



# **TXAPI IN-RUNNING FEED TENNIS EDITION**

## **User Guide**

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## What are the TXODDS XML Feeds?

The TXODDS Pre-game master database is constantly updated with the latest odds from:-

- Specialist In-running bookmakers
- Multiple odds quotes – such as Match Betting, Next Game Winner, Next Set Winner, Total Games, Current Set Totals. Odds types are being added all the time, so please ask for a full range for this sport.
- Live odds - utilising our unique in-house technology, updates are available on a second-by-second basis

### Time sensitivity

The feed provides a single web service for upcoming fixtures list which contains all of the in-running match information you require

```
<Fixtures xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347240582"
ServerTime="2012-09-10T01:29:42">
<Match tipex-matchid="2120899" xsid="0">
<ID>63864</ID>
<MatchTime>2012-09-10T15:00:00</MatchTime>
<Home id="7439">Romina Oprandi</Home>
<Away id="42176">Annika Beck</Away>
<League id="9518">TENNIS Quebec Canada Women</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2120895" xsid="0">
<ID>63865</ID>
<MatchTime>2012-09-10T15:00:00</MatchTime>
<Home id="35157">Mona Barthel</Home>
<Away id="42177">Heather Watson</Away>
<League id="9518">TENNIS Quebec Canada Women</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2120896" xsid="0">
<ID>63866</ID>
<MatchTime>2012-09-10T15:00:00</MatchTime>
<Home id="32228">Michelle Larcher DeBrito</Home>
<Away id="5422">Petra Rampre</Away>
<League id="9518">TENNIS Quebec Canada Women</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2120898" xsid="0">
<ID>63867</ID>
<MatchTime>2012-09-10T15:00:00</MatchTime>
<Home id="5411">Marie-eve Pelletier</Home>
<Away id="10989">BarboraZahlavova Strycova</Away>
<League id="9518">TENNIS Quebec Canada Women</League>
<RecRowCount>0</RecRowCount>
</Match>
</Fixtures>
```

A second web service delivers all current odds quotations from bookmakers either for all matches, optionally for a particular league / event or for a single match.

```

<?xml version="1.0" encoding="UTF-8" ?>
- <Odds xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1300766052"
ServerTime="2011-03-22T03:54:12" Increase="0" RecordCount="152">
- <Odd Tipex-matchid="850355" xsID="700562" LeagueID="6980">
  <aID>77252</aID>
  <mID>25119</mID>
  <Bookies>IBCBet</Bookies>
  <MatchID>1</MatchID>
  <OrderID>1</OrderID>
  <OddsHome id="1621">1.92</OddsHome>
  <OddsAway id="2630">1.96</OddsAway>
  <Handicap>-.25</Handicap>
  <LastUpdate>2011-03-22T02:35:04</LastUpdate>
  <TimeStamp>1300761303</TimeStamp>
</Odd>
- <Odd Tipex-matchid="850355" xsID="700562" LeagueID="6980">
  <aID>77206</aID>
  <mID>25119</mID>
  <Bookies>PinnacleSports</Bookies>
  <MatchID>1</MatchID>
  <OrderID>1</OrderID>
  <OddsHome id="1621">2.15</OddsHome>
  <OddsAway id="2630">1.8</OddsAway>
  <Handicap>-.5</Handicap>
  <LastUpdate>2011-03-22T03:10:57</LastUpdate>
  <TimeStamp>1300763457</TimeStamp>
</Odd>

```

All odds updates since your last request can be made so that **extremely fast updates** to odds quotes can be received with minimal processing overhead as only the information you need is sent

Data on demand

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

For example you can request information by:-

- **league or event** i.e., Current WTA or ATP events
- **bookmaker** i.e. only singbet or only sbobet
- **by time** i.e. by requesting the only updated odds

Of course if you want all matches for each of the odds types we offer 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.

## Filtering

In order to preserve the stability of the AHC platform and prevent any serious rogue or erroneous requests we have implemented the following request filters

- 1): Only 1 request without a "timestamp" in every 60 seconds will give a fresh return from the database. All other requests will revert to the memory cache
- 2). If repeated requests are made without a "timestamp", then the system will create a timestamp automatically.

---

This means that if requests 1,2,3,4 are for fresh return from the database then from request number 5 you will get only the latest odds changes returned by the system by the auto-created timestamp.

This auto- "timestamp" will be reset to 0 every 2 hours.

3): Maximum request of 1 main branch URL per second.

For example:

[http://ahceur1.txodds.com/OddsData/DB/RB\\_AHC1X2.asp?UserID=&PassID=&last=currenttimestamp](http://ahceur1.txodds.com/OddsData/DB/RB_AHC1X2.asp?UserID=&PassID=&last=currenttimestamp)

[http://ahceur1.txodds.com/OddsData/DB/RB\\_AHCHDP.asp?UserID=&PassID=&last=currenttimestamp](http://ahceur1.txodds.com/OddsData/DB/RB_AHCHDP.asp?UserID=&PassID=&last=currenttimestamp)

[http://ahceur1.txodds.com/OddsData/DB/RB\\_AHC1X2.asp?UserID=&PassID=&last=currenttimestamp](http://ahceur1.txodds.com/OddsData/DB/RB_AHC1X2.asp?UserID=&PassID=&last=currenttimestamp)

You can request these main branch URLs simultaneously every 1 second with no problems.

However, multiple requests of for example match- or bookmaker specific URLs every second will not be allowed and an error message will be generated.

## XML Schemas

XML Schema definition files are available for all our webservises. Please see the individual sections for details.

## Subscription

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 [xml@txodds.com](mailto:xml@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.

---

## Tennis Fixtures

### XML Fixtures Feed description

#### Base URL

The base XML documents can be found at the following URLs

<http://ahceur1.txodds.com> Main European region Primary server (Asian backup)

<http://ahc2.txodds.com> Main Asian region Primary server (European backup)



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

#### Authentication

As the Pre-game 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.

Additionally access is restricted by the IP address of the computer which will read the feed data. This IP address must be registered with TXODDS before you can access the feed(s)

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.

<b>UserID=</b>	Your TXODDS Username
<b>PassID=</b>	Your TXODDS password
<b>USAGE</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?mgstr=TENNIS">http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?mgstr=TENNIS</a>
<b>Example</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?mgstr=TENNIS&amp;UserID=username&amp;PassID=passwd">http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?mgstr=TENNIS&amp;UserID=username&amp;PassID=passwd</a>

#### All Matches fixture information

A complete list of all fixtures that have odds available can be returned from the following web service. Every match may not have all the three odds types of Spreads, Totals and Moneyline odds quoted and we will explain how to request the odds data later in this chapter,

<b>USAGE</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?mgstr=TENNIS">http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?mgstr=TENNIS</a>
<b>Example</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?mgstr=TENNIS&amp;UserID=username&amp;PassID=passwd">http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?mgstr=TENNIS&amp;UserID=username&amp;PassID=passwd</a>

As the fixture information constantly updates with new fixtures, starting times are likely to change dynamically for Tennis as the initial published times are usually based on the event official draw

and are usually “the match will not start before this time” and a corrected start time will be changed as previous matches finish.



If you have **automated trading systems** that rely on the start time of a match you may wish to request this information every minute using the [last timestamp option](#) and check the start time hasn't changed to ensure you are not betting in-running when you don't want to.

Please see here [Keeping up to date with new and modified fixtures](#) for further information

### Example 1 – All match fixtures XML

**Example** `http://ahceur1.txodds.com/OddsData/DB/xml fixture.asp?mgstr=TENNIS&UserID=username&PassID=passwd`

Single Match fixture information ( mID )

For verifying fixture information for a single match you can simply return that information using the following request. The match id used will have been returned from a previous request for all match information as above.

<b>mID=</b>	The specific match ID
<b>USAGE</b>	<code>http://ahceur1.txodds.com/OddsData/DB/xml fixture.asp?mID=xxxx</code>
<b>Example</b>	<code>http://ahceur1.txodds.com/OddsData/DB/xml fixture.asp?UserID=username&amp;PassID=passwd&amp;mID=64151</code>



Please try not to request match fixtures using mID= too often – this should only be done to verify match details usually via a browser session, or via manual request from an application.

### Example 1 – Single match fixtures XML

**Example** `http://ahceur1.txodds.com/OddsData/DB/xml fixture.asp?UserID=username&PassID=passwd&mID=64151`

```
<Match tipex-matchid="2120879" xsid="0">
<ID>64151</ID>
<MatchTime>2012-09-09T20:30:00</MatchTime>
<Home id="6901">Victoria Azarenka</Home>
<Away id="4219">Serena Williams</Away>
<League id="9171">TENNIS US Open Women</League>
<RecRowCount>0</RecRowCount>
</Match>
```

### Example 1 – Single match fixtures XML

**Example** `http://ahceur1.txodds.com/OddsData/DB/xml fixture.asp?UserID=username&PassID=passwd&mID=64151`



```

<Match tipex-matchid="2120879" xsid="0">
<ID>64151</ID>
<MatchTime>2012-09-09T20:30:00</MatchTime>
<Home id="6901">Victoria Azarenka</Home>
<Away id="4219">Serena Williams</Away>
<League id="9171">TENNIS US Open Women</League>
<RecRowCount>0</RecRowCount>
</Match>

```

Single Match fixtures lookup via TXODDS Standard Feed "match id" code

For clients that also subscribe to other TXODDS feeds for odds, scores and results you can request a single match information using the same match id code to allow cross feed functionality

<b>MatchID=</b>	The specific match ID
<b>USAGE</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?MatchID=xxxxxx">http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?MatchID=xxxxxx</a>
<b>Example</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?UserID=username&amp;PassID=password&amp;MatchID=2120879">http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?UserID=username&amp;PassID=password&amp;MatchID=2120879</a>

### Example 1 – Single match fixtures XML

**Example** <http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?type=0&UserID=username&PassID=password&MatchID=64151>

```

<Match tipex-matchid="2120879" xsid="0">
<ID>64151</ID>
<MatchTime>2012-09-09T20:30:00</MatchTime>
<Home id="6901">Victoria Azarenka</Home>
<Away id="4219">Serena Williams</Away>
<League id="9171">TENNIS US Open Women</League>
<RecRowCount>0</RecRowCount>
</Match>

```

Fixtures management process

Fixtures Loading

The current set of active match fixtures is available from the AHC system via the following XML webservice. It is recommended that this webservice is called by the client on the startup of their system or application.

<http://ahc1.tip-ex.com/OddsData/DB/xmlfixture.asp?mgstr=TENNISUserID=xxxx&PassID=yyyy>

This will return a full set or refresh of all fixtures in XML format similar to the following simple example.

```

<?xml version="1.0" encoding="UTF-8" ?>
<Fixtures xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347244206"
ServerTime="2012-09-10T02:30:06">
<Match tipex-matchid="2120899" xsid="0">
<ID>63864</ID>
<MatchTime>2012-09-10T15:00:00</MatchTime>
<Home id="7439">Romina Oprandi</Home>
<Away id="42176">Annika Beck</Away>
<League id="9518">TENNIS Quebec Canada Women</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2120895" xsid="0">
<ID>63865</ID>
<MatchTime>2012-09-10T15:00:00</MatchTime>
<Home id="35157">Mona Barthel</Home>
<Away id="42177">Heather Watson</Away>
<League id="9518">TENNIS Quebec Canada Women</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2120896" xsid="0">
<ID>63866</ID>
<MatchTime>2012-09-10T15:00:00</MatchTime>
<Home id="32228">Michelle Larcher DeBrito</Home>
<Away id="5422">Petra Rampre</Away>
<League id="9518">TENNIS Quebec Canada Women</League>
<RecRowCount>0</RecRowCount>
</Match>
</Fixtures>

```

Each fixture should be stored in the clients system or application and can be indexed via the unique match identifier denoted via the <ID>123456</ID> element. When the clients system or application is restarted the unique ID can be used to update new or changed fixture information to ensure the latest changes are available to the client.

**Please note:** Any fixture that has already been stored in the clients system or application from a previous start-up and not available in the most refresh should be considered 'suspect' and a notification of this exception could generate a clients internal alert to notify the support team to verify the status of this match before the data is used for trading.

#### Keeping up to date with new and modified fixtures

Once the initial load or refresh has been completed as detailed above the client does not need to request all the data again until their system or application has been restarted again.

In order to request updates the client can use the TXODDS timestamp facility whereby only changes are returned.

**Note:** This is especially important for managing any updated starting times in the Running Ball system as matches may start a few minutes or more before or after the published fixture times

In the <Fixtures> root element of the above refresh request we place the "Timestamp" attribute, shown below coloured red

```

<?xml version="1.0" encoding="UTF-8" ?>
<Fixtures xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347244206"
ServerTime="2012-09-10T02:30:06">

```

By storing this timestamp value and using it on your next request to the fixtures webservice then any new or changed fixtures only will be returned.

For example, we take the refresh request from the top of the page, and simply add the timestamp value as follows:-

---

<http://ahc1.tip-ex.com/OddsData/DB/xmlfixtures.asp?UserID=xxxx&PassID=yyyy&last=1347244206>

If there are no new, or updated fixtures you will receive just the header and a new timestamp.

```
<Fixtures xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347244451"
ServerTime="2012-09-10T02:34:11"/>
```

If there are updates these will be returned

```
<?xml version="1.0" encoding="UTF-8" ?>
<Fixtures xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347244206"
ServerTime="2012-09-10T02:30:06">
<Match tipex-matchid="2120899" xsid="0">
<ID>63864</ID>
<MatchTime>2012-09-10T15:00:00</MatchTime>
<Home id="7439">Romina Oprandi</Home>
<Away id="42176">Annika Beck</Away>
<League id="9518">TENNIS Quebec Canada Women</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2120895" xsid="0">
<ID>63865</ID>
<MatchTime>2012-09-10T15:00:00</MatchTime>
<Home id="35157">Mona Barthel</Home>
<Away id="42177">Heather Watson</Away>
<League id="9518">TENNIS Quebec Canada Women</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2120896" xsid="0">
<ID>63866</ID>
<MatchTime>2012-09-10T15:00:00</MatchTime>
<Home id="32228">Michelle Larcher DeBrito</Home>
<Away id="5422">Petra Rampre</Away>
<League id="9518">TENNIS Quebec Canada Women</League>
<RecRowCount>0</RecRowCount>
</Match>
</Fixtures>
```

Again, by using the unique match ID all changes can be simply merged into the clients system or application and any important changes can raise an exception or internal alert to support staff i.e. for example if a matches start time has been brought forward you may need to reschedule internal events.

For each subsequent request, you take the new timestamp returned in the Fixtures root element for the next request and so on.

```
<Fixtures xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347244451"
ServerTime="2012-09-10T02:34:11"/>
```

## Managing fixture errors

Whilst TXODDS proactively manage the integrity of our published fixtures there are times when some matches do need to be withdrawn from the service i.e. matches are of course rescheduled for Television coverage, adverse weather conditions and also due to systems errors.

Whilst the above procedures allow the client to ensure they have the latest updated fixtures if a fixture is removed from the system it will not be seen. To ensure clients have this information to hand we have a separate XML webservice 'ErrorFixtures' to show all withdrawn fixtures.

<http://ahc1.tip-ex.com/OddsData/DB/xmlerrorfixture.asp?mgstr=TENNIS&UserID=xxxx&PassID=yyyy>

---

This XML format is the same for the valid fixtures , but of course this time we are showing all matches that the client should remove or mark as 'suspect' or 'invalid' in their system or application.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Fixtures xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347244677"
ServerTime="2012-09-10T02:37:57">
<Match tipex-matchid="2120879" xsid="0">
<ID>64151</ID>
<MatchTime>2012-09-09T20:30:00</MatchTime>
<Home id="6901">Victoria Azarenka</Home>
<Away id="4219">Serena Williams</Away>
<League id="9171">TENNIS US Open Women</League>
<RecRowCount>0</RecRowCount>
</Match>
```

Again, by using the unique match ID all matches can be easily indentified.

As for the valid fixtures, then the error fixtures can also be requested just once at the system or application start-up and then kept up to date using the timestamp facility.

<http://ahc1.tip-ex.com/OddsData/DB/xmlerrorfixtures.asp?mgstr=TENNIS&UserID=xxxx&PassID=yyyy&last=1347244677>

This request will just return any new errors, or simply return a blank XML document, with a new timestamp for your next request, if there are no changes as in this example.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Fixtures xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347244677"
ServerTime="2012-09-10T02:37:57">
```

---

## Tennis Odds

### XML Odds Feed description

#### Base URL

The base XML documents can be found at the following URLs

<http://ahceur1.txodds.com> Main European region Primary server (Asian backup)

<http://ahc2.txodds.com> Main Asian region Primary server (European backup)



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

#### Authentication

As the Pre-game 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.

Additionally access is restricted by the IP address of the computer which will read the feed data. This IP address must be registered with TXODDS before you can access the feed(s)

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.

<b>UserID=</b>	Your TXODDS Username
<b>PassID=</b>	Your TXODDS password
<b>USAGE</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=TENNIS">http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=TENNIS</a>
<b>Example</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=TENNIS&amp;UserID=username&amp;PassID=passwd">http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=TENNIS&amp;UserID=username&amp;PassID=passwd</a>

#### Requesting the last odds quoted

To populate your local data with the last odds for each match fixture you need to make one initial request for all currently in-running matches/odds being quoted.

<b>USAGE</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=TENNIS">http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=TENNIS</a>
<b>Example</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=TENNIS&amp;UserID=username&amp;PassID=passwd">http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=TENNIS&amp;UserID=username&amp;PassID=passwd</a>

#### Example 1 – All Tennis offers

**Example** <http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=TENNIS&UserID=username&PassID=passwd>

```

<matches time="2012-09-10T05:11:37" timestamp="1347253897">
<match mID="64202" tipex-matchid="2123580" xsid="0" lastupdate="2012-09-09T17:31:49"
Live="true">
<time>2012-09-10T05:00:00</time>
<group id="9517">TENNIS Tashkent Uzbekistan Women</group>
<hteam id="6255">Anna Chakvetadze</hteam>
<ateam id="34790">Cagla Buyukakcay</ateam>
<bookmaker bid="17" name="ladbrokes">
<offer id="195170" ot="Current set winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:11:11" market="0" bmoid="0">
<price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="195168" ot="Match betting" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:11:11" market="0" bmoid="0">
<price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="195169" ot="Next game winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:11:11" market="0" bmoid="0">
<price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="195171" ot="Next set winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:11:11" market="0" bmoid="0">
<price type="normal" oh="0" od="0" oa="0"/>
</offer>
</bookmaker>
<bookmaker bid="42" name="willhill">
<offer id="195158" ot="Match betting" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:08:32" market="0" bmoid="0">
<price type="normal" oh="1.17" od="0" oa="4.5"/>
</offer>
</bookmaker>
</match>
<match mID="64205" tipex-matchid="2123579" xsid="0" lastupdate="2012-09-09T17:32:08"
Live="true">
<time>2012-09-10T05:00:00</time>
<group id="9517">TENNIS Tashkent Uzbekistan Women</group>
<hteam id="64006">Polina Pekhova</hteam>
<ateam id="6703">Ekaterina Bychkova</ateam>
<bookmaker bid="17" name="ladbrokes">
<offer id="195150" ot="Match betting" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:05:11" market="0" bmoid="0">
<price type="normal" oh="3" od="0" oa="1.364"/>
</offer>
<offer id="195155" ot="Next game winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:08:05" market="0" bmoid="0">
<price type="normal" oh="1.66" od="0" oa="2.1"/>
</offer>
<offer id="195154" ot="Next set winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:08:05" market="0" bmoid="0">
<price type="normal" oh="2.62" od="0" oa="1.44"/>
</offer>
</bookmaker>
<bookmaker bid="42" name="willhill">
<offer id="195156" ot="Match betting" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:08:31" market="0" bmoid="0">
<price type="normal" oh="3" od="0" oa="1.36"/>
</offer>
</bookmaker>
</match>
</matches>

```

## Requesting updated odds

To request the list of all offers for every match from a specified time you can use the TimeStamp request option.

To know the latest odds update you need to track the TimeStamp attribute in the document root

```
<matches time="2012-09-10T05:11:37" timestamp="1347253897">
```

<b>USAGE</b>	<code>http://ahceur1.txodds.com/OddsData/DB/xml.php?mgstr=TENNIS</code>
<b>Example</b>	<code>http://ahceur1.txodds.com/OddsData/DB/xml.php?mgstr=TENNIS&amp;UserID=username&amp;PassID=passwd&amp;last=1347253897</code>

### Example 1 –Updated odds only

This will request all updates of all odds since 2012-09-10T05:11:37

**Example** `http://ahceur1.txodds.com/OddsData/DB/USSpread.asp?type=0&UserID=username&PassID=passwd&last=1347253897`

```
<matches time="2012-09-10T05:13:58" timestamp="1347254038">
<match mID="64202" tipex-matchid="2123580" xsid="0" lastupdate="2012-09-09T17:31:49"
Live="true">
<time>2012-09-10T05:00:00</time>
<group id="9517">TENNIS Tashkent Uzbekistan Women</group>
<hteam id="6255">Anna Chakvetadze</hteam>
<ateam id="34790">Cagla Buyukakcay</ateam>
<bookmaker bid="42" name="willhill">
<offer id="195173" ot="Current Set Totals" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:13:35" market="0" bmoid="0">
<price type="normal" oh="1.14" od="7.5" oa="5"/>
</offer>
<offer id="195174" ot="Current Set Totals" lineid="2" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:13:35" market="0" bmoid="0">
<price type="normal" oh="1.44" od="8.5" oa="2.62"/>
</offer>
<offer id="195175" ot="Current Set Totals" lineid="3" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:13:35" market="0" bmoid="0">
<price type="normal" oh="2.05" od="9.5" oa="1.7"/>
</offer>
<offer id="195176" ot="Current Set Totals" lineid="4" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:13:35" market="0" bmoid="0">
<price type="normal" oh="4" od="10.5" oa="1.22"/>
</offer>
<offer id="195172" ot="Current set winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:13:35" market="0" bmoid="0">
<price type="normal" oh="1.36" od="0" oa="3"/>
</offer>
<offer id="195158" ot="Match betting" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:13:02" market="0" bmoid="0">
<price type="normal" oh="1.17" od="0" oa="4.5"/>
</offer>
</bookmaker>
</match>
```

### Bookmakers

If you made the above requests you would have received all bookmakers quoted prices. You can restrict which bookmakers you receive odds for with the following filter.

<b>bid=</b>	The required bookmaker code
<b>USAGE</b>	<code>&amp;Bookies=name1</code>

<b>Example</b>	http://ahceur1.txodds.com/OddsData/DB/xml.php?mgstr=TENNIS&UserID=username&PassID=passwd&Bookies=Pi nnacl eSports
----------------	---



A full list of bookmaker names can be found in the Appendix 1 – Bookmaker.

### Single Event odds information ( leagueID )

For just requesting odds for a specific event you can simply return that information using the following request. The league id used will have been returned from a previous request for all match information as above.

<b>LeagueID=</b>	The specific league/eventID
<b>USAGE</b>	http://ahceur1.txodds.com/OddsData/DB/xml.asp?leagueID=xxxx
<b>Example</b>	http://ahceur1.txodds.com/OddsData/DB/xml.asp?UserID=username&PassID=passwd&leagueID=9517

### Odds management process

Refresh / Load the current offers and prices

The current set of active offers is available from the AHC system via the following XML webservice. It is recommended that this webservice is called by the client on the startup of their system or application.

<http://ahc1.tip-ex.com/OddsData/DB/xml.asp?mgstr=TENNIS&UserID=xxxx&PassID=yyyy>

This will return a full set or refresh of all current offers in an XML format similar to the following simple example.



```

<matches time="2012-09-10T05:25:41" timestamp="1347254741">
<match mID="64164" tipex-matchid="2123249" xsid="0" lastupdate="2012-09-09T15:16:30"
Live="true">
<time>2012-09-10T05:00:00</time>
<group id="9517">TENNIS Tashkent Uzbekistan Women</group>
<hteam id="11669">Vlada Ekshibarova</hteam>
<ateam id="42364">Sabina Sharipova</ateam>
<bookmaker bid="365" name="188bet">
<offer id="195005" ot="Games Handicap" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:25:42" market="0" bmoid="0">
<price type="normal" oh="1.92" od="0" oa="1.92"/>
</offer>
</bookmaker>
<bookmaker bid="30" name="bwin">
<offer id="195159" ot="Current Set Totals" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:25:42" market="0" bmoid="0">
<price type="normal" oh="1.12" od="8.5" oa="5.25"/>
</offer>
<offer id="195160" ot="Current Set Totals" lineid="2" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:25:42" market="0" bmoid="0">
<price type="normal" oh="1.5" od="9.5" oa="2.4"/>
</offer>
<offer id="195166" ot="Current Set Totals" lineid="3" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:25:42" market="0" bmoid="0">
<price type="normal" oh="2.95" od="10.5" oa="1.35"/>
</offer>
<offer id="195167" ot="Current Set Totals" lineid="4" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:25:20" market="0" bmoid="0">
<price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="195045" ot="Match betting" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:25:38" market="0" bmoid="0">
<price type="normal" oh="1.6" od="0" oa="1.91"/>
</offer>
</bookmaker>
<bookmaker bid="17" name="ladbrokes">
<offer id="195152" ot="Current set winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:25:14" market="0" bmoid="0">
<price type="normal" oh="1.36" od="0" oa="3"/>
</offer>
<offer id="195100" ot="Match betting" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:25:14" market="0" bmoid="0">
<price type="normal" oh="1.61" od="0" oa="2.2"/>
</offer>
<offer id="195151" ot="Next game winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:21:19" market="0" bmoid="0">
<price type="normal" oh="1.53" od="0" oa="2.37"/>
</offer>
<offer id="195153" ot="Next set winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:22:55" market="0" bmoid="0">
<price type="normal" oh="2" od="0" oa="1.72"/>
</offer>
</bookmaker>
<bookmaker bid="42" name="willhill">
<offer id="195162" ot="Current Set Totals" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:25:42" market="0" bmoid="0">
<price type="normal" oh="1.11" od="8.5" oa="6"/>
</offer>
<offer id="195163" ot="Current Set Totals" lineid="2" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:25:42" market="0" bmoid="0">
<price type="normal" oh="1.4" od="9.5" oa="2.75"/>
</offer>
<offer id="195164" ot="Current Set Totals" lineid="3" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:25:42" market="0" bmoid="0">
<price type="normal" oh="2.75" od="10.5" oa="1.4"/>
</offer>
<offer id="195165" ot="Current Set Totals" lineid="4" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:23:43" market="0" bmoid="0">
<price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="195161" ot="Current set winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:25:42" market="0" bmoid="0">
<price type="normal" oh="1.44" od="0" oa="2.62"/>
</offer>
<offer id="195157" ot="Match betting" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:25:42" market="0" bmoid="0">
<price type="normal" oh="1.7" od="0" oa="2.05"/>

```

---

```
</offer>
</bookmaker>
</match>
</matches>
```

As discussed in the fixtures management section then each fixture should be stored in the clients system or application and can be indexed via the unique match identifier denoted via the `<mID>123456</mID>` element.

Additionally each bookmakers offer has a unique offer id which can be used to uniquely identify each offer

```
<offer id="195157" ot="Match betting" lineid="1" flags="0" inrunning="1" isturn="0"
```

**Note:** The offer id is unique across all bookmakers/sports ( as is the mID also ) so both can be safely used as unique indexes.

Keeping up to date with new and modified fixtures

Once the initial load or refresh has been completed as detailed above the client does not need to request all the data again until their system or application has been restarted again.

In order to request updates the client can use the TXODDS timestamp facility whereby only changes are returned.

In the `<matches>` root element of the above refresh request we place the "Timestamp" attribute, shown below coloured red

```
<?xml version="1.0" encoding="UTF-8" ?>
<Fixtures xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347244206"
ServerTime="2012-09-10T02:30:06">
```

**Note:** Clients should not request this service more often than once per second.

By storing this timestamp value and using it on your next request to the odds webservice then any new or changed odds only will be returned.

For example, we take the refresh request from the top of the page, and simply add the timestamp value as follows:-

```
http://ahc1.tip-ex.com/OddsData/DB/xml.asp?mgstr=TENNIS&UserID=xxxx&PassID=yyyy&last=134725553
96
```

If there are no new, or updated fixtures you will receive just the header and a new timestamp.

```
<matches time="2012-09-10T05:39:23" timestamp="1347255563">
```

If there are updates these will be returned

```

<matches time="2012-09-10T05:39:23" timestamp="1347255563">
<match mID="64202" tipex-matchid="2123580" xsid="0" lastupdate="2012-09-09T17:31:49"
Live="true">
<time>2012-09-10T05:00:00</time>
<group id="9517">TENNIS Tashkent Uzbekistan Women</group>
<hteam id="6255">Anna Chakvetadze</hteam>
<ateam id="34790">Cagla Buyukakcay</ateam>
<bookmaker bid="17" name="ladbrokes">
<offer id="195170" ot="Current set winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:39:06" market="0" bmoid="0">
<price type="normal" oh="1.28" od="0" oa="3.5"/>
</offer>
<offer id="195168" ot="Match betting" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:39:21" market="0" bmoid="0">
<price type="normal" oh="1.04" od="0" oa="9"/>
</offer>
<offer id="195220" ot="Total Games" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:39:21" market="0" bmoid="0">
<price type="normal" oh="2" od="16.5" oa="1.72"/>
</offer>
</bookmaker>
<bookmaker bid="42" name="willhill">
<offer id="195173" ot="Current Set Totals" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:39:07" market="0" bmoid="0">
<price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="195174" ot="Current Set Totals" lineid="2" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:39:08" market="0" bmoid="0">
<price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="195175" ot="Current Set Totals" lineid="3" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:39:08" market="0" bmoid="0">
<price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="195176" ot="Current Set Totals" lineid="4" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:39:08" market="0" bmoid="0">
<price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="195172" ot="Current set winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:39:07" market="0" bmoid="0">
<price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="195158" ot="Match betting" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:39:07" market="0" bmoid="0">
<price type="normal" oh="0" od="0" oa="0"/>
</offer>
</bookmaker>
</match>
</matches>

```

Again, by using the unique match ID and offer id all changes can be simply merged into the clients system or application.

For each subsequent request, you take the new timestamp returned in the matches root element for the next request and so on.

```

<matches time="2012-09-10T05:41:54" timestamp="1347255714">

```

## OTB Offers

When an offer is OTB/Suspended the value of the "flags=1" attribute will be set. Any offers with this flag set should be assumed to be OTB/Invalid/Not updating.

```

<offer id="195158" ot="Match betting" lineid="1" flags="1" inrunning="1" isturn="0"
last_update="2012-09-10T05:39:07" market="0" bmoid="0">
<price type="normal" oh="0" od="0" oa="0"/>

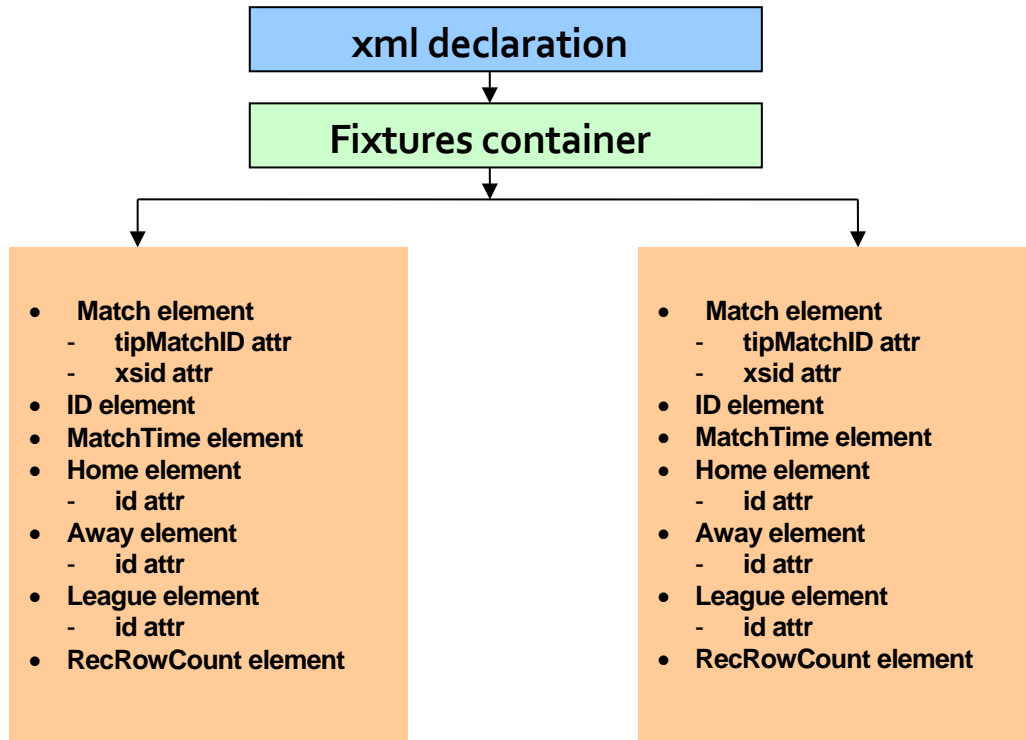
```

---

**Note:** Clients can also take note of the last\_update time for each offer as an additional check for whether an offer is currently active. An offer could be still valid but hasn't updated for sometime due internal / external error conditions.

## Fixtures XML document structure

The XML document is structurally rather simple to ensure fast delivery of the data. The row element contains all the detail required for each fixture.



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

- XML Declaration
- Fixtures Container
- Match Element

These are all comprehensively described below

XML Schema (XSD)

An XML Schema definition file for this webservice is available here

<http://ahceur1.txodds.com/OddsData/DB/xmlfixture.xsd>

Web service request

To request the list of all match fixtures:-

<b>END POINT</b>	xml fixture. asp?mgstr=TENNIS
<b>USAGE</b>	http://ahceur1.txodds.com/OddsData/DB/xml fixture. asp?mgstr=TENNIS

<b>Example</b>	<code>http://ahceur1.txodds.com/OddsData/DB/xml fixture.asp?mgstr=TENNIS&amp;UserID=username&amp;PassID=passwd</code>
----------------	---

The returned XML document is described below

### XML Declaration

So the first line of our document looks like this:

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

ATTRIBUTES	DESCRIPTION
<b>?xml version=</b>	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.
<b>encoding=</b>	Now the XML declaration does also afford you the opportunity to specify your preferred encoding type. We currently use the <b>UTF-8</b> encoding

### Fixtures Container

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

```
<Fixtures xmlns:sql="urn:schemas-microsoft-com:xml-sql">
<Match>
{ ... etc ...}
</Match>
</Fixtures>
```

ATTRIBUTES	DESCRIPTION		
<b>xmlns:sql</b>	The XML namespace used for this document		
<b>ELEMENTS</b>	<table border="1"> <tr> <td style="background-color: #f4a460;"><b>Match</b></td> <td>           The Match element describes individual match fixtures information such as the date, start time, league and team names   <b>Multiple sub-elements are allowed</b> </td> </tr> </table>	<b>Match</b>	The Match element describes individual match fixtures information such as the date, start time, league and team names  <b>Multiple sub-elements are allowed</b>
<b>Match</b>	The Match element describes individual match fixtures information such as the date, start time, league and team names  <b>Multiple sub-elements are allowed</b>		



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 match container as above but it will of course not contain any data.

## Match element

```
<Match tipex-matchid="2120879" xsid="0">
<ID>64151</ID>
<MatchTime>2012-09-09T20:30:00</MatchTime>
<Home id="6901">Victoria Azarenka</Home>
<Away id="4219">Serena Williams</Away>
<League id="9171">TENNIS US Open Women</League>
<RecRowCount>0</RecRowCount>
</Match>
```

ATTRIBUTES		DESCRIPTION								
xmlns:sql	The XML namespace used for this document									
<b>ELEMENTS</b>	<b>Match</b>	<table border="1"> <thead> <tr> <th>ATTRIBUTE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>Tipex-matchid</td> <td>The TXODDS Standard feed matchid to allow for cross referencing feeds</td> </tr> <tr> <td>xsid</td> <td>No longer used</td> </tr> </tbody> </table>	ATTRIBUTE	DESCRIPTION	Tipex-matchid	The TXODDS Standard feed matchid to allow for cross referencing feeds	xsid	No longer used		
	ATTRIBUTE	DESCRIPTION								
	Tipex-matchid	The TXODDS Standard feed matchid to allow for cross referencing feeds								
	xsid	No longer used								
	<b>ID</b>	The TXODDS match unique id code								
	<b>MatchTime</b>	The start time of the match. Please note that the time zone is set to GMT								
	<b>Home</b>	The Home team name								
		<table border="1"> <thead> <tr> <th>ATTRIBUTE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>id</td> <td>Home team unique id code</td> </tr> </tbody> </table>	ATTRIBUTE	DESCRIPTION	id	Home team unique id code				
ATTRIBUTE	DESCRIPTION									
id	Home team unique id code									
<b>Away</b>	The Away team name									
	<table border="1"> <thead> <tr> <th>ATTRIBUTE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>id</td> <td>Away team unique id code</td> </tr> </tbody> </table>	ATTRIBUTE	DESCRIPTION	id	Away team unique id code					
ATTRIBUTE	DESCRIPTION									
id	Away team unique id code									
<b>League</b>	The league or event name									
	<table border="1"> <thead> <tr> <th>ATTRIBUTE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>id</td> <td>TXODDS group code for the League or event</td> </tr> </tbody> </table>	ATTRIBUTE	DESCRIPTION	id	TXODDS group code for the League or event					
ATTRIBUTE	DESCRIPTION									
id	TXODDS group code for the League or event									
<b>RecRowCount</b>	Internal use only									

---

## Example match fixtures document

This is a simple example of an XML document for match fixtures

```
<Fixtures xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347244206"
ServerTime="2012-09-10T02:30:06">
  <Match tipex-matchid="2120899" xsid="0">
    <ID>63864</ID>
    <MatchTime>2012-09-10T15:00:00</MatchTime>
    <Home id="7439">Romina Oprandi</Home>
    <Away id="42176">Annika Beck</Away>
    <League id="9518">TENNIS Quebec Canada Women</League>
    <RecRowCount>0</RecRowCount>
  </Match>
  <Match tipex-matchid="2120895" xsid="0">
    <ID>63865</ID>
    <MatchTime>2012-09-10T15:00:00</MatchTime>
    <Home id="35157">Mona Barthel</Home>
    <Away id="42177">Heather Watson</Away>
    <League id="9518">TENNIS Quebec Canada Women</League>
    <RecRowCount>0</RecRowCount>
  </Match>
  <Match tipex-matchid="2120896" xsid="0">
    <ID>63866</ID>
    <MatchTime>2012-09-10T15:00:00</MatchTime>
    <Home id="32228">Michelle Larcher DeBrito</Home>
    <Away id="5422">Petra Rampre</Away>
    <League id="9518">TENNIS Quebec Canada Women</League>
    <RecRowCount>0</RecRowCount>
  </Match>
  ... {etc}
</Fixtures>
```

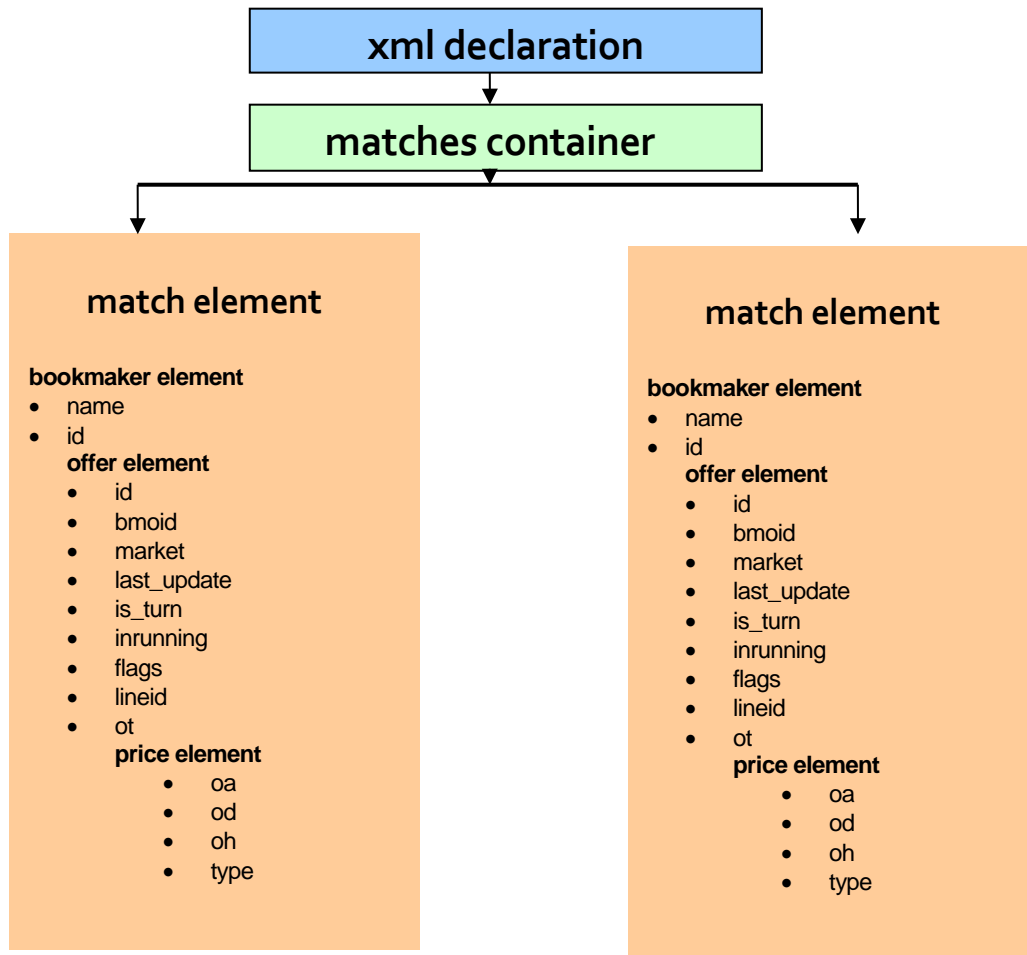


---

## Odds XML document structure

The XML document is structurally similar to the fixtures document and repeats the match information. Please see the fixtures XML document structure for details.

Within the match element is a repeating bookmaker, offers and price sub-elements -



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

- XML Declaration
- Matches Container
  - Match Element
    - Bookmaker element
    - Offer element
      - Price element

These are all comprehensively described below

---

## XML Schema (XSD)

An XML Schema definition file for this webservice is available here

<http://ahceur1.txodds.com/OddsData/DB/xml.xsd>

## Web service request

To request the list of the odds quotes for every match:-

<b>END POINT</b>	xml . asp?mgstr=TENNIS
<b>USAGE</b>	http://ahceur1.txodds.com/OddsData/DB/xml . asp?mgstr=TENNIS
<b>Example</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xml.php?mgstr=TENNIS&amp;UserID=username&amp;PassID=passwd">http://ahceur1.txodds.com/OddsData/DB/xml.php?mgstr=TENNIS&amp;UserID=username&amp;PassID=passwd</a>

The returned XML document is described below

## XML Declaration

So the first line of our document looks like this:

```
<?xml version="1.0" encoding="utf-8" ?>
```

ATTRIBUTES	DESCRIPTION
<b>?xml version=</b>	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.
<b>encoding=</b>	Now the XML declaration does also afford you the opportunity to specify your preferred encoding type. We currently use the <b>UTF-8 encoding</b>

ATTRIBUTES	DESCRIPTION
<b>ELEMENTS</b>	
<b>Match</b>	The Match element describes individual match fixtures information such as the date, start time, league and team names  <b>Multiple sub-elements are allowed</b>



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 match container as above but it will of course not contain any data.

## Match element

```

<matches time="2012-09-10T04:28:17" timestamp="1347251297">
<match mID="63996" tipex-matchid="2122994" xsid="0" lastupdate="2012-09-08T23:01:41"
Live="true">
<time>2012-09-10T02:00:00</time>
<group id="11549">TENNIS Ningbo China Challenger</group>
<hteam id="34415">Stefan Seifert</hteam>
<ateam id="36745">Ze Zhang</ateam>

... other elements

</match>

```

ATTRIBUTES		DESCRIPTION											
xmlns:sql	The XML namespace used for this document												
<b>ELEMENTS</b>	<b>Match</b>	<table border="1"> <thead> <tr> <th>ATTRIBUTE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>mID</td> <td>The TXODDS match unique id code</td> </tr> <tr> <td>tipex-matchid</td> <td>The TXODDS Standard feed matchid to allow for cross referencing feeds</td> </tr> <tr> <td>xsid</td> <td>No longer used</td> </tr> <tr> <td>lastupdate</td> <td>Time in GMT this match was last updated</td> </tr> </tbody> </table>	ATTRIBUTE	DESCRIPTION	mID	The TXODDS match unique id code	tipex-matchid	The TXODDS Standard feed matchid to allow for cross referencing feeds	xsid	No longer used	lastupdate	Time in GMT this match was last updated	
	ATTRIBUTE	DESCRIPTION											
	mID	The TXODDS match unique id code											
	tipex-matchid	The TXODDS Standard feed matchid to allow for cross referencing feeds											
	xsid	No longer used											
	lastupdate	Time in GMT this match was last updated											
<b>time</b>	The start time of the match. Please note that the time zone is set to GMT												
<b>group</b>	The league or event name												
	<table border="1"> <thead> <tr> <th>ATTRIBUTE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>id</td> <td>TXODDS group code for the League or event</td> </tr> </tbody> </table>	ATTRIBUTE	DESCRIPTION	id	TXODDS group code for the League or event								
ATTRIBUTE	DESCRIPTION												
id	TXODDS group code for the League or event												
<b>hteam</b>	The Home team name												
	<table border="1"> <thead> <tr> <th>ATTRIBUTE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>id</td> <td>Home team unique id code</td> </tr> </tbody> </table>	ATTRIBUTE	DESCRIPTION	id	Home team unique id code								
ATTRIBUTE	DESCRIPTION												
id	Home team unique id code												
<b>ateam</b>	The Away team name												
	<table border="1"> <thead> <tr> <th>ATTRIBUTE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>id</td> <td>Away team unique id code</td> </tr> </tbody> </table>	ATTRIBUTE	DESCRIPTION	id	Away team unique id code								
ATTRIBUTE	DESCRIPTION												
id	Away team unique id code												

## Bookmaker Element

The bookmaker element will contain all current offers for the current match from this specific bookmaker. There can be one or more bookmaker elements per match.

```
<bookmaker bid="17" name="ladbrokes">
<offer
...
</offer>
</bookmaker>
```

ATTRIBUTES		DESCRIPTION				
ELEMENTS	bookmaker	The bookmaker element provides details of the specific bookmaker and is the outer container for offers and price quotes				
		<p><b>Multiple sub-elements are allowed</b></p> <table border="1"> <thead> <tr> <th>ATTRIBUTE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>id</td> <td>TXODDS bookmaker id</td> </tr> <tr> <td>name</td> <td>The bookmakers name</td> </tr> </tbody> </table>	ATTRIBUTE	DESCRIPTION	id	TXODDS bookmaker id
ATTRIBUTE	DESCRIPTION					
id	TXODDS bookmaker id					
name	The bookmakers name					



A list of bookmakers can be found in this document at [Bookmakers](#)

## Offer element

```
<offer id="195150" ot="Match betting" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:05:11" market="0" bmoid="0">
<price type="normal" oh="3" od="0" oa="1.364"/>
</offer>
<offer id="195155" ot="Next game winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:06:08" market="0" bmoid="0">
<price type="normal" oh="1.72" od="0" oa="2"/>
</offer>
<offer id="195154" ot="Next set winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:04:57" market="0" bmoid="0">
<price type="normal" oh="2.62" od="0" oa="1.44"/>
```

ATTRIBUTES		DESCRIPTION
ELEMENTS	id	Unique offer id
	ot	The odds type name for this offer  For example:

		<table border="1"> <thead> <tr> <th>VALUE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td><b>Match Betting</b></td> <td>2 Way / Win Win odds for this match / bookmaker</td> </tr> <tr> <td><b>Next game winner</b></td> <td>2 Way / Win Win odds on the next game</td> </tr> <tr> <td><b>Next Set Winner</b></td> <td>2 Way / Win Win odds on the next game</td> </tr> <tr> <td><b>Current Set Winner</b></td> <td>2 Way / Win Win odds on the current Set</td> </tr> <tr> <td><b>Current Set Totals</b></td> <td>Over under on total games in the set</td> </tr> </tbody> </table> <p>Please note: There may be more odds types as these are continuously enhanced by the bookmakers and our feeds</p>	VALUE	DESCRIPTION	<b>Match Betting</b>	2 Way / Win Win odds for this match / bookmaker	<b>Next game winner</b>	2 Way / Win Win odds on the next game	<b>Next Set Winner</b>	2 Way / Win Win odds on the next game	<b>Current Set Winner</b>	2 Way / Win Win odds on the current Set	<b>Current Set Totals</b>	Over under on total games in the set
	VALUE	DESCRIPTION												
	<b>Match Betting</b>	2 Way / Win Win odds for this match / bookmaker												
	<b>Next game winner</b>	2 Way / Win Win odds on the next game												
	<b>Next Set Winner</b>	2 Way / Win Win odds on the next game												
	<b>Current Set Winner</b>	2 Way / Win Win odds on the current Set												
	<b>Current Set Totals</b>	Over under on total games in the set												
<b>lineid</b>	Id number for each line i.e. for handicaps/totals there are likely to be 1-n lines													
<b>flags</b>	<p>This setting shows whether an offer is valid or OTB / Suspended</p> <table border="1"> <thead> <tr> <th>VALUE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>OTB / Suspended</td> </tr> <tr> <td>1</td> <td>Valid</td> </tr> </tbody> </table>	VALUE	DESCRIPTION	0	OTB / Suspended	1	Valid							
VALUE	DESCRIPTION													
0	OTB / Suspended													
1	Valid													
<b>inrunning</b>	<table border="1"> <thead> <tr> <th>VALUE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Pre-game</td> </tr> <tr> <td>1</td> <td>In-running</td> </tr> </tbody> </table>	VALUE	DESCRIPTION	0	Pre-game	1	In-running							
VALUE	DESCRIPTION													
0	Pre-game													
1	In-running													
<b>isturn</b>	Internal use only													
<b>market</b>	<table border="1"> <thead> <tr> <th>VALUE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Bookmakers pricing</td> </tr> <tr> <td>1</td> <td>Exchange pricing</td> </tr> </tbody> </table>	VALUE	DESCRIPTION	0	Bookmakers pricing	1	Exchange pricing							
VALUE	DESCRIPTION													
0	Bookmakers pricing													
1	Exchange pricing													
<b>bmoid</b>	<p>Bookmakers bet offer id ( if available ). This can allow for a link back into the bookmakers site/system.</p> <p>Default value="0"</p>													

---

## Price element

```
<offer ...  
<price type="normal" oh="3" od="0" oa="1.364"/>  
</offer>  
<offer ...  
<price type="normal" oh="1.72" od="0" oa="2"/>  
</offer>  
<offer ...  
<price type="normal" oh="2.62" od="0" oa="1.44"/>  
</offer>
```

ATTRIBUTES		DESCRIPTION			
ELEMENTS	oa	Away odds			
	od	Handi cap or Draw odds			
	oh	Home odds			
	type	<table border="1"><thead><tr><th>VALUE</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>normal</td><td></td></tr></tbody></table>	VALUE	DESCRIPTION	normal
VALUE	DESCRIPTION				
normal					

## Example document

This is a simple example of an XML document for Tennis Odds

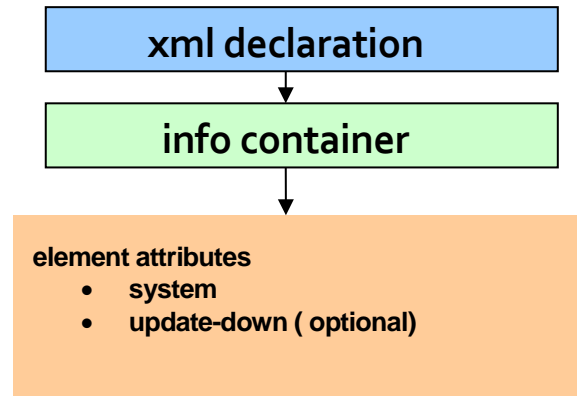
```
<matches time="2012-09-10T05:07:24" timestamp="1347253644">
<match mID="64205" tipex-matchid="2123579" xsid="0" lastupdate="2012-09-09T17:32:08"
Live="true">
<time>2012-09-10T05:00:00</time>
<group id="9517">TENNIS Tashkent Uzbekistan Women</group>
<hteam id="64006">Polina Pekhova</hteam>
<ateam id="6703">Ekaterina Bychkova</ateam>
<bookmaker bid="17" name="ladbrokes">
<offer id="195150" ot="Match betting" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:05:11" market="0" bmoid="0">
<price type="normal" oh="3" od="0" oa="1.364"/>
</offer>
<offer id="195155" ot="Next game winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:06:08" market="0" bmoid="0">
<price type="normal" oh="1.72" od="0" oa="2"/>
</offer>
<offer id="195154" ot="Next set winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:04:57" market="0" bmoid="0">
<price type="normal" oh="2.62" od="0" oa="1.44"/>
</offer>
</bookmaker>
</match>
<match mID="64164" tipex-matchid="2123249" xsid="0" lastupdate="2012-09-09T15:16:30"
Live="true">
<time>2012-09-10T05:00:00</time>
<group id="9517">TENNIS Tashkent Uzbekistan Women</group>
<hteam id="11669">Vlada Ekshibarova</hteam>
<ateam id="42364">Sabina Sharipova</ateam>
<bookmaker bid="17" name="ladbrokes">
<offer id="195152" ot="Current set winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:05:18" market="0" bmoid="0">
<price type="normal" oh="2.5" od="0" oa="1.5"/>
</offer>
<offer id="195100" ot="Match betting" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:05:17" market="0" bmoid="0">
<price type="normal" oh="2.75" od="0" oa="1.4"/>
</offer>
<offer id="195151" ot="Next game winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:05:32" market="0" bmoid="0">
<price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="195153" ot="Next set winner" lineid="1" flags="0" inrunning="1" isturn="0"
last_update="2012-09-10T05:05:18" market="0" bmoid="0">
<price type="normal" oh="2.5" od="0" oa="1.5"/>
</offer>
</bookmaker>
</match>
</matches>
```

---

## System Alerts Webservice

The AHC feed also provides the developer with a simple XML service that provides real-time alerts on the current status of :-

- Overall system status – For example if the system is operating normally, scheduled maintenance information, or is unavailable.
- Bookmakers connection status - For example, should the network connection to a bookmaker be lost temporarily for a specific market or is completely unavailable.



The XML document is made up of the attributes above and these are all comprehensively described below

XML Schema (XSD)

An XML Schema definition file for this webservice is available here

<http://ahc1.tip-ex.com/OddsData/DB/system.xsd>

Web service request

To request current system alerts:-

<b>END POINT</b>	system.asp
<b>USAGE</b>	http://ahc1.tip-ex.com/OddsData/DB/system.asp
<b>Example</b>	http://ahc1.tip-ex.com/OddsData/DB/system.asp?UserID=username&PassID=passwd

The returned XML document is described below

XML Declaration

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



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.

## Live Container

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

```
<?xml version="1.0" encoding="UTF-8" ?>
<info>
  <system grade="0">WELCOME</system>
</info>
```

## Info element

ATTRIBUTES	DESCRIPTION																																										
<b>ELEMENTS</b>	<table border="1"> <thead> <tr> <th>system</th> <th>Overall system status.</th> </tr> </thead> <tbody> <tr> <td></td> <td> <table border="1"> <thead> <tr> <th>ATTRIBUTE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>grade</td> <td>The current system status. One of:-</td> </tr> <tr> <td></td> <td> <table border="1"> <thead> <tr> <th>VALUE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>System is operating normally</td> </tr> <tr> <td>1</td> <td>Scheduled Maintenance advice. 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**PLEASE NOTE: The alerts are active only when shown in the feed**

i.e. for a bookmaker alert once it is no longer shown then it can be assumed that they are operating normally.

### Example alerts document

```
<?xml version="1.0" encoding="UTF-8" ?>
<info>
<update-down Bookies="IBCbet" Market="EARLY" />
<update-down Bookies="sbobet" Market="TODAY" />
<update-down Bookies="sbobet" Market="EARLY MARKET" />
<update-down Bookies="sbb" Market="EARLY MARKET" />
<update-down Bookies="sbobet" Market="IN-RUNNING" />
<update-down Bookies="sb1888" Market="IN-RUNNING" />
<system grade="0">WELCOME</system>
</info>
```

### Example <system> Messages

```
<system grade="1">Dear valued customers, our xml server will be unavailable between (03/18)
07:00 to 08:00 (GMT Time) due to system maintenance. We apologise for any inconvenience
caused.</system>
```

This is a system downtime inform

```
<system grade="2">Dear valued customers, our xml server was unavailable for system
maintenance.We apologise for any inconvenience caused.</system>
```

---

## Appendix 1 – Bookmakers webservice

All current Bookmakers provided by the feed can be found at

<http://ahceur1.txodds.com/OddsData/DB/xmlbookmakers.asp>

Please note that these will change over time, so the information below is just an example and is correct at the time of the document being created only.

```
<Bookies xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347242541"
ServerTime="2012-09-10T02:02:21" RecordCount="9">
<Book>
<ID>1</ID>
<Bookies>ladbrokes</Bookies>
<URL>http://www.easybets.com</URL>
<State>3</State>
<Spread>1</Spread>
<Totals>1</Totals>
<MoneyLine>1</MoneyLine>
</Book>
<Book>
<ID>2</ID>
<Bookies>PinnacleSports</Bookies>
<URL>http://www.PinnacleSports.com</URL>
<State>3</State>
<Spread>1</Spread>
<Totals>1</Totals>
<MoneyLine>1</MoneyLine>
</Book>
<Book>
<ID>3</ID>
<Bookies>sbobet</Bookies>
<URL>http://www.sbobet.com</URL>
<State>3</State>
<Spread>1</Spread>
<Totals>1</Totals>
<MoneyLine>1</MoneyLine>
</Book>
<Book>
<ID>4</ID>
<Bookies>IBCbet</Bookies>
<URL>http://www3.ibc998.com/default.asp?l=en</URL>
<State>3</State>
<Spread>1</Spread>
<Totals>1</Totals>
<MoneyLine>1</MoneyLine>
</Book>
<Book>
<ID>5</ID>
<Bookies>bwin</Bookies>
<URL>http://www.bwin.com</URL>
<State>3</State>
<Spread>1</Spread>
<Totals>1</Totals>
<MoneyLine>1</MoneyLine>
</Book>
<Book>
<ID>6</ID>
<Bookies>WSEX</Bookies>
<URL>http://www.WSEX.com</URL>
<State>3</State>
<Spread>1</Spread>
<Totals>1</Totals>
<MoneyLine>1</MoneyLine>
</Book>
<Book>
<ID>7</ID>
<Bookies>VCBET</Bookies>
<URL>http://www.vcbet.com</URL>
<State>3</State>
<Spread>1</Spread>
<Totals>1</Totals>
<MoneyLine>1</MoneyLine>
</Book>
<Book>
<ID>8</ID>
<Bookies>WILLHILL</Bookies>
<URL>
http://sports.williamhill.com/bet/EN/betting/y/2/Baseball.html
</URL>
<State>3</State>
<Spread>1</Spread>
<Totals>1</Totals>
<MoneyLine>1</MoneyLine>
</Book>
```

```

<Book>
<ID>9</ID>
<Bookies>BetCRIS</Bookies>
<URL>http://www.betcris.com</URL>
<State>3</State>
<Spread>1</Spread>
<Totals>1</Totals>
<MoneyLine>1</MoneyLine>
</Book>
</Bookies>

```

ATTRIBUTES		DESCRIPTION
<b>ELEMENTS</b>	<b>ID</b>	Bookmaker sequence number.
	<b>Bookies</b>	Bookmaker name
	<b>URL</b>	Website URL of this bookmaker
	<b>State</b>	How many odds types supported by this bookmaker. One of 0,1,2,3
	<b>Spread</b>	Whether this bookmaker has Spread odds
	<b>Totals</b>	Whether this bookmaker has Totals odds
	<b>Moneyline</b>	Whether this bookmaker has Moneyline odds

## XML Schema (XSD)

An XML Schema definition file for this webservice is available here

<http://ahceur1.txodds.com/OddsData/DB/xmlbookmakers.xsd>

---

## Appendix 2 –Leagues webservice

All current Leagues and Events available for Tennis can be requested from the leagues webservice

<http://ahc1.tip-ex.com/OddsData/DB/xmlleagues.asp?mgstr=TENNIS>

```
<Leagues xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347242808"
ServerTime="2012-09-10T02:06:48">
<League id="11552">TENNIS BanjaLukaBosnia Herzegovina Challenger</League>
<League id="11551">TENNIS Bolivar Colombia Challenger</League>
<League id="11550">TENNIS Istanbul Turkey Challenger</League>
<League id="11549">TENNIS Ningbo China Challenger</League>
<League id="9518">TENNIS Quebec Canada Women</League>
<League id="11553">TENNIS Roller Open Luxembourg Challenger</League>
<League id="11548">TENNIS Sevilla Spain Challenger</League>
<League id="9517">TENNIS Tashkent Uzbekistan Women</League>
<League id="11554">TENNIS Umbria Italy Challenger</League>
<League id="9170">TENNIS US Open Men</League>
</Leagues>
```

ATTRIBUTES		DESCRIPTION
ELEMENTS	Leagues	League or Event name

### XML Schema (XSD)

An XML Schema definition file for this webservice is available here

<http://ahceur1.txodds.com/OddsData/DB/xmlleagues.xsd>

---

## Document History

Version	Date	Author	Amendments/Comments
3.01	09/09/2012	MFC	New Tennis documentation created
3.02	10/01/13	MFC	Changed all ahc1 entries to ahceur1 Adding filtering section

### 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 3.01 New Features

Initial document creation.

#### Version 3.02 New Features

Updated ahc1.txodds.com references to ahceur1 due to withdrawal of the ahc1.txodds.com server at the end of January 2103.

#### Version 5.00 New Features

Updated front cover branding only