

**TXODDS**

W I N N I N G   D A T A

**TXAPI IN-RUNNING FEED  
BASKETBALL EDITION**

**User Guide**

Document version 5.00

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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 Full-time, First Half and Quarters Moneyline, Spread, Totals, Odds/Even Total goals. 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="1347522636"
ServerTime="2012-09-13T07:50:36">
<Match tipex-matchid="2110759" xsid="0">
<ID>63186</ID>
<MatchTime>2012-09-15T01:00:00</MatchTime>
<Home id="12056">Ceuta</Home>
<Away id="12046">Atenas</Away>
<League id="11497">BA ARG Liga Nacionalde Basquet</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2110840" xsid="0">
<ID>63289</ID>
<MatchTime>2012-10-06T00:30:00</MatchTime>
<Home id="40960">Lanus</Home>
<Away id="12050">Obras Sanitarias</Away>
<League id="11497">BA ARG Liga Nacionalde Basquet</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2110760" xsid="0">
<ID>63187</ID>
<MatchTime>2012-09-15T01:00:00</MatchTime>
<Home id="44428">La Union</Home>
<Away id="12045">Juventud Sionista</Away>
<League id="11497">BA ARG Liga Nacionalde Basquet</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2110761" xsid="0">
<ID>63188</ID>
<MatchTime>2012-09-15T00:30:00</MatchTime>
<Home id="12048">Deportivo Libertad</Home>
<Away id="40959">Ciclista Olimpico</Away>
<League id="11497">BA ARG Liga Nacionalde Basquet</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2110762" xsid="0">
<ID>63189</ID>
<MatchTime>2012-09-17T00:30:00</MatchTime>
<Home id="12048">Deportivo Libertad</Home>
<Away id="12046">Atenas</Away>
<League id="11497">BA ARG Liga Nacionalde Basquet</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"?>
<matches time="2012-09-19T03:35:02" timestamp="1348025702">
  <match mID="63777" tipex-matchid="1862938" xsid="0" lastupdate="2012-09-19T01:44:47"
Live="true">
  <time>2012-09-19T00:00:00</time>
  <group id="9912">WNBA</group>
  <hteam id="5731">SASilver Stars</hteam>
  <ateam id="4963">New York Liberty</ateam>
  <bookmaker bid="17" name="ladbrokes">
    <offer id="221072" ot="FIRST HALF - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T00:36:17" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221278" ot="FIRST HALF - SPREAD" lineid="2" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:15:23" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221073" ot="FIRST HALF - TOTAL GOALS" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T00:36:17" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221279" ot="FIRST HALF - TOTAL GOALS" lineid="2" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:15:25" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221074" ot="FIRST QUARTER - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T00:14:45" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221075" ot="FIRST QUARTER - TOTAL GOALS" lineid="1" flags="0"
inrunning="1" isturn="0" last_update="2012-09-19T00:14:45" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="220229" ot="FULL TIME - MONEY LINE" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:35:55" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="220230" ot="FULL TIME - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:49:05" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="220231" ot="FULL TIME - TOTAL GOALS" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:35:55" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221251" ot="SECOND QUARTER - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T00:36:18" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221252" ot="SECOND QUARTER - TOTAL GOALS" lineid="1" flags="0"
inrunning="1" isturn="0" last_update="2012-09-19T00:36:20" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221280" ot="THIRD QUARTER - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:15:23" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221281" ot="THIRD QUARTER - TOTAL GOALS" lineid="1" flags="0"
inrunning="1" isturn="0" last_update="2012-09-19T01:15:28" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
  </bookmaker>

```

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 NBA only, or all leagues/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 webservices. 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.

---

## Basketball 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=BA">http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?mgstr=BA</a>
<b>Example</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?mgstr=BA&amp;UserID=username&amp;PassID=password">http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?mgstr=BA&amp;UserID=username&amp;PassID=password</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=BA">http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?mgstr=BA</a>
<b>Example</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?mgstr=BA&amp;UserID=username&amp;PassID=password">http://ahceur1.txodds.com/OddsData/DB/xmlfixture.asp?mgstr=BA&amp;UserID=username&amp;PassID=password</a>

As the fixture information constantly updates with new fixtures, starting times are likely to change





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=BA&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=62274`

```
<?xml version="1.0" encoding="UTF-8" ?>
<Fixtures xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347524938"
ServerTime="2012-09-13T08:28:58">
<Match tipex-matchid="2097393" xsid="0">
<ID>62274</ID>
<MatchTime>2012-10-27T00:30:00</MatchTime>
<Home id="1788">DallasMavericks</Home>
<Away id="6341">Bobcats</Away>
<League id="11227">NBA</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>	http://ahceur1.txodds.com/OddsData/DB/xml fixture.asp?MatchID=xxxxxx
<b>Example</b>	http://ahceur1.txodds.com/OddsData/DB/xml fixture.asp?UserID=username&PassID=passwd&MatchID=2097393

### Example 1 – Single match fixtures XML

**Example** http://ahceur1.txodds.com/OddsData/DB/xml fixture.asp?type=0&UserID=username&PassID=passwd&MatchID=2097393

```
<?xml version="1.0" encoding="UTF-8" ?>
<Fixtures xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347524938"
ServerTime="2012-09-13T08:28:58">
<Match tipex-matchid="2097393" xsid="0">
<ID>62274</ID>
<MatchTime>2012-10-27T00:30:00</MatchTime>
<Home id="1788">DallasMavericks</Home>
<Away id="6341">Bobcats</Away>
<League id="11227">NBA</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://ahceur1.tip-ex.com/OddsData/DB/xmlfixture.asp?mgstr=BA&UserID=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="1347524938"
ServerTime="2012-09-13T08:28:58">
<Match tipex-matchid="2097393" xsid="0">
<ID>62274</ID>
<MatchTime>2012-10-27T00:30:00</MatchTime>
<Home id="1788">DallasMavericks</Home>
<Away id="6341">Bobcats</Away>
<League id="11227">NBA</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2097394" xsid="0">
<ID>62275</ID>
<MatchTime>2012-10-27T00:30:00</MatchTime>
<Home id="2914">Spurs</Home>
<Away id="3324">Washington</Away>
<League id="11227">NBA</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2097395" xsid="0">
<ID>62276</ID>
<MatchTime>2012-10-27T02:30:00</MatchTime>
<Home id="2773">Suns</Home>
<Away id="1805">Nuggets</Away>
<League id="11227">NBA</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2097392" xsid="0">
<ID>62273</ID>
<MatchTime>2012-10-27T00:00:00</MatchTime>
<Home id="2554">MilwaukeeBucks</Home>
<Away id="2557">Timberwolves</Away>
<League id="11227">NBA</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2019719" xsid="0">
<ID>61220</ID>
<MatchTime>2012-11-04T23:00:00</MatchTime>
<Home id="3153">Raptors</Home>
<Away id="2557">Timberwolves</Away>
<League id="11227">NBA</League>
<RecRowCount>0</RecRowCount>
</Match>

```

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://ahceur1.tip-ex.com/OddsData/DB/xmlfixtures.asp?UserID=xxx&PassID=yyy&mgstr=BA&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" ?>
<Match tipex-matchid="2019719" xsid="0">
<ID>61220</ID>
<MatchTime>2012-11-04T23:00:00</MatchTime>
<Home id="3153">Raptors</Home>
<Away id="2557">Timberwolves</Away>
<League id="11227">NBA</League>
<RecRowCount>0</RecRowCount>
</Match>
```

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://ahceur1.tip-ex.com/OddsData/DB/xmlerrorfixture.asp?mgstr=BA&UserID=xxx&PassID=yyy>

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" ?>
<Match tipex-matchid="2019719" xsid="0">
<ID>61220</ID>
<MatchTime>2012-11-04T23:00:00</MatchTime>
<Home id="3153">Raptors</Home>
<Away id="2557">Timberwolves</Away>
<League id="11227">NBA</League>
<RecRowCount>0</RecRowCount>
</Match>
```

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

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://ahceur1.tip-ex.com/OddsData/DB/xmlerrorfixtures.asp?mgstr=BA&UserID=xxx&PassID=yyy&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">
```

---

## Basketball 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=BA">http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=BA</a>
<b>Example</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=BA&amp;UserID=username&amp;PassID=password">http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=BA&amp;UserID=username&amp;PassID=password</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=BA">http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=BA</a>
<b>Example</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=BA&amp;UserID=username&amp;PassID=password">http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=BA&amp;UserID=username&amp;PassID=password</a>

#### Example 1 – All Basketball offers

**Example** <http://ahceur1.txodds.com/OddsData/DB/xml.asp?mgstr=BA&userID=username&PassID=password>

```

<?xml version="1.0" encoding="UTF-8"?>
<matches time="2012-09-19T03:35:02" timestamp="1348025702">
  <match mID="63777" tipex-matchid="1862938" xsid="0" lastupdate="2012-09-19T01:44:47"
  Live="true">
    <time>2012-09-19T00:00:00</time>
    <group id="9912">WNBA</group>
    <hteam id="5731">SASilver Stars</hteam>
    <ateam id="4963">New York Liberty</ateam>
    <bookmaker bid="17" name="ladbrokes">
      <offer id="221072" ot="FIRST HALF - SPREAD" lineid="1" flags="0" inrunning="1"
      isturn="0" last_update="2012-09-19T00:36:17" market="0" bmoid="0">
        <price type="normal" oh="0" od="0" oa="0"/>
      </offer>
      <offer id="221278" ot="FIRST HALF - SPREAD" lineid="2" flags="0" inrunning="1"
      isturn="0" last_update="2012-09-19T01:15:23" market="0" bmoid="0">
        <price type="normal" oh="0" od="0" oa="0"/>
      </offer>
      <offer id="221073" ot="FIRST HALF - TOTAL GOALS" lineid="1" flags="0" inrunning="1"
      isturn="0" last_update="2012-09-19T00:36:17" market="0" bmoid="0">
        <price type="normal" oh="0" od="0" oa="0"/>
      </offer>
      <offer id="221279" ot="FIRST HALF - TOTAL GOALS" lineid="2" flags="0" inrunning="1"
      isturn="0" last_update="2012-09-19T01:15:25" market="0" bmoid="0">
        <price type="normal" oh="0" od="0" oa="0"/>
      </offer>
      <offer id="221074" ot="FIRST QUARTER - SPREAD" lineid="1" flags="0" inrunning="1"
      isturn="0" last_update="2012-09-19T00:14:45" market="0" bmoid="0">
        <price type="normal" oh="0" od="0" oa="0"/>
      </offer>
      <offer id="221075" ot="FIRST QUARTER - TOTAL GOALS" lineid="1" flags="0"
      inrunning="1" isturn="0" last_update="2012-09-19T00:14:45" market="0" bmoid="0">
        <price type="normal" oh="0" od="0" oa="0"/>
      </offer>
      <offer id="220229" ot="FULL TIME - MONEY LINE" lineid="1" flags="0" inrunning="1"
      isturn="0" last_update="2012-09-19T01:35:55" market="0" bmoid="0">
        <price type="normal" oh="0" od="0" oa="0"/>
      </offer>
      <offer id="220230" ot="FULL TIME - SPREAD" lineid="1" flags="0" inrunning="1"
      isturn="0" last_update="2012-09-19T01:49:05" market="0" bmoid="0">
        <price type="normal" oh="0" od="0" oa="0"/>
      </offer>
      <offer id="220231" ot="FULL TIME - TOTAL GOALS" lineid="1" flags="0" inrunning="1"
      isturn="0" last_update="2012-09-19T01:35:55" market="0" bmoid="0">
        <price type="normal" oh="0" od="0" oa="0"/>
      </offer>
      <offer id="221251" ot="SECOND QUARTER - SPREAD" lineid="1" flags="0" inrunning="1"
      isturn="0" last_update="2012-09-19T00:36:18" market="0" bmoid="0">
        <price type="normal" oh="0" od="0" oa="0"/>
      </offer>
      <offer id="221252" ot="SECOND QUARTER - TOTAL GOALS" lineid="1" flags="0"
      inrunning="1" isturn="0" last_update="2012-09-19T00:36:20" market="0" bmoid="0">
        <price type="normal" oh="0" od="0" oa="0"/>
      </offer>
      <offer id="221280" ot="THIRD QUARTER - SPREAD" lineid="1" flags="0" inrunning="1"
      isturn="0" last_update="2012-09-19T01:15:23" market="0" bmoid="0">
        <price type="normal" oh="0" od="0" oa="0"/>
      </offer>
      <offer id="221281" ot="THIRD QUARTER - TOTAL GOALS" lineid="1" flags="0"
      inrunning="1" isturn="0" last_update="2012-09-19T01:15:28" market="0" bmoid="0">
        <price type="normal" oh="0" od="0" oa="0"/>
      </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>	http://ahceur1.txodds.com/OddsData/DB/xml.php?mgstr=BA
<b>Example</b>	http://ahceur1.txodds.com/OddsData/DB/xml.php?mgstr=BA&UserID=username&PassID=passwd&last=1347253897

### 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/xml.asp?mgstr=BA&UserID=username&PassID=passwd&last=1347253897

### 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>	&Bookies=name1
<b>Example</b>	http://ahceur1.txodds.com/OddsData/DB/xml.php?mgstr=BA&UserID=username&PassID=passwd&Bookies=Pinnacl 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/event ID
<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://ahceur1.tip-ex.com/OddsData/DB/xml.asp?mgstr=BA&UserID=xxx&PassID=yyy>

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

```

<?xml version="1.0" encoding="UTF-8"?>
<matches time="2012-09-19T03:35:02" timestamp="1348025702">
  <match mID="63777" tipex-matchid="1862938" xsid="0" lastupdate="2012-09-19T01:44:47"
Live="true">
  <time>2012-09-19T00:00:00</time>
  <group id="9912">WNBA</group>
  <hteam id="5731">SASilver Stars</hteam>
  <ateam id="4963">New York Liberty</ateam>
  <bookmaker bid="17" name="ladbrokes">
    <offer id="221072" ot="FIRST HALF - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T00:36:17" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221278" ot="FIRST HALF - SPREAD" lineid="2" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:15:23" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221073" ot="FIRST HALF - TOTAL GOALS" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T00:36:17" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221279" ot="FIRST HALF - TOTAL GOALS" lineid="2" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:15:25" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221074" ot="FIRST QUARTER - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T00:14:45" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221075" ot="FIRST QUARTER - TOTAL GOALS" lineid="1" flags="0"
inrunning="1" isturn="0" last_update="2012-09-19T00:14:45" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="220229" ot="FULL TIME - MONEY LINE" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:35:55" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="220230" ot="FULL TIME - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:49:05" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="220231" ot="FULL TIME - TOTAL GOALS" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:35:55" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221251" ot="SECOND QUARTER - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T00:36:18" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221252" ot="SECOND QUARTER - TOTAL GOALS" lineid="1" flags="0"
inrunning="1" isturn="0" last_update="2012-09-19T00:36:20" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221280" ot="THIRD QUARTER - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:15:23" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="221281" ot="THIRD QUARTER - TOTAL GOALS" lineid="1" flags="0"
inrunning="1" isturn="0" last_update="2012-09-19T01:15:28" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
  </bookmaker>
  <bookmaker bid="83" name="PinnacleSports">
    <offer id="216453" ot="FULL TIME - MONEY LINE" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:48:35" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="216112" ot="FULL TIME - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:56:55" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="216113" ot="FULL TIME - TOTAL GOALS" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:56:56" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
  </bookmaker>
</match>

```

```

<match mID="63779" tipex-matchid="1862939" xsid="0" lastupdate="2012-09-19T01:44:49"
Live="true">
  <time>2012-09-19T02:00:00</time>
  <group id="9912">WNBA</group>
  <hteam id="4973">Seattle Storm</hteam>
  <ateam id="7679">Chicago Sky</ateam>
  <bookmaker bid="365" name="188bet">
    <offer id="217511" ot="FULL TIME - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T03:34:58" market="0" bmoid="0">
      <price type="normal" oh="1.84" od="-16.5" oa="1.86"/>
    </offer>
    <offer id="217513" ot="FULL TIME - TOTAL GOALS" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T03:33:24" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="217514" ot="Total goals - odd or even" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T03:29:32" market="0" bmoid="0">
      <price type="normal" oh="1.94" od="0" oa="1.94"/>
    </offer>
  </bookmaker>
</match>
<match mID="63781" tipex-matchid="1862940" xsid="0" lastupdate="2012-09-19T01:44:49"
Live="true">
  <time>2012-09-19T02:30:00</time>
  <group id="9912">WNBA</group>
  <hteam id="4969">Los Angeles Sparks</hteam>
  <ateam id="4972">Phoenix Mercury</ateam>
  <bookmaker bid="365" name="188bet">
    <offer id="217520" ot="FULL TIME - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T03:33:21" market="0" bmoid="0">
      <price type="normal" oh="2.28" od="-24.5" oa="1.54"/>
    </offer>
    <offer id="217522" ot="FULL TIME - TOTAL GOALS" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T03:32:40" market="0" bmoid="0">
      <price type="normal" oh="1.85" od="177.5" oa="1.81"/>
    </offer>
    <offer id="217524" ot="Total goals - odd or even" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T03:20:59" market="0" bmoid="0">
      <price type="normal" oh="1.94" od="0" oa="1.94"/>
    </offer>
  </bookmaker>
  <bookmaker bid="17" name="ladbrokes">
    <offer id="220232" ot="FULL TIME - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T03:29:14" market="0" bmoid="0">
      <price type="normal" oh="1.85" od="-22.5" oa="1.85"/>
    </offer>
    <offer id="220233" ot="FULL TIME - TOTAL GOALS" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T03:27:31" market="0" bmoid="0">
      <price type="normal" oh="1.85" od="176.5" oa="1.85"/>
    </offer>
  </bookmaker>
<match mID="64282" tipex-matchid="1862947" xsid="0" lastupdate="2012-09-19T01:45:06"
Live="true">
  <time>2012-09-22T02:00:00</time>
  <group id="9912">WNBA</group>
  <hteam id="4973">Seattle Storm</hteam>
  <ateam id="5731">SASilver Stars</ateam>
  <bookmaker bid="83" name="PinnacleSports">
    <offer id="206274" ot="FULL TIME - MONEY LINE" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-15T00:09:05" market="0" bmoid="0">
      <price type="normal" oh="4.87" od="0" oa="1.2"/>
    </offer>
    <offer id="205966" ot="FULL TIME - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-15T00:44:34" market="0" bmoid="0">
      <price type="normal" oh="1.855" od="8.5" oa="2"/>
    </offer>
    <offer id="205967" ot="FULL TIME - TOTAL GOALS" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-15T00:09:05" market="0" bmoid="0">
      <price type="normal" oh="1.909" od="146" oa="1.943"/>
    </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://ahceur1.tip-ex.com/OddsData/DB/xml.asp?mgstr=BA&UserID=xxxx&PassID=yyyy&last=1347255396
```

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 , otherwise just the header with a new timestamp.

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

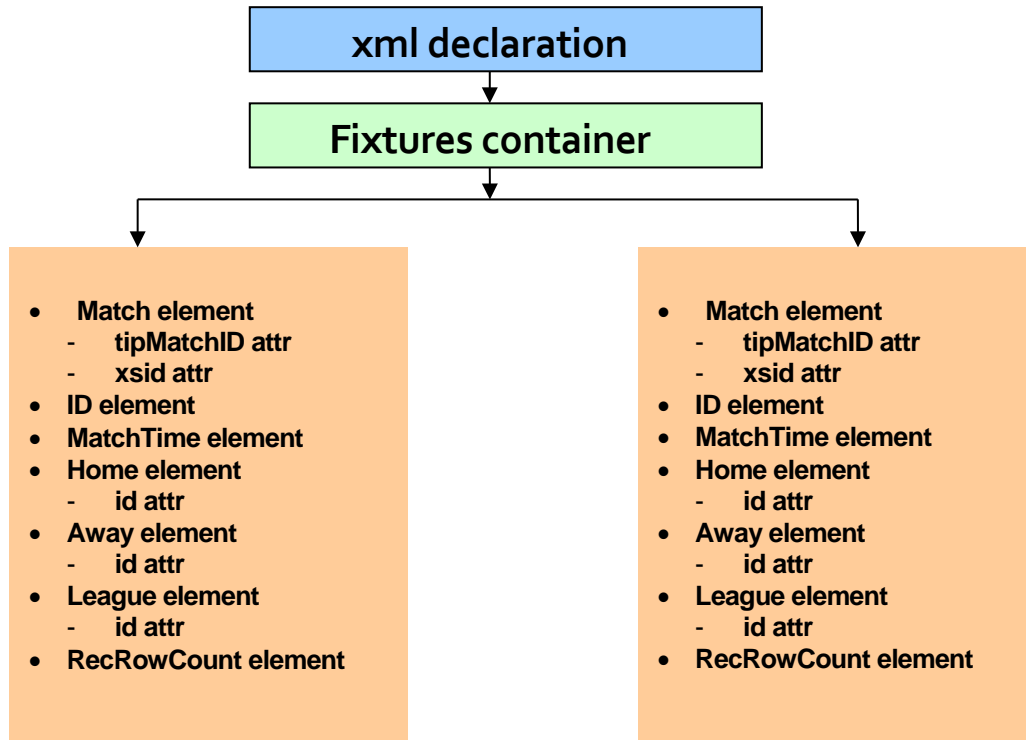
When an offer is OTB/Suspended the value of the "flags=1" attribute will be set. Any offers with this flag set should be assumed to be OTB/Invalid/Not updating.

```
<offer id="216360" ot="4th Quarter - MONEY LINE" lineid="1" flags="1" inrunning="1" isturn="0"
last_update="2012-09-19T01:24:27" market="0" bmoid="0">
  <price type="normal" oh="0" od="0" oa="0"/>
</offer>
```

**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=BA
<b>USAGE</b>	http://ahceur1.txodds.com/OddsData/DB/xml fixture. asp?mgstr=BA

<b>Example</b>	<code>http://ahceur1.txodds.com/OddsData/DB/xml fixture.asp?mgstr=BA&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" TimeStamp="1347244206"
ServerTime="2012-09-10T02:30:06">
<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="2110759" xsid="0">
<ID>63186</ID>
<MatchTime>2012-09-15T01:00:00</MatchTime>
<Home id="12056">Ceuta</Home>
<Away id="12046">Atenas</Away>
<League id="11497">BA ARG Liga Nacionalde Basquet</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

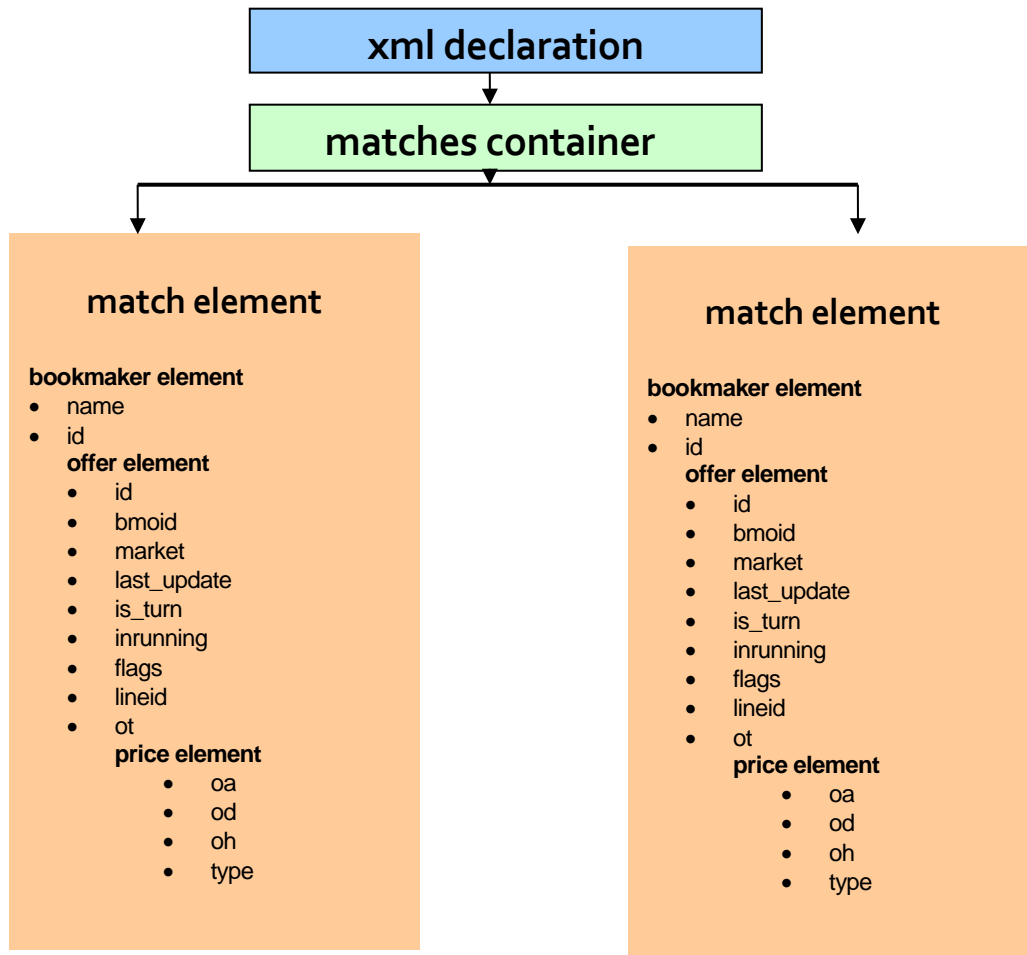
```
<?xml version="1.0" encoding="UTF-8" ?>
<Fixtures xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347526644"
ServerTime="2012-09-13T08:57:24">
<Match tipex-matchid="2110759" xsid="0">
<ID>63186</ID>
<MatchTime>2012-09-15T01:00:00</MatchTime>
<Home id="12056">Ceuta</Home>
<Away id="12046">Atenas</Away>
<League id="11497">BA ARG Liga Nacionalde Basquet</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2110840" xsid="0">
<ID>63289</ID>
<MatchTime>2012-10-06T00:30:00</MatchTime>
<Home id="40960">Lanus</Home>
<Away id="12050">Obras Sanitarias</Away>
<League id="11497">BA ARG Liga Nacionalde Basquet</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2110760" xsid="0">
<ID>63187</ID>
<MatchTime>2012-09-15T01:00:00</MatchTime>
<Home id="44428">La Union</Home>
<Away id="12045">Juventud Sionista</Away>
<League id="11497">BA ARG Liga Nacionalde Basquet</League>
<RecRowCount>0</RecRowCount>
</Match>
<Match tipex-matchid="2110761" xsid="0">
<ID>63188</ID>
<MatchTime>2012-09-15T00:30:00</MatchTime>
<Home id="12048">Deportivo Libertad</Home>
<Away id="40959">Ciclista Olimpico</Away>
<League id="11497">BA ARG Liga Nacionalde Basquet</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=BA
<b>USAGE</b>	http://ahceur1.txodds.com/OddsData/DB/xml . asp?mgstr=BA
<b>Example</b>	<a href="http://ahceur1.txodds.com/OddsData/DB/xml.php?mgstr=BA&amp;UserID=username&amp;PassID=passwd">http://ahceur1.txodds.com/OddsData/DB/xml.php?mgstr=BA&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
?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. 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="2012-09-19T03:35:02" timestamp="1348025702">
  <match mID="63777" tipex-matchid="1862938" xsid="0" lastupdate="2012-09-19T01:44:47"
  Live="true">
    <time>2012-09-19T00:00:00</time>
    <group id="9912">WNBA</group>
    <hteam id="5731">SASilver Stars</hteam>
    <ateam id="4963">New York Liberty</ateam>
  ... other elements
</match>
```

ATTRIBUTES		DESCRIPTION	
xmlns:sql	The XML namespace used for this document		
<b>ELEMENTS</b>	<b>Match</b>	<b>ATTRIBUTE</b>	<b>DESCRIPTION</b>
		<b>mID</b>	The TXODDS match unique id code
		<b>tipex-matchid</b>	The TXODDS Standard feed matchid to allow for cross referencing feeds
		<b>xsid</b>	No longer used
		<b>lastupdate</b>	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	
<b>ATTRIBUTE</b>		<b>DESCRIPTION</b>	
	<b>id</b>	TXODDS group code for the League or event	
<b>hteam</b>	The Home team name		
	<b>ATTRIBUTE</b>	<b>DESCRIPTION</b>	
	<b>id</b>	Home team unique id code	
<b>ateam</b>	The Away team name		
	<b>ATTRIBUTE</b>	<b>DESCRIPTION</b>	
	<b>id</b>	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	<b>bookmaker</b>	The bookmaker element provides details of the specific bookmaker and is the outer container for offers and price quotes  <b>Multiple sub-elements are allowed</b>					
		<table border="1"><thead><tr><th>ATTRIBUTE</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td><b>id</b></td><td>TXODDS bookmaker id</td></tr><tr><td><b>name</b></td><td>The bookmakers name</td></tr></tbody></table>	ATTRIBUTE	DESCRIPTION	<b>id</b>	TXODDS bookmaker id	<b>name</b>
ATTRIBUTE	DESCRIPTION						
<b>id</b>	TXODDS bookmaker id						
<b>name</b>	The bookmakers name						



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

## Offer element

```
<offer id="216290" ot="FULL TIME - MONEY LINE" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:40:26" market="0" bmoid="0">
  <price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="216291" ot="FULL TIME - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:40:26" market="0" bmoid="0">
  <price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="216292" ot="FULL TIME - TOTAL GOALS" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T01:40:27" market="0" bmoid="0">
  <price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="216354" ot="SECOND QUARTER - MONEY LINE" lineid="1" flags="0"
inrunning="1" isturn="0" last_update="2012-09-19T00:34:43" market="0" bmoid="0">
  <price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="216355" ot="SECOND QUARTER - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T00:34:43" market="0" bmoid="0">
  <price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer id="216356" ot="SECOND QUARTER - TOTAL GOALS" lineid="1" flags="0"
inrunning="1" isturn="0" last_update="2012-09-19T00:34:46" market="0" bmoid="0">
  <price type="normal" oh="0" od="0" oa="0"/>
</offer>
```

## ATTRIBUTES

## DESCRIPTION

## ELEMENTS

<b>id</b>	Unique offer id										
<b>ot</b>	<p>The odds type name for this offer</p> <p>For example:</p> <table border="1"> <thead> <tr> <th>VALUE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td><b>FULL TIME - MONEY LINE</b></td> <td>Fulltime 2 Way Moneyline</td> </tr> <tr> <td><b>FULL TIME - SPREAD</b></td> <td>Fulltime spreads</td> </tr> <tr> <td><b>FULL TIME - TOTAL GOALS</b></td> <td>Fulltime Totals</td> </tr> <tr> <td><b>SECOND QUARTER - MONEY LINE</b></td> <td>Quarters odds will be shown with the FIRST/SECOND/THIRD/4<sup>th</sup> Quarter and the odds type i.e. SPREAD, TOTAL, MONEY LINE</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>FULL TIME - MONEY LINE</b>	Fulltime 2 Way Moneyline	<b>FULL TIME - SPREAD</b>	Fulltime spreads	<b>FULL TIME - TOTAL GOALS</b>	Fulltime Totals	<b>SECOND QUARTER - MONEY LINE</b>	Quarters odds will be shown with the FIRST/SECOND/THIRD/4 <sup>th</sup> Quarter and the odds type i.e. SPREAD, TOTAL, MONEY LINE
VALUE	DESCRIPTION										
<b>FULL TIME - MONEY LINE</b>	Fulltime 2 Way Moneyline										
<b>FULL TIME - SPREAD</b>	Fulltime spreads										
<b>FULL TIME - TOTAL GOALS</b>	Fulltime Totals										
<b>SECOND QUARTER - MONEY LINE</b>	Quarters odds will be shown with the FIRST/SECOND/THIRD/4 <sup>th</sup> Quarter and the odds type i.e. SPREAD, TOTAL, MONEY LINE										
<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><b>0</b></td> <td>OTB / Suspended</td> </tr> <tr> <td><b>1</b></td> <td>Valid</td> </tr> </tbody> </table>	VALUE	DESCRIPTION	<b>0</b>	OTB / Suspended	<b>1</b>	Valid				
VALUE	DESCRIPTION										
<b>0</b>	OTB / Suspended										
<b>1</b>	Valid										
<b>inrunning</b>	<table border="1"> <thead> <tr> <th>VALUE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td><b>0</b></td> <td>Pre-game</td> </tr> <tr> <td><b>1</b></td> <td>In-running</td> </tr> </tbody> </table>	VALUE	DESCRIPTION	<b>0</b>	Pre-game	<b>1</b>	In-running				
VALUE	DESCRIPTION										
<b>0</b>	Pre-game										
<b>1</b>	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><b>0</b></td> <td>Bookmakers pricing</td> </tr> <tr> <td><b>1</b></td> <td>Exchange pricing</td> </tr> </tbody> </table>	VALUE	DESCRIPTION	<b>0</b>	Bookmakers pricing	<b>1</b>	Exchange pricing				
VALUE	DESCRIPTION										
<b>0</b>	Bookmakers pricing										
<b>1</b>	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="1.84" od="-16.5" oa="1.86"/>
</offer>
<offer ...
  <price type="normal" oh="0" od="0" oa="0"/>
</offer>
<offer ...
  <price type="normal" oh="1.94" od="0" oa="1.94"/>
</offer>

```

ATTRIBUTES		DESCRIPTION			
<b>ELEMENTS</b>	<b>oa</b>	Away odds			
	<b>od</b>	Handi cap or Draw odds			
	<b>oh</b>	Home odds			
	<b>type</b>	<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 Basketball Odds

```

<?xml version="1.0" encoding="UTF-8"?>
<matches time="2012-09-19T03:35:02" timestamp="1348025702">
<matches time="2012-09-10T05:07:24" timestamp="1347253644">
  <match mID="63779" tipex-matchid="1862939" xsid="0" lastupdate="2012-09-19T01:44:49"
Live="true">
  <time>2012-09-19T02:00:00</time>
  <group id="9912">WNBA</group>
  <hteam id="4973">Seattle Storm</hteam>
  <ateam id="7679">Chicago Sky</ateam>
  <bookmaker bid="365" name="188bet">
    <offer id="217511" ot="FULL TIME - SPREAD" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T03:34:58" market="0" bmoid="0">
      <price type="normal" oh="1.84" od="-16.5" oa="1.86"/>
    </offer>
    <offer id="217513" ot="FULL TIME - TOTAL GOALS" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T03:33:24" market="0" bmoid="0">
      <price type="normal" oh="0" od="0" oa="0"/>
    </offer>
    <offer id="217514" ot="Total goals - odd or even" lineid="1" flags="0" inrunning="1"
isturn="0" last_update="2012-09-19T03:29:32" market="0" bmoid="0">
      <price type="normal" oh="1.94" od="0" oa="1.94"/>
    </offer>
  </bookmaker>
</match>
</matches>

```

---

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

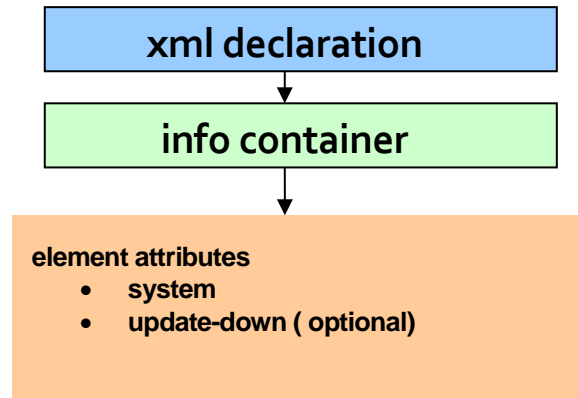


---

## 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://ahceur1.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://ahceur1.tip-ex.com/OddsData/DB/system.asp
<b>Example</b>	http://ahceur1.tip-ex.com/OddsData/DB/system.asp?UserID=username&PassID=password

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. Please see the text of message for relevant times</td> </tr> <tr> <td>2</td> <td>System is down due to technical problems and/or scheduled maintenance</td> </tr> </tbody> </table> </td> </tr> </tbody> </table> </td> </tr> <tr> <td></td> <td> <table border="1"> <thead> <tr> <th>update-down</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td> <table border="1"> <thead> <tr> <th>ATTRIBUTE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>Bookies</td> <td>The name of the bookmaker for which the alert is being generated</td> </tr> <tr> <td>Market</td> <td>The market affected for this bookmaker</td> </tr> <tr> <td></td> <td> <table border="1"> <thead> <tr> <th>VALUE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>TODAY</td> <td>All data for this bookmaker should be considered suspect</td> </tr> <tr> <td>IN-RUNNING</td> <td>All in-running data for this bookmaker is considered suspect</td> </tr> <tr> <td>EARLY</td> <td>Pre-match odds for this bookmaker should be considered suspect.</td> </tr> <tr> <td>FULL</td> <td>All markets are suspect for this</td> </tr> </tbody> </table> </td> </tr> </tbody> </table> </td> </tr> </tbody> </table> </td> </tr> </tbody> </table>	system	Overall system status.		<table border="1"> <thead> <tr> <th>ATTRIBUTE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>grade</td> <td>The current system status. 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	system	Overall system status.																																									
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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 Basketball can be requested from the leagues webservice

<http://ahceur1.tip-ex.com/OddsData/DB/xmlleagues.asp?mgstr=BA,NBA>

```
<Leagues xmlns:sql="urn:schemas-microsoft-com:xml-sql" TimeStamp="1347526951"
ServerTime="2012-09-13T09:02:31">
<League id="11497">BA ARG Liga Nacionalde Basquet</League>
<League id="11080">BA AUS NBL</League>
<League id="11278">BA AUT Bundesliga</League>
<League id="11320">BA BEL Ligue Ethias</League>
<League id="11601">BA BRA NBB Brazil Basketball</League>
<League id="11592">BA DUT Dutch Basketball League</League>
<League id="11079">BA ECUP Adriatic League</League>
<League id="11041">BA ECUP Eurochallenge</League>
<League id="11040">BA ECUP Euroleague</League>
<League id="11449">BA ECUPVTB League</League>
<League id="11164">BA ENG British Basketball League</League>
<League id="11309">BA FRALNB Pro B</League>
<League id="11083">BAFRA Matchdes Champions</League>
<League id="11300">BA FRA Nationale 1</League>
<League id="11081">BA GER Pro A</League>
<League id="11082">BA GER Pro B</League>
<League id="11313">BA ITA Lega A</League>
<League id="11368">BA ITA Leg A Due</League>
<League id="11582">BA LTU Lietuvos Krepsinio Lyga</League>
<League id="11191">BA NOR BLNO</League>
<League id="11400">BA POL Ekstraliga</League>
<League id="11321">BA PORLPB</League>
<League id="11299">BA SLO Liga Telemach</League>
<League id="11296">BA SPA ACB</League>
<League id="11061">BA SWE Ligan</League>
<League id="11227">NBA</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	02/10/2012	MFC	New Basketball documentation created
3.02	07/12/2013	MFC	Changed ahc1 entries to ahceur1 server Add 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

The ahc1 server is being withdrawn from service from the end of January 2013. The new server for European access is ahceur1.txodds.com

Request filters have been added to ensure the stability of the platform and mitigate over enthusiastic errant requests being made.

#### Version 5.00 New Features

Updated front cover branding only