. If you simply want the averages and don't want all the bookmakers odds then use this option for greater efficiency.

showbookdata =	The required code
USAGE	& showbookdata =code
Example	https://xml2.txodds.com/feed/average/xml.php?ident=id&passwd=pwd&showbookdata=0 This will suppress the bookmakers odds from being returned

CODE	DESCRIPTION
0	Suppresses the bookmakers odds from being returned
1	Provides the bookmakers odds as normal (default)

Basic XML document structure

The Average Feed XML document is fully customized to provide the easiest access to the wealth of information contained in the feed.



The XML document is made up of the following elements:-

- XML Declaration
- Matches Container
- Match Element
- Odds Types Element
- Groups Element
- Averages Element
- Expectations Element

Matches Container

All requests to the TXODDS XML feed will return an XML document with the “matches” container or “root element” of which there can be only one outer container -- the "root element".

```
<matches time="2007-05-06 07:07:23" >
</matches>
```

ATTRIBUTES		DESCRIPTION
time=		The current TXODDS server time when the request was processed
timestamp=		The UNIX timestamp of the last request, to be used for selecting updates.
ELEMENTS	match	The match element describes bookmaker, offer and odds information for each match that is returned from the users request
		Multiple sub-elements are allowed

Match element

```
<matches time="2008-03-30 05:33:56" timestamp="1206855236">
<match id="354502" xsid="473041">
<time>2008-03-30T12:30:00+00:00</time>
<group id="3406">FBENG Premier League-07</group>
<hteam id="1716">Chelsea</hteam>
<ateam id="2549">Middlesbrough</ateam>
<oddstypes>
<type .....>
<groups>
<group .....>
<averages ..... />
<expectations>

</expectations>
</group>
</groups>
</type>
</oddstypes>
</match>
```

ATTRIBUTES		DESCRIPTION
id=		The TXODDS match unique id reference
xsid=		The match unique id reference
ELEMENTS	time	The match start time in UTC format. For more details see https://en.wikipedia.org/wiki/Coordinated_Universal_Time
	group	The league or event ID and name for the match
	hteam	The Home Team or Player ID and name
	ateam	The Away Team or Player ID and name
	oddstypes	This element is described below
	groups	This element is described below
	averages	This element is described below
	expectations	This element is described below

oddstypes element

```
<oddstypes>
<type ot="0">
```

ATTRIBUTES		DESCRIPTION													
ELEMENTS	type	attribute	description												
		ot=	The odds type for this element												
			<table><tr><th>VALUE</th><th>NAME</th></tr><tr><td>0</td><td>3-WAY</td></tr><tr><td>1</td><td>2-WAY</td></tr><tr><td>3</td><td>POINTS</td></tr><tr><td>4</td><td>TOTALS</td></tr><tr><td>5</td><td>ASIAN</td></tr></table>	VALUE	NAME	0	3-WAY	1	2-WAY	3	POINTS	4	TOTALS	5	ASIAN
		VALUE	NAME												
		0	3-WAY												
1	2-WAY														
3	POINTS														
4	TOTALS														
5	ASIAN														

groups element

```
<groups>
<group id="0" val="0">
```

ATTRIBUTES		DESCRIPTION									
ELEMENTS	groups	This element designates any grouping of the odds required, such as for multiple lines for handicaps etc.									
		attribute	description								
		val=	The grouping for this element – this depends on the odds type above <table><tr><th>VALUE</th><th>NAME</th></tr><tr><td>0</td><td>3-WAY or 2-WAY Odds</td></tr><tr><td>-0.25</td><td>ASIAN HCAP example</td></tr><tr><td>2.5</td><td>OVER UNDER EXAMPLE</td></tr></table>	VALUE	NAME	0	3-WAY or 2-WAY Odds	-0.25	ASIAN HCAP example	2.5	OVER UNDER EXAMPLE
		VALUE	NAME								
		0	3-WAY or 2-WAY Odds								
-0.25	ASIAN HCAP example										
2.5	OVER UNDER EXAMPLE										
id=	For internal use only										

averages element

```
<averages n="142" o1="2.2268661971831" o2="3.2732394366197" o3="3.0814788732394" p1="0.41614884088579"
p2="0.28311640645589" p3="0.30073475265832" mo1="2.41" mo2="3.5" mo3="3.4" medo1="2.25" medo2="3.3"
medo3="3.1" sd1="0.083545149206648" sd2="0.097370710925624" sd3="0.13095100246511" />
```

ATTRIBUTES		DESCRIPTION																																	
ELEMENTS	averages	This element designates any grouping of the odds required, such as for multiple lines for handicaps etc.																																	
		attribute	description	n=	The number of bookmakers odds used for the calculations	o1=	Average home odds	o2=	Average draw odds	o3=	Average away odds	p1=	Average Home odds probability	p2=	Average Draw odds probability	p3=	Average Away odds probability	mo1=	Best Home odds available	mo2=	Best Draw odds available	mo3=	Best Away odds available	medo1=	Median Home odds (see below for explanation)	medo2=	Median Draw odds	medo3=	Median Away odds	sd1=	Standard deviation for Home odds	sd2=	Standard deviation for Draw odds	sd3=	Standard deviation for Away odds
		attribute	description																																
		n=	The number of bookmakers odds used for the calculations																																
		o1=	Average home odds																																
		o2=	Average draw odds																																
		o3=	Average away odds																																
		p1=	Average Home odds probability																																
		p2=	Average Draw odds probability																																
		p3=	Average Away odds probability																																
		mo1=	Best Home odds available																																
		mo2=	Best Draw odds available																																
		mo3=	Best Away odds available																																
		medo1=	Median Home odds (see below for explanation)																																
		medo2=	Median Draw odds																																
		medo3=	Median Away odds																																
		sd1=	Standard deviation for Home odds																																
sd2=	Standard deviation for Draw odds																																		
sd3=	Standard deviation for Away odds																																		



The Median value is calculated simply by taking the middle point of all odds or the average of the two values nearest the middle in case there are an even number of odds offered.

expectations element

```
<expectations>
<book name="sb1888.com" bid="328" o1="1.76" o2="2.19" o3="-0.5" p1="0.55443037974684" p2="0.44556962025316"
p3="0" e1="0.97310498883098" e2="0.97914776957964" e3="0" k1="-0.035388172590822" k2="-0.017522882706186"
k3="0" ltime="1273576472" luflags="1" />
</expectations>
```



If you don't want to see the expectations and just the averages you can use the "&showbookdata=0" option to suppress the feed from sending all of this data

ATTRIBUTES		DESCRIPTION																																							
ELEMENTS	book	This element designates any grouping of the odds required, such as for multiple lines for handicaps etc.																																							
		attribute	description	name=	The bookmakers name	bid=	The bookmakers id code	o1=	Bookmakers home odds	o2=	Bookmakers draw odds	o3=	Bookmakers away odds	p1=	Home odds probability	p2=	Draw odds probability	p3=	Away odds probability	e1=	Expectation (odds / probability) for Home	e2=	Expectation (odds / probability) for Draw	e3=	Expectation (odds / probability) for Away	k1=	Kelly value for home odds	k2=	Kelly value for draw odds	k3=	Kelly value for away odds	ltime=	Last time the odds were updated	luflags=	<div>Last Updated flag –<table><tr><th>value</th><th>description</th></tr><tr><td>0</td><td>The odds have been verified in the last extraction pass and can be considered correct</td></tr><tr><td>1</td><td>The odds haven't been verified so should be considered suspect (possibly incorrect)</td></tr></table></div>	value	description	0	The odds have been verified in the last extraction pass and can be considered correct	1	The odds haven't been verified so should be considered suspect (possibly incorrect)
		attribute	description																																						
		name=	The bookmakers name																																						
		bid=	The bookmakers id code																																						
		o1=	Bookmakers home odds																																						
		o2=	Bookmakers draw odds																																						
		o3=	Bookmakers away odds																																						
		p1=	Home odds probability																																						
		p2=	Draw odds probability																																						
		p3=	Away odds probability																																						
		e1=	Expectation (odds / probability) for Home																																						
		e2=	Expectation (odds / probability) for Draw																																						
		e3=	Expectation (odds / probability) for Away																																						
		k1=	Kelly value for home odds																																						
		k2=	Kelly value for draw odds																																						
		k3=	Kelly value for away odds																																						
		ltime=	Last time the odds were updated																																						
		luflags=	<div>Last Updated flag –<table><tr><th>value</th><th>description</th></tr><tr><td>0</td><td>The odds have been verified in the last extraction pass and can be considered correct</td></tr><tr><td>1</td><td>The odds haven't been verified so should be considered suspect (possibly incorrect)</td></tr></table></div>	value	description	0	The odds have been verified in the last extraction pass and can be considered correct	1	The odds haven't been verified so should be considered suspect (possibly incorrect)																																
		value	description																																						
		0	The odds have been verified in the last extraction pass and can be considered correct																																						
		1	The odds haven't been verified so should be considered suspect (possibly incorrect)																																						



For a detailed explanation of the Kelly Criterion formulae please see https://en.wikipedia.org/wiki/Kelly_criterion

Antepost feed

A separate web service provides outright lines for major Soccer leagues and events.

Base URL

The base XML documents can be found at the following URL

<https://xml2.txodds.com/feed/odds/ap.php>



In order to access the feed you will need a valid TXODDS username and password

Requesting specific information

This feed can be searched using the &pgid= (for leagues/events) and &bid= (for bookmakers) as per the Standard or Full Service feed.

Example <https://xml2.txodds.com/feed/odds/ap.php?ident=id&passwd=pwd&pgid=5539>

League/Event - Minor ID Groups

pgid is for selecting groups such as Champions League -07 by giving the group number as a parameter.

pgid=	The required league/event code
USAGE	&pgid=code1,code2,code3
Example	https://xml2.txodds.com/feed/odds/ap.php?ident=id&passwd=pwd&pgid=5539

Bookmakers

If you made the above requests you would have received all bookmakers quoted prices. For popular events there can be well over a hundred bookmaker odds on the TXODDS XML Feed.

bid=	The required bookmaker code
USAGE	&bid=code1,code2,code3
Example	https://xml2.txodds.com/feed/odds/ap.php?ident=id&passwd=pwd&bid=7

Example 1 – Only selected bookmakers

In a previous example we selected the Champions League i.e. with “pgid=3368” then when the following code is applied to allow you to request odds from only these 4 bookmakers.

CODE	NAME	WEBSITE
17	LADBROKES	www.ladbrokes.com
34	STAN JAMES	www.stanjames.com
42	WILLIAM HILL	www.williamhill.com

Example <https://xml2.txodds.com/feed/odds/ap.php.php?ident=id&passwd=pwd&pgid=3368&bid=17,34,42>

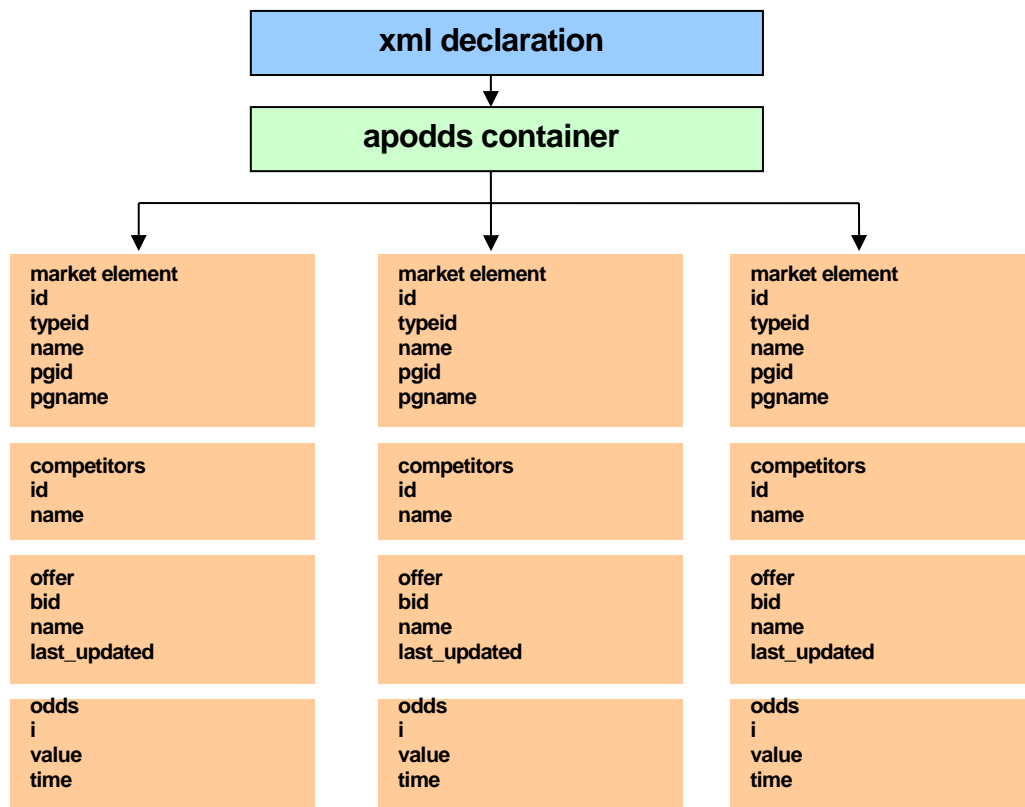


A full list of current codes can be found in the **Appendix 1 – Bookmaker codes**.

Any number of codes can be used at the same time as long as you make sure you delimit them by a single comma (,)

Basic XML document structure

The Average Feed XML document is fully customized to provide the easiest access to the wealth of information contained in the feed.



The XML document is made up of the following elements:-

- XML Declaration
- apodds Container
- market Element
- competitors Element
- offer Element

- odds Element

apodds Container

All requests to the TXODDS XML feed will return an XML document with the “matches” container or “root element” of which there can be only one outer container -- the "root element".

```
<apodds time="2008-03-30T05:35:17+00:00" timestamp="1206855317">
```

ATTRIBUTES		DESCRIPTION
time=		The current TXODDS server time when the request was processed
timestamp=		The UNIX timestamp of the last request, to be used for selecting updates.
ELEMENTS	market	The market element describes bookmaker, offer and odds information for each market that is returned from the users request Multiple sub-elements are allowed

market element

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<apodds time="2010-03-23T08:55:10+00:00" timestamp="1269334510">
<market id="37" typeid="1" name="Win Outright" pgid="3586" pgname="FBINT World Cup South Africa 2010-10">
```

ATTRIBUTES		DESCRIPTION	
ELEMENTS	marketid=	The league or event ID and name for the match Appendix 9 – Antepost Markets Available	
	typeid=	The market type. Currently this is always “1” which is for the outright market.	
	name=	The market or event name	
	pgid=	The league or event code. This maps to Appendix 3 – Minor ID group codes	
	pgname=	The league or event name – also maps to the Appendix 3 – Minor ID group codes	
	competitors	This element is described below	
		element	description
		offer	This element is described below. Multiple sub elements are allowed
		attribute	description
		odds	The odds type for this element

competitors element

```
- <competitors>
- <competitor id="3218" name="Uruguay">
```

ATTRIBUTES		DESCRIPTION	
ELEMENTS	competitors	attribute	description
		id=	The team or player id code
		name=	The team or player name

offer element

```
<offer id="79341" bid="34" name="Stan James" last_update="2010-03-24T01:51:00+00:00">
```

ATTRIBUTES		DESCRIPTION	
ELEMENTS	offer	This offer element describes the bookmakers information	
		attribute	description
		offer id=	Unique identifier of offer
		bid=	The bookmaker code
		name=	The bookmaker name
		last_update=	The last time this offer was verified

odds element

```
<odds i="0" value="67.00" time="2009-12-05T01:23:00+00:00" />
<odds i="1" value="101.00" time="2009-11-27T09:34:00+00:00" />
```

ATTRIBUTES		DESCRIPTION								
ELEMENTS	odds	Each time the odds change a new odds element is added so the price movement over time can be seen.								
		<table><tr><th>attribute</th><th>description</th></tr><tr><td>i=</td><td>The number of the odds (see above) Note: 0 is always the latest quote</td></tr><tr><td>value=</td><td>Odds price</td></tr><tr><td>time=</td><td>The time this price was added</td></tr></table>	attribute	description	i=	The number of the odds (see above) Note: 0 is always the latest quote	value=	Odds price	time=	The time this price was added
		attribute	description							
		i=	The number of the odds (see above) Note: 0 is always the latest quote							
		value=	Odds price							
time=	The time this price was added									

Odds order

The Antepost feed allows you also to specify which order of quoted odds you require for a particular purpose. Please refer to the table below for a detailed explanation

CODE	NAME	FULL DESCRIPTION
0	first/last	This is the default value i.e. if you do not specify you will receive both the first odds (oldest) and last odds (youngest or most recent) quoted by the bookmaker(s)
1	all	You will receive all odds quoted from the first odds (oldest) to the last odds (most recent) quoted by the bookmaker(s)
2	last	You will receive the last odds (youngest or most recent) quoted by the bookmaker(s)
3	first	You will receive the first odds (oldest) quoted by the bookmaker(s)

all_odds=	The required odd order code
USAGE	&all_odds=code1,code2,code3
Example	https://xml2.txodds.com/feed/odds/apmarkets.php?ident=id&passwd=pwd&all_odds=2

Tracking OTB (Off-the-board) Offers

For clients who want to know each offers current validity in real time we have created a new web service specifically for this purpose.

There are two options within this web service as follows:-

- type=change (default)
- type=update

Offer state changes (type=change)

This web service provides details of offers 'state changes' i.e. an offer that currently cannot be verified is marked as 'inactive', and if subsequently it is re-verified it is then marked as 'active' again.

The reasons for offers becoming invalid are down to 2 main reasons:

- the offer has been removed/taken down by the bookmaker (hence OTB)
- we cannot establish a connection with the bookmakers and hence cannot read the odds

Note: If all odds for a bookie are OTB, then most likely it's a connection/network problem.

In the XML odds element we already have the "flags=" and "last_updated" attributes which show if the offer is active or inactive for a particular offer and the time it was last verified. However, unless all offers are refreshed then this information is soon out of date, and refreshing all the offers each time is very inefficient.

As offers are verified frequently if we updated the offers element with this new data then you'd be getting all the data refreshed all the time, so we have built the OTB feed to provide this functionality in a much more efficient manner.

Active->Inactive->Active state changes

With this feed we you can monitor any offers that go from active->inactive and then inactive->active

https://xml2.txodds.com/feed/boid_states.php?ident=xxx&passwd=yyyy

The first request always returns just the header, and the timestamp.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<boids time="2009-02-23T10:10:25+00:00" timestamp="1235383825">
```



This is the intended response, so you can save the timestamp and have a baseline from which to start monitoring the state changes/transitions

Use the timestamp on your next request, in the same way as you would for odds updates

https://xml2.txodds.com/feed/boid_states.php?ident=xxx&passwd=yyyy&last=1235383825

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<boids time="2009-02-23T10:10:25+00:00" timestamp="1235383825">
  <boid id="32886235" last_updated="2009-02-23T10:10:20+00:00" last_changed="2009-02-23T10:10:20+00:00" flags="1" />
  <boid id="32886234" last_updated="2009-02-23T10:10:20+00:00" last_changed="2009-02-23T10:10:20+00:00" flags="1" />
  <boid id="32886233" last_updated="2009-02-23T10:10:20+00:00" last_changed="2009-02-23T10:10:20+00:00" flags="1" />
```



This feed will give all transitions, for all odds types for all bookmakers and all sports (even those you don't subscribe to) so there may be offer ids that you don't need or have stored, so just ignore them

It can therefore be a very big XML file, so that's why the first request always returns only a timestamp.

You should check that the offer id exists in your database or application, and then update it accordingly with the new "last_updated" and "flags" values.

Your database or application will now be fully up to date with which offers are verified as currently valid, so you can be assured that your applications and/or traders can use them with confidence.

Base URL

The base XML documents can be found at the following URL

https://xml2.txodds.com/feed/boid_states.php?ident=&passwd=



In order to access the feed you will need a valid TXODDS username and password

Requesting specific information

Use of this feed should be optimised with the following available request parameters:

By last update

Example https://xml2.txodds.com/feed/boid_states.php?ident=&passwd=&last=1266309349

By last update and bookmakers

If you want to monitor just some bookmakers, you can also use the &bid=b1,b2,b3 to restrict the returned data to those bookmakers only.



This is the most efficient way of calling this feed. If you have limited bookmakers on your subscription these will automatically be sent on the request, so please only use the &bid= option if you want to restrict to certain bookmakers

Example https://xml2.txodds.com/feed/boid_states.php?ident=&passwd=&last=1266309349&bid=126,17



Certain bookmakers do not provide boid_updates due to the way they are collected, and their offers should always be "active". Please see Bookmakers not providing state data below.

ROOT

DESCRIPTION

boids	The root element for this XML document													
	time=	The current TXODDS server time when the request was processed												
	timestamp=	The Unix timestamp when the request was processed												
ELEMENTS	boid													
		<table><thead><tr><th>attribute</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>id=</td><td>Offer id code. This maps directly to the offer id in the Offer element</td></tr><tr><td>last_updated=</td><td>The time the odds were updated</td></tr><tr><td>last_changed=</td><td>The time the status changed</td></tr><tr><td>flags=</td><td>0 = Invalid or Suspect 1 = Validated on the last extraction run.</td></tr></tbody></table>	attribute		DESCRIPTION	id=	Offer id code. This maps directly to the offer id in the Offer element	last_updated=	The time the odds were updated	last_changed=	The time the status changed	flags=	0 = Invalid or Suspect 1 = Validated on the last extraction run.	
		attribute	DESCRIPTION											
		id=	Offer id code. This maps directly to the offer id in the Offer element											
		last_updated=	The time the odds were updated											
		last_changed=	The time the status changed											
flags=	0 = Invalid or Suspect 1 = Validated on the last extraction run.													

Details element

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
- <boids time="2010-02-16T08:36:16+00:00" timestamp="1266309376">
  <boid id="43841722" last_updated="2010-02-16T08:15:18+00:00" last_changed="2010-02-16T08:36:09+00:00" flags="0" />
  <boid id="43862854" last_updated="2010-02-16T08:36:02+00:00" last_changed="2010-02-16T08:36:02+00:00" flags="1" />
  <boid id="43862853" last_updated="2010-02-16T08:36:02+00:00" last_changed="2010-02-16T08:36:02+00:00" flags="1" />
  <boid id="43862852" last_updated="2010-02-16T08:35:58+00:00" last_changed="2010-02-16T08:35:58+00:00" flags="1" />
</boids>
```

Offer last updated time (type=update)

This web service provides details of the time when each offer was last verified as correct.

As an example usage on the TXODDS website we have colours showing when offers where “last updated” or “verified as correct”. If the odds have not been updated nor verified in the past 10 minutes then a yellow marker is shown, however if the odds are older than an hour a black marker is shown.

For example: here all the ‘colours’ are green showing that the data is correct and valid.

h/a	Victorytip	2.000	3.050	3.700	45.53	29.86	24.61	0.93	0.93	0.86	91	
h/a	BoDog	2.000	3.100	3.750	45.90	29.62	24.48	0.93	0.94	0.87	92	
h/a	Hrvatska Lutrija	2.000	3.050	3.550	45.06	29.55	25.39	0.93	0.93	0.82	90	
h/a b	Betsafe	2.000	3.100	3.850	46.20	29.80	24.00	0.93	0.94	0.89	92	
h/a	Setantabet	2.000	2.950	4.200	46.42	31.47	22.11	0.93	0.90	0.97	93	
h/a	Wettpunkt	2.000	3.000	4.000	46.15	30.77	23.08	0.93	0.91	0.93	92	
h/a	TonyBet	2.000	2.950	4.100	46.17	31.30	22.52	0.93	0.90	0.95	92	
h/a	VCBet	2.000	3.100	4.200	47.14	30.41	22.45	0.93	0.94	0.97	94	
h/a	ApolloBET	2.000	2.900	4.100	45.93	31.67	22.40	0.93	0.88	0.95	92	
h/a	Chance	2.000	3.100	3.900	46.34	29.90	23.76	0.93	0.94	0.90	93	
h/a	skybet	2.000	3.000	3.800	45.60	30.40	24.00	0.93	0.91	0.88	91	
h/a b	Doxxbet	2.000	3.050	3.690	45.50	29.84	24.66	0.93	0.93	0.86	91	
h/a	betcity	2.000	3.100	4.100	46.88	30.25	22.87	0.93	0.94	0.95	94	
h/a	BetuniQ	2.000	3.050	4.100	46.65	30.59	22.76	0.93	0.93	0.95	93	

Base URL

The base XML documents can be found at the following URL

https://xml2.txodds.com/feed/boid_states.php?ident=xxx&passwd=yyyy&type=update



In order to access the feed you will need a valid TXODDS username and password

The first request always returns just the header, and the timestamp.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
-<boids time="2009-02-23T10:10:25+00:00" timestamp="1235383825">
```



This is the intended response, so you can save the timestamp and have a baseline from which to start monitoring the updates

Requesting specific information

Use the timestamp on your next request, in the same way as you would for odds updates

https://xml2.txodds.com/feed/boid_states.php?ident=xxx&passwd=yyyy&type=update&last=1235383825

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
-<boids time="2011-03-31T05:09:04+00:00" timestamp="1301548144">

  <boid id="65298755" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T05:09:01+00:00" flags="1" />
  <boid id="65298754" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T05:09:01+00:00" flags="1" />
  <boid id="65298753" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T05:09:01+00:00" flags="1" />
  <boid id="65298752" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T05:09:01+00:00" flags="1" />
  <boid id="65298417" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:54:07+00:00" flags="1" />
  <boid id="65298416" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:54:07+00:00" flags="1" />
  <boid id="65298415" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:54:07+00:00" flags="1" />
  <boid id="65298414" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:54:07+00:00" flags="1" />
  <boid id="65298290" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:49:09+00:00" flags="1" />
  <boid id="65298289" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:49:09+00:00" flags="1" />
  <boid id="65298269" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:44:00+00:00" flags="1" />
  <boid id="65298268" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:44:00+00:00" flags="1" />
  <boid id="65298238" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:40:39+00:00" flags="1" />
  <boid id="65298237" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:40:39+00:00" flags="1" />
  <boid id="65298236" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:40:39+00:00" flags="1" />
  <boid id="65298192" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:39:08+00:00" flags="1" />
  <boid id="65298191" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:39:08+00:00" flags="1" />
  <boid id="65298190" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:39:08+00:00" flags="1" />
  <boid id="65298102" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:37:20+00:00" flags="1" />
  <boid id="65298101" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:37:20+00:00" flags="1" />
  <boid id="65298100" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:37:20+00:00" flags="1" />
  <boid id="65298099" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:37:20+00:00" flags="1" />
  <boid id="65298098" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:37:20+00:00" flags="1" />
  <boid id="65298097" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:37:20+00:00" flags="1" />
  <boid id="65298096" last_updated="2011-03-31T05:09:01+00:00" last_changed="2011-03-31T04:37:20+00:00" flags="1" />
```



This feed will give all last_updated, last changed and flag statuses, for all odds types for all bookmakers and all sports (even those you don't subscribe to) so there maybe offer ids that you don't need or have stored, so just ignore them

Please note that as offers are verified every few seconds, to every few minutes depending on the bookmaker, so then there will naturally be a lot of data sent via this web service.

It is recommended you request this web service every 20-30 seconds or at least once per minute

You can then use the "last_updated" time to update your database/application using the bet offer Id (boid) and the "last_updated", "last_changed" and "flags" values as appropriate.

Your database or application will now be fully up to date with the last time offers have been verified, or changed as currently valid, so you can be assured that your applications and/or traders can use them with confidence.

Bookmakers not providing state data

For sites and feeds that we poll for data, the timestamps are updated each time we read and update/verify an offer price. Some feeds however are incremental so we receive delta changes only in between full updates.

Bookmakers with this behaviour can be determined by their **flags** value on the bookmakers feed here:

<https://xml2.txodds.com/feed/books.php>

```
<bookmakers>
<bookmaker id="2" name="Centrebet" flags="275"/>
<bookmaker id="4" name="Admiral" flags="19"/>
<bookmaker id="5" name="Expekt" flags="19"/>
<bookmaker id="6" name="Unibet" flags="31"/>
<bookmaker id="9" name="Betshop" flags="19"/>
<bookmaker id="13" name="Sportingbet" flags="31"/>
<bookmaker id="15" name="Intertops" flags="19"/>
```

Incremental books have the bit set in position 7 of the flags value. In the case of Pinnacle, the following Python snippet tells us that it is incremental:

```
>>> 415 & (1<<7)
128
```

Conversely, for Bet365 we can see that it is not set in the flags value:

```
>>> 31 & (1<<7)
0
```


Market Moves Feed

This web service allows you to see which odds are moving and identifies trends you may want to bring to the attention of your traders and/or show to your customers as an added value service.

Base URL

The base XML documents can be found at the following URL

<http://xml2.txodds.com/feed/moves/moves.php?ident=&passwd=>



In order to access the feed you will need a valid TXODDS username and password.

By Sport

The Moves feed allows requests to be made by sport, so if you wish only to see soccer moves or basketball moves then use this option.

The Moves feed supports all current sports id codes as seen here Appendix 7 – Sports Id Codes

spid=	The required sportid code
USAGE	&spid=1
Example	https://xml2.txodds.com/feed/moves/moves.php?ident=id&passwd=pwd&spid=1

Matches element

ATTRIBUTES	DESCRIPTION
id=	The TXODDS matchid code
time=	The starting time of the match
home=	The Home Team name
	<div>id=</div> <div>The home team id code</div>
away=	The Away Team name
	<div>id=</div> <div>The away team id code</div>

ELEMENTS	moves		
		element	DESCRIPTION
		m1n=	Home total number of changes
		m1_up=	Home changes up
		m1_dn=	Home changes down
		m1_ioavg=	Home initial odds average
		m1_coavg=	Home current odds average
		mxn=	Draw total number of changes
		mxn_up=	Draw changes up
		mxn_dn=	Draw changes down
		mxn_ioavg=	Draw initial odds average
		mxm_cuavg=	Home current odds average
		m2n=	Away total number of changes
		m2_up=	Away changes up
		m2_dn=	Away changes down
		m2_ioavg=	Away initial odds average
		m2_coavg=	Away current odds average
		oci=	Index value. This is a weighted index of the overall moves in any one direction

XML Example

```
- <matches last="8894">
- <match id="625796">
  <time>2010-02-21T17:00:00+00:00</time>
  <home id="2738">PAOK</home>
```

```
<away id="2733">Panatinaikos</away>
- <moves ot="0">
  <m1_n>93</m1_n>
  <m1_up>77</m1_up>
  <m1_dn>16</m1_dn>
  <m1_ioavg>2.832</m1_ioavg>
  <m1_coavg>2.911</m1_coavg>
  <mx_n>49</mx_n>
  <mx_up>8</mx_up>
  <mx_dn>41</mx_dn>
  <mx_ioavg>2.902</mx_ioavg>
  <mx_cuavg>2.875</mx_cuavg>
  <m2_n>82</m2_n>
  <m2_up>27</m2_up>
  <m2_dn>55</m2_dn>
  <m2_ioavg>2.487</m2_ioavg>
  <m2_coavg>2.455</m2_coavg>
  <oci>4.55</oci>
</moves>
</match>
```

Historical data

Historical odds can be requested by using the Minor ID code to select the specific year for the event or league you are interested in. Please see **Appendix 3 – Minor ID group codes** for a few examples.

The XML document returned is in the same format as for live odds.

date=	The required start and end data for your search
USAGE	&date=startdate,enddate
Base URL	https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd
Example	https://xml2.txodds.com/feed/odds/xml.php?ident=id&passwd=pwd ?pgid=1133&date=2000-8-19,2000-8-22

In this example we will search for English Premier League 2000/1 Season matches between the 19th August and the 22nd August 2000

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
- <matches time="2007-05-24 06:35:47" timestamp="1179988547">
- <match id="6534" xsid="0">
  <time>2000-08-19T00:00:00+00:00</time>
  <group>FBENG Premier League-00</group>
  <hteam>Charlton</hteam>
  <ateam>Manchester C</ateam>
  <results />
- <bookmaker bid="26" name="Interwetten">
- <offer id="39896" ot="0" last_updated="1970-01-01T00:00:00+00:00" flags="0">
- <odds i="0" time="2000-07-15T09:37:08+00:00">
  <o1>2.2</o1>
  <o2>2.9</o2>
  <o3>2.7</o3>
</odds>
</offer>
</bookmaker>
- <bookmaker bid="9" name="Betshop">
- <offer id="39896" ot="0" last_updated="1970-01-01T00:00:00+00:00" flags="0">
- <odds i="0" time="2000-08-17T10:09:38+00:00">
  <o1>1.9</o1>
  <o2>3.2</o2>
  <o3>3.2</o3>
</odds>
- <odds i="1" time="2000-07-15T09:39:51+00:00">
  <o1>2.15</o1>
  <o2>3</o2>
  <o3>2.9</o3>
</odds>
</offer>
</bookmaker>
```



Download filter limits apply to historical data also, so as not affect any live data requests please restrict the amount of data you are requesting.

For example, using &all_odds=1 to get all price movements may be a very large file, especially if you are requesting exchange odds.

The maximum time period allowed is 14 days, however for some requests then one days data may be more than enough to hit limits.

Appendix 1 – Bookmaker codes

Base URL

The base XML documents can be found at the following URL

<https://xml2.txodds.com/feed/books.php>

Example <https://xml2.txodds.com/feed/books.php>

Active Bookmakers

To request all active bookmakers:-

Example <https://xml2.txodds.com/feed/books.php?active=1>

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
- <bookmakers>
  <bookmaker id="2" name="Centrebet" flags="19" />
  <bookmaker id="3" name="SSP" flags="19" />
  <bookmaker id="4" name="Admiral" flags="19" />
  <bookmaker id="5" name="Expekt" flags="31" />
  <bookmaker id="6" name="Unibet" flags="31" />
  <bookmaker id="7" name="Worldbet" flags="275" />
  <bookmaker id="9" name="Betshop" flags="19" />
  <bookmaker id="11" name="Canbet" flags="19" />
  ... {etc }

  <bookmaker id="431" name="LEON" flags="19" />
  <bookmaker id="432" name="Stryke" flags="19" />
  <bookmaker id="433" name="BetSense.com" flags="19" />
  <bookmaker id="434" name="12bet.com" flags="275" />
  <bookmaker id="446" name="BetPhoenix" flags="19" />
</bookmakers>
```

Odds quote search

TXODDS allow you to search for the bookmakers offering particular odds types also

ot=	The odds type to search for
USAGE	?ot=type1,type2
Example	https://xml2.txodds.com/feed/books.php?ot=3,4

To request all bookmakers that offer Asian handicap odds

Example <https://xml2.txodds.com/feed/books.php?ot=5>



A full list of current odds types can be found at **Odds type**.

Any number of codes can be used at the same time as long as you make sure you delimit them by a single comma (,).

XML Format

Bookmakers Container

ROOT		DESCRIPTION	
bookmakers	The root element for this XML document		
ELEMENTS	bookmaker		
		ATTRIBUTE	DESCRIPTION
		id=	TXODDS Bookmaker id code
		name=	Bookmaker name e.g. "Bet365"

Appendix 2 – Master ID group codes

Base URL

The base XML documents can be found at the following URL

<https://xml2.txodds.com/feed/mgroups.php>

Example <https://xml2.txodds.com/feed/mgroups.php>

Active Groups

To request all active master groups:-

Example <https://xml2.txodds.com/feed/mgroups.php?&active=1>

XML Format

mgroups Container

ROOT		DESCRIPTION	
Mgroups	The root element for this XML document		
ELEMENTS	mgroup	ATTRIBUTE	DESCRIPTION
		id=	TXODDS mgroup id code
		name=	Mgroup name e.g. "FBENG" e.g. English Football
		sportid=	Mapping to the corresponding sport. One of
		1	Soccer
		2	Ice hockey
		3	Basketball
		4	Rugby
		5	Tennis
		6	US football
		7	Baseball
		8	Handball
		9	Pesapallo
		10	Floorball
11	Bandy		
12	Golf		
13	Volleyball		
14	Cricket		
15	Table tennis		
16	Snooker		
17	Futsal		
18	Mixed Martial Arts		
19	Boxing		
20	Darts		
21	Bowls		
22	Motor Sports		
23	Gaelic football		

			24	Water Polo	
			25	Cycling	
			26	Aussie Rules	
			27	Hockey	
			28	Rugby Union	
			29	Rugby League	
			30	Alpine Skiing	
			31	Biathlon	
			32	Curling	
			33	Nordic Combined	
			34	Ski Jumping	
			35	Cross Country Skiing	
			36	Bobsleigh	
			37	Freestyle Skiing	
			38	Luge	
			39	Short Track Speed Skating	
			40	Skeleton	
			41	Snowboard	
			42	Speed Skating	
			43	Figure Skating	
			44	Miscellaneous	

Example

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<mgroups>
- <mgroup>
<id>1121</id>
<name>FBSGP</name>
<sportid>1</sportid>
</mgroup>
- <mgroup>
<id>1021</id>
<name>FBFIN</name>
<sportid>1</sportid>
</mgroup>
- <mgroup>
```

Select groups by sport

Selections can be made by spid (sport identifier), so to select only soccer groups

Example <https://xml2.txodds.com/feed/mgroups.php?spid=1&active=1>



Not all sports are actively used.

Any number of codes can be used at the same time as long as you make sure you delimit them by a single comma (,)

Select groups by id

For example if you get mgids in the odds feed and want to resolve the information for one or two ids you can do this here in one single request

Example <https://xml2.txodds.com/feed/mgroups.php?mgid=1060,1193>

Example XML document

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<mgroups>
  <mgroup>
    <id>1060</id>
    <name>ICAUT</name>
    <sportid>2</sportid>
    <countryid>383</countryid>
  </mgroup>
  <mgroup>
    <id>1193</id>
    <name>VBINT</name>
    <sportid>13</sportid>
    <countryid>466</countryid>
  </mgroup>
</mgroups>
```

Appendix 3 – Minor ID group codes

To request all league or event names

Base URL

The base XML documents can be found at the following URL

<https://xml2.txodds.com/feed/groups.php>

Example `https://xml2.txodds.com/feed/groups.php?ident=id&passwd=pwd`

XML Format

Groups Container

ROOT		DESCRIPTION					
groups	The root element for this XML document						
ELEMENTS	group	ELEMENT	DESCRIPTION				
		id=	TXODDS group id code				
		mgroup	<table><tr><th>ATTRIBUTE</th><th>DESCRIPTION</th></tr><tr><td>id=</td><td>Mgid mapping e.g. 1001 for FBAUT</td></tr></table> mgstr mapping i.e. FBAUT	ATTRIBUTE	DESCRIPTION	id=	Mgid mapping e.g. 1001 for FBAUT
		ATTRIBUTE	DESCRIPTION				
		id=	Mgid mapping e.g. 1001 for FBAUT				
		name	League or event text name				
		sid	Season ID or year of the event / league				
		fullname	Full description including the league / event name and the season / year information e.g. FBAUT 1. Div-97				
		date1	Start date for this event / league				
		date2	End date for this event / league				

Example

```

<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
- <groups>
- <group>
  <id>1001</id>
  <mgroup id="1005">FBAUT</mgroup>
  <name>1. Div</name>
  <sid>97</sid>
  <fullName>FBAUT 1. Div-97</fullName>
  <date1>1997-07-09</date1>
  <date2>1998-06-01</date2>
</group>
- <group>
  <id>1002</id>
  <mgroup id="1005">FBAUT</mgroup>
  <name>1. Div</name>
  <sid>98</sid>
  <fullName>FBAUT 1. Div-98</fullName>
  <date1>1998-07-29</date1>
  <date2>1999-06-01</date2>
</group>
- <group>
  <id>1003</id>
  <mgroup id="1005">FBAUT</mgroup>
  <name>1. Div</name>
  <sid>99</sid>
  <fullName>FBAUT 1. Div-99</fullName>
  <date1>1999-06-29</date1>
  <date2>2000-06-30</date2>
</group>
- <group>

```

Select by year / season

As the XML supports historical odds data each league or event is listed with the current year and updated year on year.

To find the leagues or events starting in 2008 and 2009:-

Example <https://xml2.txodds.com/feed/groups.php?sid=08,09>

Select by master group

To find the International soccer (mgid=1027) leagues or events starting in 2008 and 2009:-

Example <https://xml2.txodds.com/feed/groups.php?sid=08,09&mgid=1027>

Appendix 4 - Deleted bet offers web service

When an extraction or verification of odds fails the unique odds id is available on this web service.

For example if a bookmaker takes down their website for maintenance their odds are no longer valid they may need to be removed from any monitoring application or database.

Base URL

The base XML documents can be found at the following URL

https://xml2.txodds.com/feed/deleted_boids.php

Example https://xml2.txodds.com/feed/deleted_boids.php

XML Format

boids Container

ROOT		DESCRIPTION	
boids		The root element for this XML document	
	time=	The current TXODDS server time when the request was processed	
	timestamp=	The Unix timestamp when the request was processed	
ELEMENTS	boi		
		attribute	DESCRIPTION
		id=	Odds id code. This maps directly to the odds id specified in the Odds element section.
		time=	Time when the odds id was added

Example https://xml2.txodds.com/feed/deleted_boids.php?ident=id&passwd=pwd

Example XML document

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<boids time="2008-02-13T07:19:31+00:00" timestamp="1202887171">
  <boid id="23674994" time="2008-02-13T00:27:18+00:00" />
  <boid id="23674995" time="2008-02-13T00:27:18+00:00" />
  <boid id="23674996" time="2008-02-13T00:27:18+00:00" />
  <boid id="23674997" time="2008-02-13T00:27:18+00:00" />
  <boid id="23674998" time="2008-02-13T00:27:18+00:00" />
  <boid id="23674999" time="2008-02-13T00:27:18+00:00" />
  <boid id="23675000" time="2008-02-13T00:27:18+00:00" />
  <boid id="23675001" time="2008-02-13T00:27:18+00:00" />
  <boid id="23675002" time="2008-02-13T00:27:18+00:00" />
</boids>
```

Select by timestamp

By recording the timestamp from requests to this web service you can simply then request updates from that time instead of receiving the whole document each time

Example https://xml2.txodds.com/feed/deleted_boids.php?ident=id&passwd=pwd&last=120288717

Select by date

You can see all offers deleted on a specific date you can call the feed with the date

Example https://xml2.txodds.com/feed/deleted_boids.php?ident=id&passwd=pwd&date=2011-12-10

Select by individual boid

If you want to check when a specific boid was deleted then use the &boid=value

Example https://xml2.txodds.com/feed/deleted_boids.php?ident=id&passwd=pwd&boid=86254492



You can use multiple peids if you like i.e. &boid=xxx,yyy,zzz

Appendix 5 - Deleted matches web service

When a match is longer 'valid' its id is available on this web service.

For example when a match has finished then it may need to be removed from any monitoring application or database.

Base URL

The base XML documents can be found at the following URL

https://xml2.txodds.com/feed/deleted_peids.php

Example https://xml2.txodds.com/feed/deleted_peids.php

XML Format

peids Container

ROOT		DESCRIPTION	
Peids	The root element for this XML document		
	time=	The current TXODDS server time when the request was processed	
	timestamp=	The Unix timestamp when the request was processed	
ELEMENTS	peid		
		attribute	DESCRIPTION
		id=	Match id code. This maps directly to the match id specified in the Match element section
		time=	Time when the odds id was added

Example https://xml2.txodds.com/feed/deleted_peids.php?ident=id&passwd=pwd

Example XML document

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<peids time="2008-02-13T07:21:55+00:00" timestamp="1202887315">
  <peid id="345806" time="2008-02-13T00:27:18+00:00" />
  <peid id="345810" time="2008-02-13T00:57:48+00:00" />
  <peid id="345813" time="2008-02-13T01:27:59+00:00" />
  <peid id="345816" time="2008-02-13T05:57:07+00:00" />
  <peid id="345817" time="2008-02-13T06:27:43+00:00" />
  <peid id="345819" time="2008-02-13T06:57:48+00:00" />
</peids>
```

Select by timestamp

By recording the timestamp from requests to this web service you can simply then request updates from that time instead of receiving the whole document each time

Example https://xml2.txodds.com/feed/deleted_peids.php?ident=id&passwd=pwd&last=120288717

Select by match id (peid)

You can verify if a match has been deleted you can call the feed with the matchid

Example https://xml2.txodds.com/feed/deleted_peids.php?ident=id&passwd=pwd&peid=1381181

If the match has been deleted it will be shown like this

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<peids time="2011-08-30T05:41:34+00:00" timestamp="1314682894">
  <peid id="1381181" time="2011-08-20T00:13:21+00:00" />
</peids>
```



You can use multiple peids if you like i.e. &peid=xxx,yyy,zzz

Select by date

You can check which matches were deleted on a specific date like:-

Example https://xml2.txodds.com/feed/deleted_peids.php?ident=id&passwd=pwd&date=2011-12-10

Appendix 6 - Competitors web service

This web service provides a comprehensive list of team and players names used by the feed.

Base URL

The base XML documents can be found at the following URL

<https://xml2.txodds.com/feed/competitors.php>

Example <https://xml2.txodds.com/feed/competitors.php?ident=&passwd=&pid=39264>

XML Format

competitors Container

ROOT		DESCRIPTION	
competitors	The root element for this XML document		
ELEMENTS	competitor		
		Element	DESCRIPTION
		id	The Team or Player id code
		name	The Team or Player name
		group	The Master group for this team / player. This is mapped directly to the codes found in Appendix 2 – Master ID group codes
		countryid	The country code for this competitor
		sportid	The sportid for this competitor

Participant ID

You may now select by a particular competitor or team using the participant id.

pid=	The required participant code
USAGE	&pid=
USAGE	&pid=xxx,yyy,zzzz (most requests will accept comma delimited requests for multiple ids)

For example to request details for 39264

Example1 <https://xml2.txodds.com/feed/competitors.php?ident=&passwd=&pid=39264>

Example XML document

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
- <competitors>
- <competitor>
  <id>39264</id>
  <name>Al Ittifaq Maqaba</name>
  <group>fbbrn</group>
  <countryid>473</countryid>
  <sportid>1</sportid>
</competitor>
</competitors>
```

For American Sports groups are usually the league initials therefore bbmlb is Baseball – Major League Baseball and returns all teams within this group.

Example2 <https://xml2.txodds.com/feed/competitors.php?ident=&passwd=&pgrp=bbmlb>

Country ID

You may also select by a particular country id.

cid=	The required country code
USAGE	&cid=

For example to request details for teams (from all sports) in Poland.

Example1 <https://xml2.txodds.com/feed/competitors.php?ident=&passwd=&cid=386>

For America sports groups are usually the league initials rather than a separate country id therefore nhl - National Hockey League is 362.

Example2 <https://xml2.txodds.com/feed/competitors.php?ident=&passwd=&cid=362>

See appendix 8 for details how to request a full list of country codes available.

Sports ID

Select all competitors within a particular sport using sport id (see Appendix 7).

spid=	The required sports code
USAGE	&spid=

Select by group string

You can request only competitors for particular groups using the &pgrp option. This example will request all teams in English Football

Example <https://xml2.txodds.com/feed/competitors.php?ident=id&passwd=pwd&pgrp=fbeng>

Names mapping

This web service will also allow you to look up team or player names. Clients with their own names database can use this to create a mapping for TXODDS names.



You must use a minimum of 3 characters to search by name

For example, to lookup all names equal to “Liverpool”

Example <https://xml2.txodds.com/feed/competitors.php?ident=id&passwd=pwd&name=Liverpool>

Will return the following XML document

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
- <competitors>
- <competitor>
  <id>2452</id>
  <name>Liverpool</name>
  <group>fbeng</group>
</competitor>
- <competitor>
  <id>3611</id>
  <name>Liverpool</name>
  <group>fburu</group>
</competitor>
- <competitor>
  <id>7965</id>
  <name>Liverpool B</name>
  <group>fbeng</group>
</competitor>
</competitors>
```

You can further filter your lookup request with the &pgrp code used above to request only teams that match “Liverpool” and are in the English leagues

Example <https://xml2.txodds.com/feed/competitors.php?ident=id&passwd=pwd&name=Liverpool&pgrp=fbeng>

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
- <competitors>
- <competitor>
  <id>2452</id>
  <name>Liverpool</name>
  <group>fbeng</group>
</competitor>
- <competitor>
  <id>7965</id>
  <name>Liverpool B</name>
  <group>fbeng</group>
</competitor>
```

Select a range by “greater than” id

You can request only competitors that are greater than another id

pidgt=	The required id code
USAGE	&pidgt=



For example instead of always downloading all the competitors at one time you can find the largest id number in your database and simply ask for anything greater than that value.

Example <https://xml2.txodds.com/feed/competitors.php?ident=id&passwd=pwd&pidgt=65000>

Appendix 7 – Sports Id Codes

This service provides a complete list of sports used within the feeds.

Base URL

The base XML documents can be found at the following URL

<https://xml2.txodds.com/feed/sports.php>

Example <https://xml2.txodds.com/feed/sports.php>

XML Format

Sports Container

ROOT		DESCRIPTION	
Sports		The root element for this XML document	
ELEMENTS	Sport	Element	DESCRIPTION
		id	The sport id code
		name	The sport name

Example XML document

```
<sports>
<sport>
<id>1</id>
<name>soccer</name>
</sport>
<sport>
<id>2</id>
<name>ice hockey</name>
</sport>
<sport>
<id>3</id>
<name>basketball</name>
</sport>
<sport>
<id>4</id>
<name>rugby union</name>
</sport>
<sport>
<id>5</id>
```

```
<name>tennis</name>
</sport>
<sport>
<id>6</id>
<name>us football</name>
</sport>
<sport>
<id>7</id>
<name>baseball</name>
</sport>
<sport>
<id>8</id>
<name>handball</name>
</sport>
<sport>
<id>9</id>
<name>pesapallo</name>
</sport>
<sport>
<id>10</id>
<name>floorball</name>
</sport>
<sport>
<id>11</id>
<name>bandy</name>
</sport>
<sport>
<id>12</id>
<name>golf</name>
</sport>
<sport>
<id>13</id>
<name>volleyball</name>
</sport>
<sport>
<id>14</id>
<name>cricket</name>
</sport>
<sport>
<id>15</id>
<name>table tennis</name>
</sport>
<sport>
<id>16</id>
<name>snooker</name>
</sport>
<sport>
<id>17</id>
<name>futsal</name>
</sport>
<sport>
<id>18</id>
<name>mixed martial arts</name>
</sport>
<sport>
<id>19</id>
<name>boxing</name>
</sport>
```

```
<sport>
<id>20</id>
<name>darts</name>
</sport>
<sport>
<id>21</id>
<name>bowls</name>
</sport>
<sport>
<id>22</id>
<name>motor sports</name>
</sport>
<sport>
<id>23</id>
<name>gaelic football</name>
</sport>
<sport>
<id>24</id>
<name>water polo</name>
</sport>
<sport>
<id>25</id>
<name>cycling</name>
</sport>
<sport>
<id>26</id>
<name>aussie rules</name>
</sport>
<sport>
<id>27</id>
<name>hockey</name>
</sport>
<sport>
<id>29</id>
<name>rugby league</name>
</sport>
<sport>
<id>30</id>
<name>alpine skiing</name>
</sport>
<sport>
<id>31</id>
<name>biathlon</name>
</sport>
<sport>
<id>32</id>
<name>curling</name>
</sport>
<sport>
<id>33</id>
<name>nordic combined</name>
</sport>
<sport>
<id>34</id>
<name>ski jumping</name>
</sport>
<sport>
<id>35</id>
```

```
<name>cross-country skiing</name>
</sport>
<sport>
<id>36</id>
<name>bobsleigh</name>
</sport>
<sport>
<id>37</id>
<name>freestyle skiing</name>
</sport>
<sport>
<id>38</id>
<name>luge</name>
</sport>
<sport>
<id>39</id>
<name>short track speed skating</name>
</sport>
<sport>
<id>40</id>
<name>skeleton</name>
</sport>
<sport>
<id>41</id>
<name>snowboard</name>
</sport>
<sport>
<id>42</id>
<name>speed skating</name>
</sport>
<sport>
<id>43</id>
<name>figure skating</name>
</sport>
<sport>
<id>44</id>
<name>miscellaneous</name>
</sport>
<sport>
<id>45</id>
<name>roller hockey</name>
</sport>
<sport>
<id>46</id>
<name>beach soccer</name>
</sport>
<sport>
<id>47</id>
<name>badminton</name>
</sport>
<sport>
<id>49</id>
<name>archery</name>
</sport>
<sport>
<id>50</id>
<name>athletics</name>
</sport>
```

```
<sport>
<id>51</id>
<name>beach volleyball</name>
</sport>
<sport>
<id>55</id>
<name>diving</name>
</sport>
<sport>
<id>56</id>
<name>equestrian</name>
</sport>
<sport>
<id>57</id>
<name>fencing</name>
</sport>
<sport>
<id>58</id>
<name>judo</name>
</sport>
<sport>
<id>59</id>
<name>modern pentathlon</name>
</sport>
<sport>
<id>61</id>
<name>canoe</name>
</sport>
<sport>
<id>62</id>
<name>gymnastics</name>
</sport>
<sport>
<id>66</id>
<name>rowing</name>
</sport>
<sport>
<id>67</id>
<name>shooting</name>
</sport>
<sport>
<id>68</id>
<name>swimming synchronised</name>
</sport>
<sport>
<id>69</id>
<name>swimming</name>
</sport>
<sport>
<id>70</id>
<name>taekwondo</name>
</sport>
<sport>
<id>71</id>
<name>trampoline</name>
</sport>
<sport>
<id>72</id>
```



```
<name>triathlon</name>
</sport>
<sport>
<id>73</id>
<name>weightlifting</name>
</sport>
<sport>
<id>74</id>
<name>wrestling</name>
</sport>
<sport>
<id>75</id>
<name>sailing</name>
</sport>
<sport>
<id>76</id>
<name>horse racing</name>
</sport>
<sport>
<id>77</id>
<name>gaelic hurling</name>
</sport>
<sport>
<id>78</id>
<name>pool</name>
</sport>
<sport>
<id>79</id>
<name>squash</name>
</sport>
<sport>
<id>80</id>
<name>chess</name>
</sport>
<sport>
<id>81</id>
<name>greyhound racing</name>
</sport>
<sport>
<id>82</id>
<name>harness racing</name>
</sport>
<sport>
<id>83</id>
<name>e-sports</name>
</sport>
<sport>
<id>84</id>
<name>politics</name>
</sport>
<sport>
<id>85</id>
<name>entertainment</name>
</sport>
<sport>
<id>86</id>
<name>ball hockey</name>
</sport>
```

```
<sport>
<id>87</id>
<name>beach handball</name>
</sport>
<sport>
<id>88</id>
<name>surfing</name>
</sport>
<sport>
<id>89</id>
<name>sumo</name>
</sport>
<sport>
<id>90</id>
<name>netball</name>
</sport>
<sport>
<id>91</id>
<name>lacrosse</name>
</sport>
</sports>
```

Appendix 8 – Country Codes

This service provides a complete list of sports used within the feeds.

Base URL

The base XML documents can be found at the following URL

<https://xml2.txodds.com/feed/countries.php>

Example <https://xml2.txodds.com/feed/countries.php>

XML Format

countries Container

ROOT		DESCRIPTION	
Countries	The root element for this XML document		
ELEMENTS	Country	Element	DESCRIPTION
		id	The sport id code
		cc	The 3 letter code for this country/event. Note: For countries we use the ISO codes where possible as defined here:- https://en.wikipedia.org/wiki/ISO_3166-1_alpha-3
		name	The country or event name

Each country is given a shortcode, or country code - England is 'ENG'. These are normally (but not uniquely) based upon [ISO 3166 standards](https://en.wikipedia.org/wiki/ISO_3166-1_alpha-3)

Exceptions:

For US Sports then there are a lot of exceptions to this basic rule.

For example we have BBMLB for Major League Baseball. So, in this case the 'country' is in fact the league name. This is also true for

- BANBA (NBA Basketball),
- AFBNFL (NFL American Football)
- AFBNCAA College football and basketball
- BANCAA College basketball
- ICNHL (NHL Hockey)
- FBMLS (Major League Soccer)

```
<country>
<id>420</id>
<cc>MLB</cc>
<name>MLB</name>
</country>
```

For Tennis also all events are assigned the same country called 'Tennis'.

```
<country>
<id>470</id>
<cc>TN</cc>
<name>Tennis</name>
</country>
```

Note: there are other exceptions to this in addition to US Sports and Tennis.

Generally speaking when the country doesn't matter then for other single player sports there will be a single 'sport/country' assigned for all players in that sport.

Example XML document

```
- <countries>
- <country>
  <id>361</id>
  <cc>IRI</cc>
  <name>Iran</name>
</country>
- <country>
  <id>362</id>
  <cc>NHL</cc>
  <name>NHL</name>
</country>
- <country>
  <id>363</id>
  <cc>BUL</cc>
  <name>Bulgaria</name>
</country>
- <country>
  ... {etc }
  <id>525</id>
  <cc>MLI</cc>
  <name>Mali</name>
</country>
- <country>
  <id>526</id>
  <cc>GAB</cc>
  <name>Gabon</name>
</country>
- <country>
  <id>527</id>
  <cc>BFA</cc>
  <name>Burkina Faso</name>
</country>
</countries>
```

Appendix 9 – Antepost Types Available

Below is a list of Antepost Types currently available. We use Antepost to describe not only 'Forwards' or 'Outrights' but also any events with a field usually with 4 or more possible outcomes.

Base URL

The base XML documents can be found at the following URL

<https://xml2.txodds.com/feed/odds/apmarkets.php>

Example <https://xml2.txodds.com/feed/odds/apmarkets.php>

XML Format

markets Container

ROOT		DESCRIPTION		
markets	The root element for this XML document			
ELEMENTS	markets	Element	DESCRIPTION	
		Market pgid	The market code.	
		name	The market name	
		aptype	ID	Description
			1	Win Outright
			2	Relegation
			3	European Qualification Group 1
			4	European Qualification Group 2
			5	European Qualification Group 3
			6	European Qualification Group 4
7	European Qualification Group 5			
8	European Qualification Group 6			
9	European Qualification Group 7			
10	European Qualification Group 8			
11	Finish Bottom			
12	Promotion			
13	Top 3 Finish			
14	Reach the Final			
15	Top 2 Finish			
16	Top 6 Finish			
17	Without Celtic and Rangers			
18	without Man Utd, Chelsea and Arsenal			
19	Win Group 1(A)			
20	Win Group 2(B)			
21	Win Group 3(C)			
22	Win Group 4(D)			
23	Win Group 5(E)			
24	Win Group 6(F)			
25	Win Group 7(G)			
26	Win Group 8(H)			
27	Qualify From Group 1(A)			

		28	Qualify From Group 2(B)	
		29	Qualify From Group 3(C)	
		30	Qualify From Group 4(D)	
		31	Qualify From Group 5(E)	
		32	Qualify From Group 6(F)	
		33	Qualify From Group 7(G)	
		34	Qualify From Group 8(H)	
		35	win without MU,Chelsea,Arsenal and Liverpool	
		36	Top 5 Finish	
		37	Win Without Jenson Button	
		38	Win Without FC Copenhagen	
		39	Win Qualification	
		40	Win Without Tiger Woods	
		41	Win Without Barcelona and Real Madrid	
		42	Win Group 9(I)	
		43	Win Group 10(J)	
		44	Win Group 11(K)	
		45	Win Group 12(L)	
		46	Top 4 Finish	
	status	1 = active market. 0 = completed.		

Example XML document

```

<markets>
<market pgid="3406" name="FBENG Premier League-07" aptype="1" status="0" />
<market pgid="3437" name="FBGER 1. Bundesliga-07" aptype="1" status="0" />
<market pgid="3368" name="FBECUP Champions League-07" aptype="1" status="0" />
<market pgid="3369" name="FBECUP UEFA-07" aptype="1" status="0" />
<market pgid="3407" name="FBENG Coca-Cola Championship-07" aptype="1" status="0" />
<market pgid="3408" name="FBENG Coca-Cola League One-07" aptype="1" status="0" />
</markets>

```

Appendix 10 – Antepost Deleted Offers Service

This service allows a search for deleted offers on the Antepost feed. An offer refers to market / bookie / team combination.

When an offer for a team is no longer 'valid' the offer id is available on this web service ths providing a complete audit trail of what has been available.

Base URL

The base XML documents can be found at the following URL

https://xml2.txodds.com/feed/deleted_ap_offers.php

Example https://xml2.txodds.com/feed/deleted_ap_offers.php?ident=&passwd=

XML Format

Peids Container

ROOT		DESCRIPTION	
Peids	The root element for this XML document		
	time=	The current TXODDS server time when the request was processed	
	timestamp=	The Unix timestamp when the request was processed	
ELEMENTS	peid		
		attribute	DESCRIPTION
		offer id=	Offer id code. This maps directly to the offer id specified in the offer element section
		time=	Time when the offer id was added

Example XML document

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
- <ap_offers time="2010-03-23T08:59:00+00:00" timestamp="1269334740">
<offer id="50011692" time="2010-03-23T08:59:00+00:00" />
<offer id="50011689" time="2010-03-23T08:59:00+00:00" />
<offer id="50011677" time="2010-03-23T08:59:00+00:00" />
....
</ap_offers>
```

Select by timestamp

By recording the timestamp from requests to this web service you can simply then request updates from that time instead of receiving the whole document each time

Example https://xml2.txodds.com/feed/deleted_ap_offers.php?ident=&passwd=&last=1269334740

Appendix 11 – Antepost Exchange Matched Amounts Service

This service is reserved for including exchange matched amounts.

Base URL

The base XML documents can be found at the following URL

https://xml2.txodds.com/feed/ap_offer_amounts.php

Example https://xml2.txodds.com/feed/ap_offer_amounts.php?date=2010-01-18

XML Format

ap_offer_amounts Container

ROOT		DESCRIPTION	
ap_offer_amounts		The root element for this XML document	
ELEMENTS	offer		
		attribute	DESCRIPTION
		pgid=	Offer id code. This maps directly to the offer id specified in the offer element section
		bid=	Bookmaker (exchange) identifying code. See Active Bookmakers
		amount=	Monetary value of amounts of matched bets on exchanges

Example XML document

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<ap_offer_amounts>
  <offer pgid="4786" bid="NNN" amount="MMMMM" />
  <offer pgid="5494" bid="NNN" amount="MMMM" />
  <offer pgid="3406" bid="NNN" amount="MMM" />
</ap_offer_amounts>
```

Appendix 12 – Exchange Matched Amounts Service

This service is reserved for including exchange matched amounts for standard odds.

Base URL

The base XML documents can be found at the following URL

https://xml2.txodds.com/feed/offer_amounts.php

For example to see exchange amounts for English Premier League matches (&pgid=6477) for matches starting on the 2nd April 2011.

This web service expects a date or date range as a mandatory option.

Example https://xml2.txodds.com/feed/offer_amounts.php?pgid=6477&date=2011-04-02

Date

You may now select by a particular date

date=	The required date, date range	
USAGE	Examples	
	attribute	DESCRIPTION
	&date=YYYY-MM-DD	For a specific date
	&date=YYYY-MM-DD,YYYY-MM-DD	For a date range
	&date=today	Just for today
	&date=today+7	For today plus 7 days

Sport

You may now select by a particular sport

spid=	The required sport	
USAGE	Examples	
	attribute	DESCRIPTION
	&spid=1	Soccer
	&spid=2	Hockey
	Please see Appendix 7 – Sports Id Codes for all sports	

Bet Offer ID

You may now select by a particular bet offer id

spid=	The required bet offer id	
USAGE	Examples	
	attribute	DESCRIPTION
	&boid=xxxxxxx	Single bet offer ID
	&boid=xxxxxxx,yyyyyyy,zzzzzzzzz	Multiple bet offer IDs

XML Format

offer_amounts Container

ROOT		DESCRIPTION	
offer_amounts	The root element for this XML document		
ELEMENTS	offer		
		attribute	DESCRIPTION
		boid	The exchange marketid (from the offer bmoid attribute for the exchange)
		amount=	Monetary value of amounts of matched bets on exchanges

Example XML document

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
- <offer_amounts>
  <offer boid="64839102" amount="25" />
  <offer boid="64839101" amount="5" />
  <offer boid="64839100" amount="28" />
  <offer boid="64839099" amount="39" />
  <offer boid="64838439" amount="50915" />
  <offer boid="64838438" amount="1862" />
  <offer boid="64838436" amount="25" />
  <offer boid="64838435" amount="229" />
  <offer boid="65083311" amount="49" />
  <offer boid="65083312" amount="49" />
  <offer boid="65083313" amount="49" />
  <offer boid="65083314" amount="49" />
</offer_amounts>
```

```
<offer boid="65083315" amount="49" />
<offer boid="65083316" amount="49" />
<offer boid="65083317" amount="49" />
<offer boid="65083318" amount="49" />
<offer boid="65083319" amount="49" />
<offer boid="65083320" amount="49" />
<offer boid="65083321" amount="49" />
<offer boid="65083322" amount="49" />
<offer boid="65083323" amount="49" />
<offer boid="65083324" amount="49" />
<offer boid="64839118" amount="18" />
<offer boid="64839117" amount="8" />
<offer boid="64839116" amount="5782" />
```

Appendix 13 – Odds Types Service

This service shows all the currently available odds types on the Standard and Full Service feeds

Base URL

The base XML documents can be found at the following URL

https://xml2.txodds.com/feed/odds_types.php

Example https://xml2.txodds.com/feed/odds_types.php

XML Format

types Container

ROOT		DESCRIPTION	
types	The root element for this XML document		
ELEMENTS	type		
		element	DESCRIPTION
		ot	Odds Type id code. This maps directly to the ot attribute specified in the offer element section
		sname	Short name for this type
		name	Long name for this type

Example XML document

```
<types>
<type>
<ot>0</ot>
<sname>1x2</sname>
<name>three way</name>
</type>
<type>
<ot>1</ot>
<sname>ml</sname>
<name>money line</name>
</type>
<type>
<ot>3</ot>
<sname>pts</sname>
<name>points</name>
</type>
```

```
<type>
<ot>4</ot>
<sname>tot</sname>
<name>totals</name>
</type>
<type>
<ot>5</ot>
<sname>ah</sname>
<name>asian handicap</name>
</type>
<type>
<ot>65536</ot>
<sname>3wht</sname>
<name>three way - ht</name>
</type>
<type>
<ot>65537</ot>
<sname>2wht</sname>
<name>money line - ht</name>
</type>
<type>
<ot>65539</ot>
<sname>ptsht</sname>
<name>spread - ht</name>
</type>
<type>
<ot>65540</ot>
<sname>totht</sname>
<name>totals - ht</name>
</type>
<type>
<ot>65541</ot>
<sname>ahht</sname>
<name>asian handicap - ht</name>
</type>
<type>
<ot>131072</ot>
<sname>3wq1</sname>
<name>three way - q1</name>
</type>
<type>
<ot>131073</ot>
<sname>mlq1</sname>
<name>money line - q1</name>
</type>
<type>
<ot>131075</ot>
<sname>ptsq1</sname>
<name>points - q1</name>
</type>
<type>
<ot>131076</ot>
<sname>totq1</sname>
<name>totals - q1</name>
</type>
<type>
<ot>196608</ot>
<sname>3wq3</sname>
```

```
<name>three way - q3</name>
</type>
<type>
<ot>196609</ot>
<sname>mlq3</sname>
<name>money line - q3</name>
</type>
<type>
<ot>196611</ot>
<sname>ptsq3</sname>
<name>points - q3</name>
</type>
<type>
<ot>196612</ot>
<sname>totq3</sname>
<name>totals - q3</name>
</type>
<type>
<ot>262147</ot>
<sname>ptset</sname>
<name>points - et</name>
</type>
<type>
<ot>262148</ot>
<sname>totet</sname>
<name>totals - et</name>
</type>
<type>
<ot>327680</ot>
<sname>3w2hf</sname>
<name>three way - 2nd hf</name>
</type>
<type>
<ot>327681</ot>
<sname>ml2hf</sname>
<name>money line - 2nd hf</name>
</type>
<type>
<ot>327683</ot>
<sname>pts2hf</sname>
<name>points - 2nd hf</name>
</type>
<type>
<ot>327684</ot>
<sname>tot2hf</sname>
<name>totals - 2nd hf</name>
</type>
<type>
<ot>327685</ot>
<sname>ah2hf</sname>
<name>asian handicap - 2nd hf</name>
</type>
<type>
<ot>393216</ot>
<sname>3wq2</sname>
<name>three way - q2</name>
</type>
<type>
```

```
<ot>393217</ot>
<sname>mlq2</sname>
<name>money line - q2</name>
</type>
<type>
<ot>393219</ot>
<sname>ptsq2</sname>
<name>points - q2</name>
</type>
<type>
<ot>393220</ot>
<sname>totq2</sname>
<name>totals - q2</name>
</type>
<type>
<ot>458752</ot>
<sname>3wq4</sname>
<name>three way - q4</name>
</type>
<type>
<ot>458753</ot>
<sname>mlq4</sname>
<name>money line - q4</name>
</type>
<type>
<ot>458755</ot>
<sname>ptsq4</sname>
<name>points - q4</name>
</type>
<type>
<ot>458756</ot>
<sname>totq4</sname>
<name>totals - q4</name>
</type>
<type>
<ot>524288</ot>
<sname>3w1o</sname>
<name>three way - 1st over</name>
</type>
<type>
<ot>524292</ot>
<sname>tot1o</sname>
<name>totals - 1st over</name>
</type>
<type>
<ot>655361</ot>
<sname>mlrt</sname>
<name>moneyline - rt</name>
</type>
<type>
<ot>1048577</ot>
<sname>g/ng</sname>
<name>goal/nogoal</name>
</type>
<type>
<ot>2097153</ot>
<sname>od/ev</sname>
<name>odd/even</name>
```



```
</type>
<type>
<ot>2162689</ot>
<sname>od/evht</sname>
<name>odd/even - ht</name>
</type>
<type>
<ot>2424833</ot>
<sname>od/ev2h</sname>
<name>odd/even - 2nd hf</name>
</type>
<type>
<ot>4194304</ot>
<sname>tg</sname>
<name>total goals (0-2/3/4+)</name>
</type>
<type>
<ot>5242880</ot>
<sname>dc</sname>
<name>double chance (1x/x2/12)</name>
</type>
<type>
<ot>5308416</ot>
<sname>dcht</sname>
<name>double chance (1x/x2/12) - ht</name>
</type>
<type>
<ot>5373952</ot>
<sname>dcq1</sname>
<name>double chance (1x/x2/12) - q1</name>
</type>
<type>
<ot>5439488</ot>
<sname>dcq3</sname>
<name>double chance (1x/x2/12) - q3</name>
</type>
<type>
<ot>5570560</ot>
<sname>dc2h</sname>
<name>double chance (1x/x2/12) - 2nd h</name>
</type>
<type>
<ot>5636096</ot>
<sname>dcq2</sname>
<name>double chance (1x/x2/12) - q2</name>
</type>
<type>
<ot>6291457</ot>
<sname>dnb</sname>
<name>draw no bet</name>
</type>
<type>
<ot>6356993</ot>
<sname>dnbht</sname>
<name>draw no bet - ht</name>
</type>
<type>
<ot>6619137</ot>
```

```
<sname>dnb2h</sname>
<name>draw no bet - 2nd hf</name>
</type>
<type>
<ot>7340033</ot>
<sname>toprog</sname>
<name>to progress</name>
</type>
<type>
<ot>8388608</ot>
<sname>1x2hc</sname>
<name>three way handicap (h:g)</name>
</type>
<type>
<ot>8454144</ot>
<sname>1x2hcht</sname>
<name>three way handicap (h:g) - ht</name>
</type>
<type>
<ot>8716288</ot>
<sname>1x2hc2hf</sname>
<name>three way handicap (h:g) - 2nd h</name>
</type>
<type>
<ot>9437188</ot>
<sname>totcor</sname>
<name>total corners</name>
</type>
<type>
<ot>9502724</ot>
<sname>totcor1fh</sname>
<name>total corners - ht</name>
</type>
<type>
<ot>9699332</ot>
<sname>totcoret</sname>
<name>total corners - extra time</name>
</type>
<type>
<ot>10027012</ot>
<sname>totcor10min</sname>
<name>total corners - 1st 10 mins</name>
</type>
<type>
<ot>10485761</ot>
<sname>gtd</sname>
<name>to go the distance</name>
</type>
<type>
<ot>11534337</ot>
<sname>bts</sname>
<name>both teams to score</name>
</type>
<type>
<ot>11599873</ot>
<sname>btsht</sname>
<name>both teams to score - ht</name>
</type>
```

```
<type>
<ot>11862017</ot>
<sname>bts2hf</sname>
<name>both teams to score - 2nd hf</name>
</type>
<type>
<ot>12582912</ot>
<sname>hwmg</sname>
<name>half with more goals</name>
</type>
<type>
<ot>13631489</ot>
<sname>wbh</sname>
<name>win both halves</name>
</type>
<type>
<ot>14680065</ot>
<sname>wt</sname>
<name>win the toss</name>
</type>
<type>
<ot>15728644</ot>
<sname>totsix</sname>
<name>total sixes</name>
</type>
<type>
<ot>16777220</ot>
<sname>totro</sname>
<name>total runouts</name>
</type>
<type>
<ot>17825792</ot>
<sname>m180</sname>
<name>most 180s</name>
</type>
<type>
<ot>18874369</ot>
<sname>170f</sname>
<name>170 finish</name>
</type>
<type>
<ot>19922945</ot>
<sname>9df</sname>
<name>9 dart finish</name>
</type>
<type>
<ot>20971520</ot>
<sname>1x2cor</sname>
<name>three way corners</name>
</type>
<type>
<ot>21037056</ot>
<sname>1x2corht</sname>
<name>three way corners - ht</name>
</type>
<type>
<ot>22020099</ot>
<sname>ptscor</sname>
```

```
<name>handicap corners</name>
</type>
<type>
<ot>22085635</ot>
<sname>ptscorht</sname>
<name>handicap corners - ht</name>
</type>
<type>
<ot>23068673</ot>
<sname>od/evcor</sname>
<name>odd/even corners</name>
</type>
<type>
<ot>23134209</ot>
<sname>od/evcorht</sname>
<name>odd/even corners - ht</name>
</type>
<type>
<ot>24117249</ot>
<sname>nextcor</sname>
<name>next corner</name>
</type>
<type>
<ot>25165825</ot>
<sname>lastcor</sname>
<name>last corner</name>
</type>
<type>
<ot>26214401</ot>
<sname>1stcor</sname>
<name>first corner</name>
</type>
<type>
<ot>27262976</ot>
<sname>1stcor1x2</sname>
<name>first corner threeway</name>
</type>
<type>
<ot>28311555</ot>
<sname>ptsset</sname>
<name>handicap sets</name>
</type>
<type>
<ot>28311556</ot>
<sname>totset</sname>
<name>total sets</name>
</type>
<type>
<ot>29360129</ot>
<sname>wtbo</sname>
<name>will there be overtime</name>
</type>
<type>
<ot>30408705</ot>
<sname>wtn</sname>
<name>win to nil</name>
</type>
<type>
```

```
<ot>31457284</ot>
<sname>tothome</sname>
<name>totals home</name>
</type>
<type>
<ot>32505860</ot>
<sname>totaway</sname>
<name>totals away</name>
</type>
</types>
```

Appendix 14 – JSON Examples

Odds example with &json=1

```
{
  "@attributes": {
    "time": "2019-03-13T11:47:04+00:00",
    "timestamp": "1552477624"
  },
  "match": [{
    "@attributes": {
      "id": "4851032",
      "xsid": "0",
      "gsmid": "2802198"
    },
    "time": "2019-03-12T19:45:00+00:00",
    "group": "FBENG Championship > Regular Season-18",
    "hteam": "Blackburn Rovers",
    "ateam": "Wigan",
    "results": {
      "0": "\n"
    },
    "bookmaker": [{
      "@attributes": {
        "bid": "83",
        "name": "PinnacleSports"
      },
      "offer": {
        "@attributes": {
          "id": "1435036225",
          "n": "325",
          "ot": "0",
          "otname": "three way",
          "last_updated": "2019-03-12T21:19:10+00:00",
          "flags": "0",
          "bmoid": "1977,3851,3852,962440195,679354503"
        },
        "odds": [{
          "@attributes": {
            "i": "0",
            "time": "2019-03-12T21:19:10+00:00",
            "starting_time": "2019-03-12T19:45:00+00:00"
          },
          "o1": "1.034",
          "o2": "18.890",
          "o3": "97.120"
        }
      ]
    }
  ]
}, {
```

Odds example with &json=2

```
{
  "@attributes": {
    "time": "2019-03-13T11:58:53+00:00",
    "timestamp": "1552478333"
  },
  "match": [{
    "@attributes": {
      "id": "4851032",
      "xsid": "0",
      "gsmid": "2802198"
    },
    "time": "2019-03-12T19:45:00+00:00",
    "group": {
      "@attributes": {
        "id": "68078",
        "cgid": "70",
        "spid": "1",
        "cnid": "382",
        "mgid": "1018",
        "cname": "Championship"
      },
      "@text": "FBENG Championship > Regular Season-18"
    },
    "hteam": {
      "@attributes": {
        "id": "1597"
      },
      "@text": "Blackburn Rovers"
    },
    "ateam": {
      "@attributes": {
        "id": "3341"
      },
      "@text": "Wigan"
    },
    "results": null,
    "bookmaker": [{
      "@attributes": {
        "bid": "83",
        "name": "PinnacleSports"
      },
      "offer": {
        "@attributes": {
          "id": "1435036225",
          "n": "325",
          "ot": "0",
          "otname": "three way",
          "last_updated": "2019-03-12T21:19:10+00:00",
          "flags": "0",
          "bmoid": "1977,3851,3852,962440195,679354503"
        },
        "odds": [{
          "@attributes": {
            "i": "0",
            "time": "2019-03-12T21:19:10+00:00",
```

```
    "starting_time": "2019-03-12T19:45:00+00:00"  
  },  
  "o1": "1.034",  
  "o2": "18.890",  
  "o3": "97.120"  
}, {
```


Appendix 15 - Competitions web service

This web service provides a comprehensive list of competitions used by the feed.

Base URL

The base XML documents can be found at the following URL

<https://xml2.txodds.com/feed/competitions.php>

Example <https://xml2.txodds.com/feed/competitions.php?ident=&passwd=&cgid=8>

XML Format

Competitions Container

ROOT		DESCRIPTION	
competitions	The root element for this XML document		
ELEMENTS	competition	Element	DESCRIPTION
		cgid	The competition id code
		spid	The sport ID code (Appendix 7 – Sports Id Codes)
		cnid	The country ID code (Appendix 8 – Country Codes)
		name	The competition name
		pgid	The league/round ID code (Appendix 3 – Minor ID group codes)
		mgid	The master group ID code (Appendix 2 – Master ID group codes)
		mgname	The master group ID name (Appendix 2 – Master ID group codes)
		pgname	The league/round ID code (Appendix 3 – Minor ID group codes)
		sid	The season ID

Sport ID

You may now select by a particular sport from Appendix 7 – Sports Id Codes

spid=	The required sport code
USAGE	&spid=
USAGE	&spid=xxxx,yyyy,zzzz (most requests will accept comma delimited requests for multiple ids)

For example to request details for spid=1, Soccer for the 2019/20 season

Example1 <https://xml2.txodds.com/feed/competitions.php?ident=&passwd=&spid=1&sid=19>

Competition ID

You may now select by an competition id code, to see all the available leagues/rounds over time

cgid=	The required competition code
USAGE	&cgid=
USAGE	&cgid=xxxx,yyyy,zzzz (most requests will accept comma delimited requests for multiple ids)

For example to request details for cgid=8, the English Premier League Soccer

Example1 <https://xml2.txodds.com/feed/competitions.php?ident=&passwd=&cgid=8>

Example XML document

```
<competitions>
  <competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="1030" mgid="1018" mgname="FBENG" pgname="Premiership" sid="96"/>
  <competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="1031" mgid="1018" mgname="FBENG" pgname="Premiership" sid="97"/>
  <competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="1032" mgid="1018" mgname="FBENG" pgname="Premiership" sid="98"/>
  <competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="1033" mgid="1018" mgname="FBENG" pgname="Premiership" sid="99"/>
  <competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="1133" mgid="1018" mgname="FBENG" pgname="Premier League" sid="00"/>
  <competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="1288" mgid="1018" mgname="FBENG" pgname="Premiership" sid="01"/>
  <competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="1511" mgid="1018" mgname="FBENG" pgname="Premier League" sid="02"/>
  <competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="1815" mgid="1018" mgname="FBENG" pgname="Premier League" sid="03"/>
</competitions>
```

```

<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="2059" mgid="1018" mgname="FBENG" pgname="Premier League" sid="04"/>
<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="2399" mgid="1018" mgname="FBENG" pgname="Premier League" sid="05"/>
<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="2760" mgid="1018" mgname="FBENG" pgname="Premier League" sid="06"/>
<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="3406" mgid="1018" mgname="FBENG" pgname="Premier League" sid="07"/>
<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="4035" mgid="1018" mgname="FBENG" pgname="Premier League" sid="08"/>
<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="4864" mgid="1018" mgname="FBENG" pgname="Premier League" sid="09"/>
<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="6477" mgid="1018" mgname="FBENG" pgname="Premier League" sid="10"/>
<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="8169" mgid="1018" mgname="FBENG" pgname="Premier League" sid="11"/>
<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="10798" mgid="1018" mgname="FBENG" pgname="Premier League" sid="12"/>
<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="13268" mgid="1018" mgname="FBENG" pgname="Premier League" sid="13"/>
<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="16882" mgid="1018" mgname="FBENG" pgname="Premier League" sid="14"/>
<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="26548" mgid="1018" mgname="FBENG" pgname="Premier League" sid="15"/>
<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="39352" mgid="1018" mgname="FBENG" pgname="Premier League > Regular Season" sid="16"/>
<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="53014" mgid="1018" mgname="FBENG" pgname="Premier League > Regular Season" sid="17"/>
<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="66898" mgid="1018" mgname="FBENG" pgname="Premier League Outrights" sid="18"/>
<competition cgid="8" spid="1" cnid="382" name="Premier
League" pgid="67773" mgid="1018" mgname="FBENG" pgname="Premier League > Regular Season" sid="18"/>
</competitions>

```

Country ID

You may now select by an country id code, to see all the available competitions for a particular country

cnid=	The required country code (Appendix 8 – Country Codes)
USAGE	&cnid=
USAGE	&cnid=xxxx,yyyy,zzzz (most requests will accept comma delimited requests for multiple ids)

For example to request details for cnid=382, you will get all English competitions , league/rounds across all sports, seasons

Example1 <https://xml2.txodds.com/feed/competitions.php?ident=&passwd=&cnid=320>

Master Group ID

You may now select by an league/round id code, to see all the competitions for a particular round/league

mgid=	The required country code (Appendix 2 – Master ID group codes)
USAGE	&mgid=
USAGE	&mgid=xxx,yyy,zzzz (most requests will accept comma delimited requests for multiple ids)

For example to request details for mgid=1018, you will get all English Soccer competitions , league/rounds and seasons

Example1 <https://xml2.txodds.com/feed/competitions.php?ident=&passwd=&mgid=1018>

Minor Group ID

You may now select by an league/round id code, to see all the competitions for a particular round/league

pgid=	The required country code (Appendix 3 – Minor ID group codes))
USAGE	&pgid=
USAGE	&pgid=xxx,yyy,zzzz (most requests will accept comma delimited requests for multiple ids)

For example to request details for pgid=67773, you will get English Premier League > Regular season for the 2018/19 season

Example1 <https://xml2.txodds.com/feed/competitions.php?ident=&passwd=&pgid=67773>

Document History

Changes

This section is intended to give a quick overview over the most important and / or obvious changes to the feed formatting and features for each release of this User guide document.

Version 1.4 New Features

- Added multiple lines sections for Over Under / Spreads / Asian Hcap see **Multiple lines**
- Added US client related information see US Sports naming information
- Added new maintenance feeds for:
 - Deleted odds (see **Appendix 4 - Deleted bet offers web service**)
 - Deleted matches (see **Appendix 5 - Deleted matches**)
 - Competitors names (see **Appendix 6 - Competitors web service**)

Version 1.5 New Features

- New odds types added for the Standard and Full service feeds. Please see the **Error! Reference source not found.** section. Currently there is limited bookmaker coverage for these special odds types.
- New feeds/web services available.
- Added a new **Average feed** section
- Added a new **Match Odds Feed** section
- Added a new **Antepost feed** section

Version 1.6 New Features

- Added new odds types and formats.
- Added new values for &date= enquiry.
- Added new values for &day= enquiry.
- Added new appendix for Sports ID Codes.
- Added new parameters that can help reduce the size of the result set:
 - pid - participant id
 - pgrp - participant group name
 - cid - country id
 - spid - sport id
 - name - alias name selection

Version 1.7 New Features

- Added sections for
 - Tracking OTB (Off-the-board) Offers
 - Moved XML Processing Guidelines to front of the document.
 - Hours Search
- Added new appendix for Antepost Markets Available.
- Updated Antepost feed data for changes made since originally added to User Guide.
- New odds type 'Draw No Bet' added.
- Added new sports to Appendix 2.
- Moved XML Processing Guidelines to front of this document and added additional details. Renamed 'Additional processing information' to 'Additional processing instructions'.

- Reiterated some additional features to 'Additional processing instructions' that will keep files sizes down.
- Added appendices for **Appendix 10 – Antepost Deleted Offers Service** and **Appendix 11 – Antepost Exchange Matched Amounts Service**.
- New Median time rules and format for Error! Reference source not found.

Version 1.7-3 New Features

- Added new appendix for **Appendix 13 – Odds Types Service**
- New odds type '1x2 EURO Handicap' added.
- Added XML Schema document location URLs for
 - Odds XML feed(s) at **Odds XML Schema Definition (XSD)**
 - Results XML feed at **Results XML Schema Definition (XSD)**

Version 1.7-4 New Features

- Replaced the existing 'full refresh' section with the more efficient method of how to request all the data using active master groups (countries) and minor groups (leagues) at Getting Started – refreshing all the data
- Updated sport requests like &mgstr=FB to the new format &mgstr=FB%
- Added new section on GZIP compressed data requests at GZIP compressed data requests

Version 2.01 New Features

- Replaced all references to TIP-EX with TXODDS
- Updated boid_states web service with the new &type=update option to get each time an offer is verified as correct
- Added new odds types for corners
- Added HTTP 500 Error condition and workaround (retry request)
- Added simple descriptions of maintenance feeds, bookmakers starting times feed to the introduction.
- Added selection by matchid, offer id and team id for odds feed
- Added selection by matchid, team id for average feed
- Added new appendix for exchange amounts for standard odds

Version 2.02 New Features

- Fixed typo in results XSD url
- Added selection by spid to the Moves feed.
- Added selection types 'how' and 'showbookdata' to the average feed

Version 2.04 New Features

- Request options for to groups feed
- Request options for deleted_peids feed
- Request options for competitors feed

Version 2.05 New Features

- Request options for groups feed

- Added missing request options for starting times feed (by date, peid, last). Added the new "only_differing" option to show just matches where the median is different from the published times
- Updates to countries service – missing elements added
- Added standard deviation information for the averages feed
- Request deleted_boids service by a specific, or series of boid value(s), dates
- Request deleted_peids service by a specific, or series of peid value(s), dates
- Request fixtures/odds by team id.
- Formatting changes

Version 2.07 New Features

- Added authentication requirement for groups.php and competitors.php web services

Version 2.08 New Features

- Replaced all instances of tip-ex.com with txodds.com
- Added definition of Odds Format (odds_format) in requests
- Updated Appendix 13, Odds Types
- Renamed Haft Time Correct Score feed to Match Odd Feed
- Documented apot request parameter for Match Odd Feed
- Document requesting data as JSON

Version 2.09 New Features

- Updated Off-the-board references to txodds.com website
- Updated Off-the-board feed request parameter information

Version 2.10 New Features

- Updated the error codes documentation for "not allowed date range"

Version 5.00 New Features

- Updated the front cover branding only

Version 5.10 New Features

- Updated the Tracking OTB (Off-the-board) Offers section with best practices for the feed consumption and notes on Bookmakers not providing state data

Version 5.11 New Features

- Updated all endpoints from http to https and added Security note detailing the withdrawal of http support in mid-2017

Version 5.12 New Features

- All Hyperlinks removed

Version 5.13 New Features

- Updated logo
- Added new JSON Appendix 14 – JSON Examples
- Added competitions webservice Appendix 15 - Competitions web service
- Various small bug fixes/repairs