ToteLink™ Enhanced Services

v4.31.00.xxx

Specification

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# Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Produced By | Notes |
| 429.01.239 | 5/30/2017 | Majid Moshirian | Added CDM information to configuration, Alert, GetCDMInfo, CoinTransaction to transaction and CDM request and response.  The Recycler was rename to Box in BAM request/response |
| 429.01.241 | 7/10/2017 | Majid MoshirIAN | Added Disabled to the GetBAMInfo and GetCDMInfo |
| 429.01.01.03 | 7/21/2017 | Majid Moshirian | Fixed the bill/bills to coin/coins (bug report). Account Inquiry shouldn’t report on Bill and Coin (Removed, Based on modification on web document). |
| 429.00.01.04 | 8/22/2017 | Majid Moshirian | Adding new error messages. |
| 429.00.01.04 | 8/22/2-17 | Majid Moshirian | AccountGroupId is not being used by tote in AddAccount request. |
| 429.00.01.06 | 5/9/2018 | Majid Moshirian | Account information is required when reference id is used during InquireTicket or AccountInquiry. Money was added for Kiosk. |
| 429.00.01.06 | 5/28/2018 | Majid Moshirian | AccountInquiry will be used only for Coin and Bill.  InquireTicket requires Ticket Number.  AccountReview will be limited to 100 Max transaction return. Default will be match transaction. |
| 429.00.01.06 | 7/27/2018 | Mark Johnson | Added high volume warnings to some requests.  Incorporated ToteLink™ Update Specification rev v426.01.56 into this document.  Added “Acceptable Usage” Section, added tables for expected usage of Update notifications.  Merged with ToteLink™ Update Service specification. |
| 430.00.01.01 | 8/22/18 | Mark Johnson  Majid Moshirian | Truncated revision history for this document, keeping only v429 change history.  Updated for v430 ToteLink™: Put back the inquire transaction id.  Corrected AccountInquiry response for Bill and Coin transactions.  Corrected CoinMoves / CoinMove spelling issues.  Updated Acceptable Usage language.  PayAccount removed from document. |
| 431.00.00.01 | 11/30/18 | Majid Moshirian | Added Password Element to Configuration.  Added Validation to Configuration Required element.  Added Charity Element to Configuration.  Added Suggested Element to Configuration.  Added {Account} and {Authentication}, generalizing all messages.  Use Password for additional authentication.  Added Donation Summary Element to Summary Response.  Added Charity element to the Account LogOn response.  Added Days to Add/Update account.  Added NewPassword to AccountUpdate.  Added donation Request/Response  Added AutoDonate and DonateDays to Account LogOn Response and Account LogOff Request.  EventNumber was added to update service (Update/Status). This is being used internally. |
| 431.00.00.02 | 1/9/2019 | Majid Moshirian | Temporary PIN and Password were added to Add/Update account. They are also added to the Account query.  PasswordExpired is added to Account Query response. |
| 431.00.00.02 | 1/10/2019 | Mark Johnson | Added “Reason” to Account Query response (document change only).  Fixed references to sub-chapters within “Common Elements” |
| 431.00.00.03 | 1/16/2019 | Majid Moshirian | Added Validation to account Update/Add Request.  Added Deleted to the Delete account response.  Added Reason to the Enable Account Response. |
| 431.00.00.04 | 1/18/2019 | Majid Moshirian | Removed Reason from Enable Account. Changed the Disabled attribute to Boolean in web tote part. |
| 431.00.00.05 | 1/24/2019 | Majid Moshirian | Bug fixes.  Revised “Determing Ticket Payoff” within the Acceptable Usage chapter.  Added Chapter “Pools” to Common Elements: Pool numbers and descriptions.  Added “Deprecation Schedule”to highlight customer action items before next major release |
| 431.00.01.08 | 4/5/2019 | Majid Moshirian | Tote Errors Descriptions removed. Refer to Tote Document error table. |

# Overview

This document describes the available operations and associated data types for ToteLink™ Enhanced Services and ToteLink™ Update Services. This document cannot be redistributed without permission.

# Depreciation Schedule

United Tote reserves the right to change requests, responses, or services, we will provide backwards compatibility for at least one version. During this version both the old method and the new method (if applicable) will be available. The following version will remove the old methods.

|  |  |  |  |
| --- | --- | --- | --- |
| V431 Item | Description | Migration Path | V432 Action to be taken |
| SystemId and SourceId | ToteLink will be changing how we identify requests. The <Source> element SecurityKey attribute will replace the usage of a SystemID and SourceID on each request. | ToteLink V431 provides both the SystemId and SourceId method and the new SecurityKey method. Customers should move their apps to use the SecurityKey. Customers can obtain their SecurityKey value from United Tote. | SystemId and SourceId will be removed from every request. Customers will be required to use the SecurityKey in each request. |
| Temporary PINs and Passwords | Accounts are currently allowed to use PINs & passwords while they are temporary. Beginning in v432 Tote system, temporary PINs or Passwords must be changed before an account may perform an action requiring a PIN or password. | ToteLink customers will be required to handle errors that result from using a temporary PIN or Password and prompt end users to change them. To see these errors, you must work with United Tote to configure your test environment to enforce temporary PINs or passwords.  ToteLink V431 provides the ability to query if an account has a temporary PIN or Password.  Changing the PIN or Password with an AccountUpdateRequest will clear the temporary status. Sources that have elevated “Admin” privilege will be allowed to change a PIN or password and make it temporary (for use on customer service portals). | Using an account with a temporary PIN or Password will result in an error until the PIN or Password is reset. |
| Account Password & Validation Attributes | In V430 There was a “Password” attribute on the AccountUpdateRequest, This field is now known as “Validation”. It is only used with teller operated call centers, where the teller checks the value of “Validation” verbally with the patron to confirm they own the account.  V431 Tote & ToteLink support the ability to authenticate an account with a password, in addition to the PIN. A PIN is still required, a password is optional. Password rules for each account group you application has access to are provided as part of the configuration response. Make sure your application is aware of the account’s group and lookup the appropriate rule set for your account group. | We are transitioning the old v430 “password” field to “Validation” in v431. In V431, The Tote & ToteLink will continue to accept “Password” OR “Validation” to populate the “Validation” (verbal confirmation for telebet) field. If you used this field your app needs to transition to “Validation” instead of “Password”.  If you want to begin using an account password for authentication instead of a PIN in ToteLink requests, you may set a Password using the “Password” field, but you must also send along the “Validation” field so the system knows you aren’t trying to set the value of the Validation field. | “Password” will no longer populate the “Validation” field. Your app must use the “Validation” field to set the value. |
| Accounts used with AccountInquiry & TicketInquiry | V431 Tote no longer uses accounts provided.  “ReferenceId” , “Money”, or Ticket number are all that are required in the request. | Tote & ToteLink will ignore accounts, pins, and passwords if they are provided. | ToteLink will remove these fields from the request. |

# Acceptable Usage

Applications built using ToteLink™ are required to adhere to the acceptable usage statements found throughout this specification. These are provided to ensure optimal performance of ToteLink™ as well as the applications built against it.

By using ToteLink™, you acknowledge that you have read the Acceptable Usage specifications set forth herein and agree to all the Acceptable Usage specifications. United Tote reserves the right to disallow any inappropriate usage of ToteLink™.

## High Volume Usage

Some requests are not approved for use in high volume. Such requests may not have been fully vetted for use by “batch” wagering customers especially on industry-wide high volume days (e.g. the Triple Crown and Breeders’ Cup). Please contact United Tote for approval before using these functions.

Bulk wager requests during the remaining seconds of a scheduled post time should be divided equally across the last 5 seconds and are not to exceed 1,000 ticket requests per second.

## Use Update Push Notifications

The use of push notifications allows your app to cache data and only expire the cache when the ToteLink™ system informs your application that certain levels of information have been changed. This allows your application to know when it is appropriate to ask for new data and to continue to cache it until it expires again. This reduces requests into ToteLink™ and improves the performance of applications built using ToteLink™.

See section 5.4 for guidance on when to expire cache and request new information from ToteLink™.

## System Availability and Request Recovery

### Determining System Availability

#### ToteLink™

ToteLink™ Applications should utilize the GetToteStatus request to determine status of ToteLink™ and the Tote system. This request should be made once every 10 seconds when other requests are timing out. All other requests should be stopped until the system is available again. When the system is available, limit the number of outstanding requests to 5 requests until the queue drops and responses are timely.

Consult United Tote’s support team to determine the appropriate timeout values for your application. The ToteLink™ service’s timeouts are configurable based on the hosting environment. You need to ensure that your application’s timeout counter is configured to be longer than ToteLink™’s timeout counter plus overhead for message processing by ToteLink™. This will ensure your application will receive a response from ToteLink™ under a timeout scenario, provided network connectivity to ToteLink™ is available.

#### ToteLink™ Update Service

ToteLink™ Update Service will send a Status notification with an action of “Keepalive” when no other notifications need to be sent. It will include the status of the Tote system (Up or Down). In the event your application does not receive a keepalive there may be a communications break or system issue preventing your application from getting notifications. Contact United Tote’s support team.

### Recovery

It is recommended that Ticket and Transaction requests be submitted with a ReferenceId. This is a string generated by and is unique to your application. In the event your application never receives a response to a request, utilize The InquireTicket or AccountInquiry request along with this ReferenceId to determine if the request was successful or not. When the system is available, limit the number of outstanding requests to 5 requests until the queue drops and responses are timely. In the event the request was not initially successful you may resubmit the request.

## Utilize a Cache

Data requested frequently by your users should be cached by your application. Allow your cache to be expired based on appropriate use of ToteLink™ Update Service push notifications or conservative polling practices to determine the data has changed from ToteLink™.

This should be applied to account history. Users will want to frequently review their wager history and that data should be cached by your application. ToteLink™’s AccountReview request allows you to request up to 100 transactions per-request and each response contains a transaction ID that allows you to maintain the position in history (using the “Last” attribute) so you can ensure you always get transactions from the last time your application requested history for a specific account.

## Efficiently Manage Event Data

The Program Service allows your application to progressively gain detailed information about events and races. This practice should be followed to maintain acceptable service levels. Your application should be structured to only request event data as it is needed. The ToteLink™ Update Service push notifications can quickly inform your application if a specific event or race change has occurred, but first generally your program should request data narrowly and expand to more detail if needed by your users.

1. Perform a GetEvents. This will provide your application with enough data to display the available events that can be wagered, basic information about the events including how many races.
2. When needed, perform a GetEventDetail for a specific event to gain detailed pool, runner and program information.
3. Utilize Race and Event specific queries for changes. Don’t systematically make requests for all events and all races.

## Determining Ticket Payoff

Your application should utilize the tote system’s Cashed Tickets XML file push to resolve the payoff of tickets. This file can be generated as each race goes official and will contain all of the cashed tickets for each account in the group. Contact United Tote to have this file sent to your system.

## Timely and Efficient Updates of Odds, Probables, and WillPays

Odds and Probables are updated at frequencies (cycles) defined by the host of the event. This could be the local tote system connected to ToteLink™ or a remote system connected as a wagering source to the event. Willpays are typically calculated once after the second to last leg of the pool is final and are only changed if regional pricing rules require them to.

As a client of ToteLink™, it is strongly preferred that you use ToteLink™ Update Service to be informed of odds, probable, and willpay updates immediately. The notifications will direct your application to the specific event, race and pool that needs to be requested. If your application does not utilize push notifications your application should perform GetMatrix (odds and probables) or GetWillpays at a rate of 1 request a minute. Keep in mind that live odds and probables are only provided on races where the “Odds” Boolean is true within the GetRace response.

## Account Balance Management

Each request against an account that can impact an account’s balance (such as the Wager service, and Transaction service) will return the accounts ending balance inside the response. The AccountReview response also returns the account’s current balance. Your application should use these to quickly update the account balance shown to the user.

In addition, the AccountLogOn response will not only contain the current balance of the account, it will also inform your application if there are any pending tickets (uncashed tickets on final races) or pending exchanges (unsold second-half exchange wagers).

## Avoid Code Changes near major events

Code changes should be avoided beginning 30 days before Triple Crown events and the Breeders’ Cup. If a code change is absolutely necessary during these windows, United Tote’s written approval is required.

# ToteLink™ Update Service

## Introduction

ToteLink™ Update is a WCF Client Service which is added to ToteLink™ Host Services. One of the ToteLink™ Update responsibilities is to push the Tote Changes to the ToteLink™’s Customers (Subscribers). There are two kinds of data changes will be provided by this addition: Tote System Status Changes and Tote System Updates.

Note: At this time the communication between ToteLink™ and Customers (Subscribers) is based on WCF Service. Each subscriber should host a WCF Update Service or equivalence to WCF Update Service.

## Status Changes

Status Changes will provide the changes to a Tote System, an event, or a race. Subscriber will write its own business logic to process these changes. Keepalive is a status change message but the some attributes are defined differently.

*Review the Acceptable Usage section: 4.3 System Availability and Request Recovery for information about how Keep Alive messages are intended to be used.*

|  |  |  |  |
| --- | --- | --- | --- |
| SiteId | String[3] | Required | Site Id  In case of keepalive action this field will be comma separator string of site ids (e.g CHD,POR) and will not be limited to 3 characters. |
| RunId | String | Required | Run number |
| MessageTime | DateTime | Required | The time at which the tote system create the message. |
| TransactionTime | DateTime | Required | The time at which the tote system sent the message to Update |
| EventId | String | Optional | ITSP Event Id for current events, otherwise system Id.  In case of keepalive this is empty.  In Case of keepalive this indicates of Tote System availability for each given site which defined in SiteId. This is comma separator. The value is “up” and “down”. Down means the Tote System is not connected from the site to the ToteLink™ Application and up means the Tote System is connected from the site to the ToteLink™.  (eg. up,down) |
| RaceId | Integer | Optional | Event Race Number  In case of keepalive this is empty |
| Source | String[6] | Optional | Source (Terminal) name.  In Case of keepalive this indicates of update availability for each given site which defined in SiteId. This is comma separator. The value is “up” and “down”. Down means the update is not push from the site (Tote) to the Update Service Application and up means the update information is being pushed to the application from the site (Tote).  (eg. up,down) |
| Action | String[10] | Required | “open” =race/terminal is open for wagering  “closed” =race/terminal is closed for wagering  “final” =race is final, prices available  “post” =race is post, no new wagers accepted  “cancelled” =race is cancelled and closed to wagering  “locked” =race is locked, no cancels accepted  “uncancel” =race is uncancelled and may be open for wagering  “unofficial” =race is not official and no cashing allowed  “begin” =race is open for wagering and is the current race  “end” =system is cleaning up  “done” =event is done  “stop” =system is terminating  “start” =system is starting  “reset”=reset or initiate MTP for race or terminal is reset  “deactivate”=terminal is devactivated  “add”= event added  “keepalive”= sent every 45 seconds (by default, can be changed in the service configuration) to keep the communication alive if there is no activity within the time frame. |
| Status | String[10] | Optional | “open” Race Status as result of Action.  “closed”  “final”  “post”  “cancelled”  In case of keepalive this is a comma separated status for each Source in SourceIds. Status will be ”closed”,”open”,”unknow”.  closed Source is closed.  open source is open.  unkown ToteLink™ can not determine the status of a source. |
| MTP | Long | Optional | Minutes to post on reset. |
| SourceIds | String | Optional | This is all ToteLink™’s Customer sources for this status change.  Each source will be separated by a comma.  In case of keepalive this will be collection of source(s) for each site. The collection will be separated by semicolumn.  Eg CHD001,CHD002 ;POR001,POR002 |
| EventNumber | String | Optional | Tote system event number which it should only be used internally. |

## Updates

Updates will notify the subscribers that there is Odds, Event, Race, or Source update. Subscriber is responsible to request for new Odds, Event, Race, or Configuration information.

Please note, an Update type of “Odds” reflects that the WIN pool odds have been updated and is not an indication that other pools have been updated.

|  |  |  |  |
| --- | --- | --- | --- |
| SiteId | String[3] | Required | Site Id |
| RunId | String | Required | Run number |
| MessageTime | DateTime | Required | The time at which the tote system create the message. |
| TransactionTime | DateTime | Required | The time at which the tote system sent the message to Update. |
| Type | String[10] | Required | “Event”  “Race”  “Odds” (Indicates that WIN pool odds are updated)  “Source” (Terminal)  “Broadcast” |
| Data | String[20] | Optional | “Track”\* Describes Broadcasted data.  “Group”\* \* indicates data has multiple components  “Surcharge”  “System”  “Program”  “Guide”  “Willpays” |
| Section | String[20] | Optional | “Message” Describe Data,  “Minimum” If Data has multiple components  “Maximum”  “Restriction”  “Terminal”  “Facility”  “Pools”  “Tax”  “Key”  “Exclusion”  “Surcharge” |
| Group | String[3] | Optional | Group Id for Data “Group” |
| Track | String[3] | Optional | Track Id for Data “Track” or “Event” |
| Post | Bool | Optional | Indicates race is at post for Data “Race” |
| EventId | String | Optional | ITSP Event Id for current events, otherwise system Id |
| RaceId | Integer | Optional | Event Race Number |
| Source | String[6] | Optional | Source (Terminal) name |
| SourceIds | String | Optional | Comma separator of all ToteLink™’s Customer sources for this update. |
| TrackCode | String | Optional | Track Code during Track Broadcast or “Event” |
| EventNumber | String | Optional | Tote system event number which it should only be used internally. |

## Usage

This section describes how applications should react to update notifications.

### Status

These notifications are used to convey a state change for a Tote System, Event, Race, or Terminal.

#### Action

The following table describes the client usage of an Action within a status change notification. Actions are taken on either an Event, a specific Race (which will include an Event for reference), or are directed to a specific terminal.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Action | Event | Race (Event) | Terminal | System |
| Open |  | Make race available for wagering | Terminal/Source is open for use |  |
| Closed |  | Make race unavailable for wagering or cancels. | Terminal/Source is closed for use. Immediately end any active sessions and take the application out of service. No further requests against the source are accepted. |  |
| Deactivate |  |  | Terminal/Source is closed for use. Immediately end any active sessions and take the application out of service. No further requests against the source are accepted. |  |
| Final |  | Race is final and prices are available. Optionally add the race to a list of races for which prices are available.  Do not attempt to request prices unless the race is made final. |  |  |
| Post |  | Immediately halt any wager attempts on the race. Any wagers submitted after this status will be rejected. If race was Final, purge any cached prices as they are now no longer valid and may be changed. |  |  |
| Cancelled |  | Race is cancelled, no further wagering is allowed. |  |  |
| Locked |  | Immediately halt any wager attempts on the race. Any wagers submitted after this status will be rejected. |  |  |
| Uncancel |  | Cancelled status of a race is removed. Disposition of race is conveyed using the “Status” attribute. |  |  |
| Unofficial |  | No ticket cashing is allowed on the race. |  |  |
| Begin |  | Make race available for wagering, race is also the “current” race. Being the “current” race implies that this is the next race that will run on the event (not all events run their races sequentially). |  |  |
| Reset |  | Reset the race’s Minutes to Post (“MTP” Attribute contains value of Minutes to Post). |  |  |
| Done | Remove event from wagering interfaces, there are no other wagering opportunities in this event. It should still be available to other non-wagering interaction. |  |  |  |
| Add | A new event has been added to the tote system. This *may* change a source’s available events. Perform a GetEvents request to update event list. |  |  |  |
| Start |  |  |  | Tote System is Starting Up. |
| Stop |  |  |  | Tote System is Terminating. The tote system is no longer accepting incoming requests. No further requests should be made until a “Start” notification is made. |
| End |  |  |  | Tote System is cleaning up. The business day (Run) is finished. Client should purge all Event information and prepare for a new business day. |
| Initialize |  |  |  | Tote system is initialized. Once terminal is open, communications can begin. |
| Keepalive | This is generated by ToteLink™ as a means to determine ToteLink™ to Client notification heartbeat. |

#### Status

The following table describes the client usage of a “Status” attribute that accompanies a Race based “Action”.

|  |  |
| --- | --- |
| Status | Client Usage |
| Open | Race is available for wagering |
| Closed | Race is unavailable for wagering or cancels. |
| Final | Race is final, prices are now available. Wagering is not available. |
| Post | Immediately halt any wager attempts on the race. Wagering is not available. Any wagers submitted after this status will be rejected. |
| Cancelled | Race is unavailable for wagering. Cancels are permitted. |

### Update

#### Types

|  |  |
| --- | --- |
| Type | Client Usage |
| Event | Event specific information has changed. If the event is used by the client perform a GetEventDetail request with the specified Event ID (“Event”) and all options off. |
| Race | Race specific information has been updated, perform a GetRace request with both the specified Event ID (“Event”) and Race number (“Race”) |
| Odds | The odds for a specified “Event” and “Race” have been updated. Perform a GetMatrix request for just the WIN pool. |
| Terminal | Terminal/Source configuration has been updated. Clear Cache for the terminal/source group. |
| Broadcast | Client usage will be based upon the specified Data (and optional “Section”) attribute. Refer to the “Broadcast” table. |

#### Broadcast

|  |  |  |
| --- | --- | --- |
| Data | Section | Client Usage |
| Track | *n/a* | Base Track configuration changed. No current usage by client. |
| Pools | Track Pool configuration changed. This can include wager calculation parameters used by the client. Clear any cached event/race information based on matching TrackCode. |
| Group | *n/a* | Base Group Configuration changed. Perform a GetConfiguration request to update all parameters. |
| Message | Changes made to the Group Message configuration. This includes attract screen blurb messages, ticket advertisements, etc. Perform a GetConfiguration request to update all parameters. |
| Minimum | Changes made to the Group Minimum configuration. Purge any cached Event Pool information as minimums on any event may have changed. |
| Restriction | Group Restrictions have changed. This may cause whole Events, single races, or one or more pools to be added or removed from Event data. All event and race information should be nullified. Perform a GetEvents request with the “Races” attribute set to ‘true’. |
| Terminal | Group Terminal configuration parameters have changed. This can change many areas of a source’s configuration. Perform a GetConfiguration request to update all parameters. |
| Facility | Group Facility configuration parameters have changed. This can impact references to ticket logos and off-site URLs. Perform a GetConfiguration request to update all parameters. |
| Pools | Changes made to the Group Pool configuration. Expire any cached Event Pool information as pool options and available modifiers on any event may have changed. |
| Tax | No current usage by client. |
| Key | Group Key configuration has changed, resulting in a change of a pool’s ID code. All event and race information should be nullified. Perform a GetEvents request with the “Races” attribute set to ‘true’. |
| Exclusion | No current usage by client. |
| Surcharge | No current usage by client. |
| Surcharge | *n/a* | No current usage by client. |
| System | *n/a* | System configuration parameters have changed. Perform a GetConfiguration request to update all parameters. |
| Program | *n/a* | An Event’s Program information has been updated. If program information is used, perform a GetRace request with the specified Event ID (“Event”) and Race number (“Race”) |
| Guide | *n/a* | The TV channel guide data has been changed. If Channel guide information is used, perform a GetConfiguration request. |
| Willpays | *n/a* | An Event’s Willpays have been updated. If willpays are used, perform a GetWillpays request with the specified Event ID (“Event”) and Race number (“Race”) |

## Subscriber Responsibilities

Each subscriber should implement a WCF Service called “UpdateService” or equivalence to WCF Service. Update Service will provide two methods StatusNotification and UpdateNotification. This service also uses StatusUpdate and Update Data structure for its DataContract.

Subscriber’s information (Site, Source, Address, Binding name) shoule be provided by the United Tote and Subscriber. Subscriber should provide the correct addresses of their service (e.g “HTTP://Server-address/UpdateService”) and United Tote Personnel should entered these information into the ToteLink™ Database file using Subscriber.exe application.

### StatusNotification

This method is a one way void method which takes the UpdateStatus Data Structure as its request parameter.

### UpdateNotification

This method is a one way void method which takes the Update Data Structure as its request parameter.

## Example Code

### Update Host Service Example

This is a c# example of Update Host Service using .net 3.5. The binding is set to TCP but you may use BASIC HTTP binding as well as others.

using System;

using System.ServiceModel;

using System.Windows.Forms;

using System.Diagnostics;

using System.Threading;

using Host;

namespace MyNamespace

{

[ServiceContract]

public interface IUpdateService

{

[OperationContract(IsOneWay = true)]

void StatusNotification(

[MessageParameter(Name = "StatusChange")]

StatusChange request);

[OperationContract(IsOneWay = true)]

void UpdateNotification(

[MessageParameter(Name = "Updates")]

Updates request);

}

[ServiceBehavior(InstanceContextMode = InstanceContextMode.PerCall)]

public class UpdateService : IUpdateService, IDisposable

{

public UpdateService() { }

public void Dispose()

{

// MessageBox.Show("Thread ID = " + Thread.CurrentThread.ManagedThreadId, "MyService.Dispose()");

}

#region IUpdateService Members

public void StatusNotification(StatusChange request)

{

// replace this with a call to your business logic

MessageBox.Show(string.Concat("Status Change: ", request.Action));

}

public void UpdateNotification(Updates request)

{

// replace this with a call to your business logic

MessageBox.Show(string.Concat("Updates ", request.Type));

}

#endregion

}

}

Here are the data structures:

using System;

using System.Collections.Generic;

using System.Text;

using System.Runtime.Serialization;

[DataContract(Namespace="http://schema.unitedtote.com/ToteLink/2008/06/PubSub")]

public class StatusChange

{

[DataMember(IsRequired = true, Order = 10)]

public string SiteId { get; set; }

[DataMember(IsRequired = true, Order = 20)]

public string RunId { get; set; }

[DataMember(IsRequired = true, Order = 30)]

public DateTime MessageTime { get; set; }

[DataMember(IsRequired = true, Order = 40)]

public DateTime TransactionTime { get; set; }

[DataMember(IsRequired = true, Order = 45)]

public string Action { get; set; }

[DataMember(EmitDefaultValue = false, Order = 50)]

public string EventId { get; set; }

[DataMember(EmitDefaultValue = false, Order = 60)]

public int? RaceId { get; set; }

[DataMember(EmitDefaultValue = false, Order = 65)]

public string Source { get; set; }

[DataMember(EmitDefaultValue = false, Order = 75)]

public string Status { get; set; }

[DataMember(EmitDefaultValue = false, Order = 78)]

public long? MTP { get; set; }

[DataMember(EmitDefaultValue = false, Order = 90)]

public string SourceIds { get; set; }

}

[DataContract(Namespace="http://schema.unitedtote.com/ToteLink/2008/06/PubSub")]

public class Updates

{

[DataMember(IsRequired = true, Order = 10)]

public string SiteId { get; set; }

[DataMember(IsRequired = true, Order = 20)]

public string RunId { get; set; }

[DataMember(IsRequired = true, Order = 30)]

public DateTime MessageTime { get; set; }

[DataMember(IsRequired = true, Order = 40)]

public DateTime TransactionTime { get; set; }

[DataMember(IsRequired = true, Order = 50)]

public string Type { get; set; }

[DataMember(EmitDefaultValue = false, Order = 52)]

public string Data { get; set; }

[DataMember(EmitDefaultValue = false, Order = 54)]

public string Section { get; set; }

[DataMember(EmitDefaultValue = false, Order = 56)]

public string Group { get; set; }

[DataMember(EmitDefaultValue = false, Order = 56)]

public string Track { get; set; }

[DataMember(EmitDefaultValue = false, Order = 58)]

public bool Post { get; set; }

[DataMember(EmitDefaultValue = false, Order = 60)]

public string EventId { get; set; }

[DataMember(EmitDefaultValue = false, Order = 70)]

public int? RaceId { get; set; }

[DataMember(EmitDefaultValue = false, Order = 80)]

public string Source { get; set; }

[DataMember(EmitDefaultValue = false, Order = 90)]

public string SourceIds { get; set; }

[DataMember(EmitDefaultValue = false, Order = 95)]

public string TrackCode { get; set; }

}

Here is host configuration file:

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

<configuration>

<system.serviceModel>

<services>

<service name="MyNamespace.UpdateService">

<endpoint address="http://LocalHost/UpdateService" binding="basicHttpBinding"

bindingConfiguration="Subscriber-BASIC" contract="MyNamespace.IUpdateService" />

</service>

</services>

<bindings>

<binding name="Subscriber-BASIC" maxReceivedMessageSize="4096" maxBufferPoolSize="524288">

<readerQuotas maxDepth="32" maxStringContentLength="8192" maxArrayLength="16384" maxBytesPerRead="4096" maxNameTableCharCount="16384" />

<security mode="None" />

</binding>

</bindings>

</system.serviceModel>

</configuration>

### WSDL Example

Here is an example of Update Service WSDL.

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

[<wsdl:definitions name="**UpdateService**" xmlns:wsam="**http://www.w3.org/2007/05/addressing/metadata**" xmlns:wsa10="**http://www.w3.org/2005/08/addressing**" xmlns:wsp="**http://schemas.xmlsoap.org/ws/2004/09/policy**" xmlns:msc="**http://schemas.microsoft.com/ws/2005/12/wsdl/contract**" xmlns:wsaw="**http://www.w3.org/2006/05/addressing/wsdl**" xmlns:wsap="**http://schemas.xmlsoap.org/ws/2004/08/addressing/policy**" xmlns:wsx="**http://schemas.xmlsoap.org/ws/2004/09/mex**" xmlns:wsa="**http://schemas.xmlsoap.org/ws/2004/08/addressing**" xmlns:tns="**http://tempuri.org/**" xmlns:soap12="**http://schemas.xmlsoap.org/wsdl/soap12/**" xmlns:soap="**http://schemas.xmlsoap.org/wsdl/soap/**" xmlns:wsu="**http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd**" xmlns:soapenc="**http://schemas.xmlsoap.org/soap/encoding/**" xmlns:xsd="**http://www.w3.org/2001/XMLSchema**" xmlns:wsdl="**http://schemas.xmlsoap.org/wsdl/**" targetNamespace="**http://tempuri.org/**"><wsp:Policy wsu:Id="**BasicHttpBinding\_IUpdateService1\_policy**"><wsp:ExactlyOne><wsp:All><sp:TransportBinding xmlns:sp="**http://schemas.xmlsoap.org/ws/2005/07/securitypolicy**"><wsp:Policy><sp:TransportToken><wsp:Policy>](http://localhost:9070/UpdateService?wsdl)<sp:HttpsToken RequireClientCertificate="**false**"/></wsp:Policy></sp:TransportToken>[<sp:AlgorithmSuite><wsp:Policy>](http://localhost:9070/UpdateService?wsdl)<sp:Basic256/></wsp:Policy></sp:AlgorithmSuite>[<sp:Layout><wsp:Policy>](http://localhost:9070/UpdateService?wsdl)<sp:Strict/></wsp:Policy></sp:Layout></wsp:Policy></sp:TransportBinding></wsp:All></wsp:ExactlyOne></wsp:Policy>[<wsp:Policy wsu:Id="**NetTcpBinding\_IUpdateService\_policy**"><wsp:ExactlyOne><wsp:All>](http://localhost:9070/UpdateService?wsdl)<msb:BinaryEncoding xmlns:msb="**http://schemas.microsoft.com/ws/06/2004/mspolicy/netbinary1**"/><wsaw:UsingAddressing/></wsp:All></wsp:ExactlyOne></wsp:Policy>[<wsp:Policy wsu:Id="**WSHttpBinding\_IUpdateService\_policy**"><wsp:ExactlyOne><wsp:All>](http://localhost:9070/UpdateService?wsdl)<wsaw:UsingAddressing/></wsp:All></wsp:ExactlyOne></wsp:Policy>[<wsp:Policy wsu:Id="**WSHttpBinding\_IUpdateService1\_policy**"><wsp:ExactlyOne><wsp:All>](http://localhost:9070/UpdateService?wsdl)<http:BasicAuthentication xmlns:http="**http://schemas.microsoft.com/ws/06/2004/policy/http**"/>[<sp:TransportBinding xmlns:sp="**http://schemas.xmlsoap.org/ws/2005/07/securitypolicy**"><wsp:Policy><sp:TransportToken><wsp:Policy>](http://localhost:9070/UpdateService?wsdl)<sp:HttpsToken RequireClientCertificate="**false**"/></wsp:Policy></sp:TransportToken>[<sp:AlgorithmSuite><wsp:Policy>](http://localhost:9070/UpdateService?wsdl)<sp:Basic256/></wsp:Policy></sp:AlgorithmSuite>[<sp:Layout><wsp:Policy>](http://localhost:9070/UpdateService?wsdl)<sp:Strict/></wsp:Policy></sp:Layout></wsp:Policy></sp:TransportBinding><wsaw:UsingAddressing/></wsp:All></wsp:ExactlyOne></wsp:Policy>[<wsp:Policy wsu:Id="**NetNamedPipeBinding\_IUpdateService\_policy**"><wsp:ExactlyOne><wsp:All>](http://localhost:9070/UpdateService?wsdl)<msb:BinaryEncoding xmlns:msb="**http://schemas.microsoft.com/ws/06/2004/mspolicy/netbinary1**"/><wsaw:UsingAddressing/></wsp:All></wsp:ExactlyOne></wsp:Policy>[<wsdl:types><xsd:schema targetNamespace="**http://tempuri.org/Imports**">](http://localhost:9070/UpdateService?wsdl)<xsd:import namespace="**http://tempuri.org/**" schemaLocation="**http://majid-m6800:9070/UpdateService?xsd=xsd0**"/><xsd:import namespace="**http://schemas.microsoft.com/2003/10/Serialization/**" schemaLocation="**http://majid-m6800:9070/UpdateService?xsd=xsd1**"/><xsd:import namespace="**http://schema.unitedtote.com/ToteLink/2008/06/PubSub**" schemaLocation="**http://majid-m6800:9070/UpdateService?xsd=xsd2**"/></xsd:schema></wsdl:types>[<wsdl:message name="**IUpdateService\_StatusNotification\_InputMessage**">](http://localhost:9070/UpdateService?wsdl)<wsdl:part name="**parameters**" element="**tns:StatusNotification**"/></wsdl:message>[<wsdl:message name="**IUpdateService\_UpdateNotification\_InputMessage**">](http://localhost:9070/UpdateService?wsdl)<wsdl:part name="**parameters**" element="**tns:UpdateNotification**"/></wsdl:message>[<wsdl:portType name="**IUpdateService**"><wsdl:operation name="**StatusNotification**">](http://localhost:9070/UpdateService?wsdl)<wsdl:input message="**tns:IUpdateService\_StatusNotification\_InputMessage**" wsaw:Action="**http://tempuri.org/IUpdateService/StatusNotification**"/></wsdl:operation>[<wsdl:operation name="**UpdateNotification**">](http://localhost:9070/UpdateService?wsdl)<wsdl:input message="**tns:IUpdateService\_UpdateNotification\_InputMessage**" wsaw:Action="**http://tempuri.org/IUpdateService/UpdateNotification**"/></wsdl:operation></wsdl:portType>[<wsdl:binding type="**tns:IUpdateService**" name="**BasicHttpBinding\_IUpdateService**">](http://localhost:9070/UpdateService?wsdl)<soap:binding transport="**http://schemas.xmlsoap.org/soap/http**"/>[<wsdl:operation name="**StatusNotification**">](http://localhost:9070/UpdateService?wsdl)<soap:operation style="**document**" soapAction="**http://tempuri.org/IUpdateService/StatusNotification**"/>[<wsdl:input>](http://localhost:9070/UpdateService?wsdl)<soap:body use="**literal**"/></wsdl:input></wsdl:operation>[<wsdl:operation name="**UpdateNotification**">](http://localhost:9070/UpdateService?wsdl)<soap:operation style="**document**" soapAction="**http://tempuri.org/IUpdateService/UpdateNotification**"/>[<wsdl:input>](http://localhost:9070/UpdateService?wsdl)<soap:body use="**literal**"/></wsdl:input></wsdl:operation></wsdl:binding>[<wsdl:binding type="**tns:IUpdateService**" name="**BasicHttpBinding\_IUpdateService1**">](http://localhost:9070/UpdateService?wsdl)<wsp:PolicyReference URI="**#BasicHttpBinding\_IUpdateService1\_policy**"/><soap:binding transport="**http://schemas.xmlsoap.org/soap/http**"/>[<wsdl:operation name="**StatusNotification**">](http://localhost:9070/UpdateService?wsdl)<soap:operation style="**document**" soapAction="**http://tempuri.org/IUpdateService/StatusNotification**"/>[<wsdl:input>](http://localhost:9070/UpdateService?wsdl)<soap:body use="**literal**"/></wsdl:input></wsdl:operation>[<wsdl:operation name="**UpdateNotification**">](http://localhost:9070/UpdateService?wsdl)<soap:operation style="**document**" soapAction="**http://tempuri.org/IUpdateService/UpdateNotification**"/>[<wsdl:input>](http://localhost:9070/UpdateService?wsdl)<soap:body use="**literal**"/></wsdl:input></wsdl:operation></wsdl:binding>[<wsdl:binding type="**tns:IUpdateService**" name="**NetTcpBinding\_IUpdateService**">](http://localhost:9070/UpdateService?wsdl)<wsp:PolicyReference URI="**#NetTcpBinding\_IUpdateService\_policy**"/><soap12:binding transport="**http://schemas.microsoft.com/soap/tcp**"/>[<wsdl:operation name="**StatusNotification**">](http://localhost:9070/UpdateService?wsdl)<soap12:operation style="**document**" soapAction="**http://tempuri.org/IUpdateService/StatusNotification**"/>[<wsdl:input>](http://localhost:9070/UpdateService?wsdl)<soap12:body use="**literal**"/></wsdl:input></wsdl:operation>[<wsdl:operation name="**UpdateNotification**">](http://localhost:9070/UpdateService?wsdl)<soap12:operation style="**document**" soapAction="**http://tempuri.org/IUpdateService/UpdateNotification**"/>[<wsdl:input>](http://localhost:9070/UpdateService?wsdl)<soap12:body use="**literal**"/></wsdl:input></wsdl:operation></wsdl:binding>[<wsdl:binding type="**tns:IUpdateService**" name="**WSHttpBinding\_IUpdateService**">](http://localhost:9070/UpdateService?wsdl)<wsp:PolicyReference URI="**#WSHttpBinding\_IUpdateService\_policy**"/><soap12:binding transport="**http://schemas.xmlsoap.org/soap/http**"/>[<wsdl:operation name="**StatusNotification**">](http://localhost:9070/UpdateService?wsdl)<soap12:operation style="**document**" soapAction="**http://tempuri.org/IUpdateService/StatusNotification**"/>[<wsdl:input>](http://localhost:9070/UpdateService?wsdl)<soap12:body use="**literal**"/></wsdl:input></wsdl:operation>[<wsdl:operation name="**UpdateNotification**">](http://localhost:9070/UpdateService?wsdl)<soap12:operation style="**document**" soapAction="**http://tempuri.org/IUpdateService/UpdateNotification**"/>[<wsdl:input>](http://localhost:9070/UpdateService?wsdl)<soap12:body use="**literal**"/></wsdl:input></wsdl:operation></wsdl:binding>[<wsdl:binding type="**tns:IUpdateService**" name="**WSHttpBinding\_IUpdateService1**">](http://localhost:9070/UpdateService?wsdl)<wsp:PolicyReference URI="**#WSHttpBinding\_IUpdateService1\_policy**"/><soap12:binding transport="**http://schemas.xmlsoap.org/soap/http**"/>[<wsdl:operation name="**StatusNotification**">](http://localhost:9070/UpdateService?wsdl)<soap12:operation style="**document**" soapAction="**http://tempuri.org/IUpdateService/StatusNotification**"/>[<wsdl:input>](http://localhost:9070/UpdateService?wsdl)<soap12:body use="**literal**"/></wsdl:input></wsdl:operation>[<wsdl:operation name="**UpdateNotification**">](http://localhost:9070/UpdateService?wsdl)<soap12:operation style="**document**" soapAction="**http://tempuri.org/IUpdateService/UpdateNotification**"/>[<wsdl:input>](http://localhost:9070/UpdateService?wsdl)<soap12:body use="**literal**"/></wsdl:input></wsdl:operation></wsdl:binding>[<wsdl:binding type="**tns:IUpdateService**" name="**NetNamedPipeBinding\_IUpdateService**">](http://localhost:9070/UpdateService?wsdl)<wsp:PolicyReference URI="**#NetNamedPipeBinding\_IUpdateService\_policy**"/><soap12:binding transport="**http://schemas.microsoft.com/soap/named-pipe**"/>[<wsdl:operation name="**StatusNotification**">](http://localhost:9070/UpdateService?wsdl)<soap12:operation style="**document**" soapAction="**http://tempuri.org/IUpdateService/StatusNotification**"/>[<wsdl:input>](http://localhost:9070/UpdateService?wsdl)<soap12:body use="**literal**"/></wsdl:input></wsdl:operation>[<wsdl:operation name="**UpdateNotification**">](http://localhost:9070/UpdateService?wsdl)<soap12:operation style="**document**" soapAction="**http://tempuri.org/IUpdateService/UpdateNotification**"/>[<wsdl:input>](http://localhost:9070/UpdateService?wsdl)<soap12:body use="**literal**"/></wsdl:input></wsdl:operation></wsdl:binding>[<wsdl:service name="**UpdateService**"><wsdl:port name="**BasicHttpBinding\_IUpdateService**" binding="**tns:BasicHttpBinding\_IUpdateService**">](http://localhost:9070/UpdateService?wsdl)<soap:address location="**http://majid-m6800:9070/UpdateService/BASIC**"/></wsdl:port>[<wsdl:port name="**BasicHttpBinding\_IUpdateService1**" binding="**tns:BasicHttpBinding\_IUpdateService1**">](http://localhost:9070/UpdateService?wsdl)<soap:address location="**https://majid-m6800:9072/UpdateService/BASIC**"/></wsdl:port>[<wsdl:port name="**NetTcpBinding\_IUpdateService**" binding="**tns:NetTcpBinding\_IUpdateService**">](http://localhost:9070/UpdateService?wsdl)<soap12:address 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# ToteLink™ Services

## General

### Request Structure

Each request consists of a standard SOAP message body. All request and response messages have a specific sequence; all elements must appear in the order indicated in the document.

### Required and Optional Values

Due to limitations within the WCF DataContractSerializer model, certain items are indicated as Nilable within the WSDL. Please note that for the purposes of ToteLink™, fields which are required (MinOccurs > 0) nil values are not permitted; for optional values, nil will be equivalent to not providing any value.

Note that all Boolean values are indicated as optional; omitting the value is equivalent to false.

## Common Elements

There are several common elements provided for all request and response messages. These elements control routing and processing of the request. For full details, please review the WSDL specifications accompanying the software.

### Compressed List

A **compressed list** is a series of disjoint numeric **ranges** separated by commas, where a **range** is either a single number or a minimum and a maximum separated by a dash, representing all of the numbers in the **range**.

### Requests

Each request contains a Source element as the first element of the request. The Source element contains a SystemId element, a SourceId element, and a **SecurityKey**.

#### <Source> Element

|  |  |  |  |
| --- | --- | --- | --- |
| SystemId | String | Optional | This is a string value that identifies the tote system against which the transaction should be executed. This value is required if Security key is not given, and will be validated against the customer’s access configuration. |
| SourceId | String | Optional | This is a string value that identifies the tote source against which the transaction should be executed. This value is required if Security Key is not given, and will be validated against the customer’s access configuration. |
| SecurityKey | String | Optional | If this value is presented then SystemId and Source Id will be ignored. Security Key is generated by ToteLink and will be given to customer by United Tote Personal. |

### Responses

The response will usually contain two common elements, GroupId and RunId, in the root response element.

|  |  |  |  |
| --- | --- | --- | --- |
| RunId | String | Optional | This is a string value that identifies the current run of the back-end system. It is guaranteed to be unique for each run on a specific system (indicated by SystemId in the Source element.) This value is currently an integer, but this may change in the future, and clients should treat this value as an opaque string value. |
| GroupId | String | Optional | This is a string value that identifies the Group associated with the request in the back-end system. |
| Source | <Source> Element |  |  |
| Error | <Error> Element | Optional |  |

#### <Error> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Message | String | Optional | Tote Error Message. |
| Number | String | Optional | Tote Error Number. |
| Params | String[] | Optional | String of error parameter(s) information. Multiple parameters may be provided. They are to be interpreted in the XML order provided in the response. See table “Error Strings and Parameters” for possible errors and associated parameters. |

##### Customer ReferenceId

This value represents a client-specified transaction identifier that is stored in the transaction record for future correlation between the tote and the client’s database. The length of ReferenceId plus CustomerId which is assigned to the customer by UnitedTote should not exceed 30 characters. If Customer Id is “Customer1” then the maximum length of ReferenceId is 21 characters. A typical CustomerId should be 3 characters, please confirm with your United Tote representative.

##### Error Strings and Parameters

The following table provides error strings containing references for the optional parameters contained in error responses. These are provided to aid error interpretation.

There are two types of errors, one generated by Tote System which may be found from Tote System package under document folder as vXXX WebTote Exceptions.txt which is subject to change, and others will be generated by ToteLink as follow:

| Error | Error String | Parameter 1 | Parameter 2 | Parameter 3 | Parameter 4 |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| 9000 | Currency not defined in ToteLink configuration. | Currency ID |  |  |  |
| 9001 | Request is empty |  |  |  |  |
| 9002 | Tote System xxx is not connected |  |  |  |  |
| 9003 | Request Timed Out |  |  |  |  |
| 9004 | Tote System not available |  |  |  |  |
| 9005 | WebTote Socket Exception Message |  |  |  |  |
| 9006 | WebTote Service is paused |  |  |  |  |
| 9007 | BaseAmount must not be zero or negative |  |  |  |  |
| 9008 | Must specify Legs with at least one Leg for each Wager |  |  |  |  |
| 9009 | Each Leg must have at least one runner |  |  |  |  |
| 9010 | Total must not be zero or negative |  |  |  |  |
| 9011 | No Wagers in TicketRequest |  |  |  |  |
| 9012 | Tote update is broken to ToteLink |  |  |  |  |
| 9013 | Exception Error (detail will be provided in the ToteLink Audit Log. Excpetion Message will be sent to client as Error Message. |  |  |  |  |
| 9014 | Unauthorized Access |  |  |  |  |

### Pools

The following table summarizes the current supported bet types:

| *Bet Type* | ***Description*** |
| --- | --- |
| *Win* | Choosing a betting interest to come in first. |
| *Place* | Choosing a betting interest to come in first, or second. |
| *Show* | Choosing a betting interest to come in first, second or third. |
| *Combine Pools (WPS, WET, WP, PS, WS)* | A combination of wagering pools that are wagered at the same time. For example, when wagering a WPS the patron wagers a win, place and show wager at the same time. Wagering a WET allows the patron to wager a win, exacta and trifecta at the same time. |
| *Exacta (Perfecta, Exactor)* | Choose the betting interests to finish first and second in exact order in one race. |
| *Quinella* | Choose the betting interests to finish first and second in either order in one race. |
| *Omni* | Wagered like a quinella, except the patron’s two betting interest selections can come in first, second, or third in one race. |
| *Triella* | Wagered like a quinella, except instead of choosing the winning betting interests for two positions, the patron chooses three positions. (Not supported on events with greater than 24 runners). |
| *Exella* | Choose the betting interest to finish first, and then the betting interests to finish second and third. The selections for second and third can come in either order. |
| *Trifecta (Triactor)* | Choose the betting interests to finish first, second, and third in exact order in one race. |
| *Superfecta* | Choose the betting interests to finish first, second, third, and fourth in exact order in one race. |
| *Pentafecta* | Choose the betting interests to finish first, second, third, fourth and fifth in exact order in one race. |
| *Hexafecta* | Choose the betting interests to finish first, second, third, fourth, fifth and sixth in exact order in one race. |
| *The Number* | The bettor selects whether the sum of the program numbers of the first 3 runners in the official order of finish is over, under, or on “The Number”. The Number is determined by the number of programmed starters per race. |
| *Double (Daily Double)* | Choose the betting interests to finish first in each of two designated races included in the daily double. |
| *Triple (Pick 3)* | Choose the betting interests to finish first in each of three designated races included in the triple. |
| *Pick N (Pick 4, Pick 5, Pick 6, etc.)* | Where “n” is a number of races, choose the betting interests to finish first in each of the designated races included in the pick-n. Maximum of 12 races supported. |
| *Grand Slam* | Consisting of four races, the patron chooses the betting interests to finish first in three races and the betting interest that comes in first, second or third in the fourth race. |
| *Quinella Double* | Played as two quinella wagers, each placed on an independent race. |
| *Exacta Double* | Played as two exacta wagers, each placed on an independent race. |
| *Exchange Wagering (Twin-Tri, Tri-Super, Twin-Super, Big Quinella, Big Perfecta)* | An exchange wager is a bet wherein a percentage of the first bet (usually 50%) is placed in a pool to be applied to the second bet.  Upon winning the first leg, a bettor must take his ticket to a window and cash his winning ticket and then place, (with no additional cost) at a value equal to his original bet, the wager for the next leg in the race. The bettor must hit each half of the wager to hit the jackpot.   |  |  |  | | --- | --- | --- | | Pool | First Half | Second Half | | Twin-Tri | Trifecta | Trifecta | | Tri-Super | Trifecta | Superfecta | | Twin-Super | Superfecta | Superfecta | | Big Quinella | Quinella | Quinella | | Big Perfecta (exacta) | Exacta | Exacta | |

The following is a list of static numbers assigned to pools for identification.

|  |  |
| --- | --- |
| Pool Name | Number |
| Win | 1 |
| Place | 2 |
| Show | 3 |
| Exacta | 4 |
| Quinella | 5 |
| Trifecta | 6 |
| Daily Double | 7 |
| Pick Four | 8 |
| Big Quinella | 9 |
| Double Quinella | 10 |
| Superfecta | 11 |
| Pick Six | 12 |
| Win/Place | 13 |
| Win/Place/Show | 14 |
| Big Perfecta | 15 |
| Twin-Trifecta | 16 |
| Triple | 17 |
| Pick Five | 18 |
| Pick Eight | 19 |
| Pick Seven | 20 |
| Pick Nine | 21 |
| Twin Super | 22 |
| Tri-Super | 23 |
| Pick Ten | 25 |
| Pick Eleven | 26 |
| Pick Twelve | 27 |
| Triella | 28 |
| Grand Slam | 29 |
| Extra Double | 30 |
| Pentafecta | 31 |
| Omni | 32 |
| Double Exacta | 33 |
| V75 | 34 |
| V86 | 35 |
| Hexafecta | 36 |
| The Number | 37 |
| Win/Show | 38 |
| Place/Show | 39 |
| Win/Exacta/Trifecta | 40 |
| V4 | 41 |
| V5 | 42 |
| V64 | 43 |
| V65 | 44 |
| Exella | 45 |

## Configuration Service

This section describes the basic structure and semantics of the Configuration service operation. For full details on the exact format of the messages, please refer to the WSDL and XSD specifications that accompany the software.

The configuration service permits a client application to retrieve some of the configuration details from the tote system which are relevant to client operation. This data includes items such as transaction limits and branding information.

### GetConfiguration

#### Request

##### <ConfigurationRequest> Element

The ConfigurationRequest request accepts no input other than the elements common to all requests. Refer to section 6.2.2 “Requests” for common request attributes.

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <ConfigurationResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| ToteVersion | String[10] | Required | The version number of the tote back-end system (Vxxx.yy.zz) |
| Currencies | List<Channel> Element | Required | List of Currencies. |
| Account | <Account> <Contest> Element | Optional | There will be one ***Account*** element for tote allocated account parameters |
| Demand | <Demand> Element | Optional | There will be one Demand element for tote allocated Demand account parameters |
| Contest | <Account> <Contest> Element | Optional | There will be one Contest element for Contest account parameters. |
| Location | String[22] | Optional | Location, as specified in the tote. |
| TimeZoneIndex | String | Optional | Windows time zone index |
| CustomerLogo | String[4] | Optional | Optional Logo Name. Standardized TRA Event Code used for loading Logos. |
| Advertisement | <Advertisement> Element | Optional | Optional Contains Advertising and graphics information configured for this device in the backroom. |
| Assistance | Boolean | Optional | Optional Boolean attribute set if the “assistance” key is to be displayed. |
| Cancels | Boolean | Optional | Optional Boolean attribute to indicate if cancellations are permitted. If Cancels is not specified, then no cancels are permitted. |
| AccountTimeout | Integer | Optional | Optional Patron timeout in seconds for account – only present if timeouts are being used. If there is no patron activity for this period of time an EndPatron request should be forced |
| Limits | <Limits> Element | Required | Required Contains transaction limit data. |
| Redact | Integer | Optional | Optional number representing the number of clear digits for sensitive information. If Redact not specified, then no redacting is necessary. |
| ToteLinkVersion | String | Required | ToteLink™ Version |
| DefaultEvent | String[5] | Optional | Default event for source |
| TicketLogo | String[60] | Optional | Optional string designated a local logo file used for printing tickets. |
| Terminal | String[6] | Required | Terminal Name. |
| Mode | Enum[“Cash”,  ”Account”] | Optional | The default operating mode of the terminal. If Mixed is not set, this is only mode permitted, Cash or Account. |
| Mixed | Boolean | Optional | If it is set, both cash and account wagering is permitted. |
| FunBets | Boolean | Optional | Optional Boolean attribute set if Fun Bets are to be displayed |
| ManualLogOn | Boolean | Optional | If it is set, Manual logon for accounts is permitted. |
| Parlay | Boolean | Optional | If it is set, Parlay wagering is permitted. |
| Video | Boolean | Optional | No supported any more. |
| FundedTimeout | Integer | Optional | Patron timeout in seconds for cash- Only present if timeouts are being used . If there is no patron activity for this period of time and EndPatron request should be forced.[[1]](#footnote-1) |
| UnfundedTimeout | Integer | Optional | Timeout for non-patron activity – only present if timeouts are being used. 1 |
| CashReceipts | Integer | Optional | Optional number of receipts to print for account cash transactions, e.g. deposit or withdraw. If no *CashReceipts* is specified, then no cash receipts are printed. |
| TransactionReceipts | Integer | Optional | Optional number of receipts to print for terminal transactions, e.g. return or draw. If no *TransactionReceipts* is specified, then no transaction receipts are printed. |
| Channels | List <Channel> Element | Optional | Only present if source is configured for video and a guide is defined. |
| Languages | List <Language> Element | Optional | There will be one *Language* element for each language supported by source. |
| BAM | String | Optional | Optional attribute indicating BAM availability. If the BAM attribute is not specified, then the terminal is not configured for BAM usage. Value is:  Enabled  Disabled |
| PatronOffset | Integer | Optional | Optional number indicating the number of characters offset on card swipe for patron beginning of patron number. |
| PatronSize | Integer | Optional | Optional number indicating the number of digits used in the patron number. |
| AccountOffset | Integer | Optional | Optional number indicating the number of characters offset on card swipe for beginning of account number. |
| AccountSize | Integer | Optional | Optional number indicating the number of digits used in the account number. |
| Fractional | Boolean | Optional | Optional Boolean attribute indicating fractional wagering is permitted. |
| AccountCard | Boolean | Optional | Optional Boolean attribute indicating a card swipe is considered an account card when in account mode, otherwise the card is a player card |
| Inquiry | Boolean | Optional | Optional Boolean attribute indicating account transaction inquiries are permitted. |
| ScrambleKeyPad | Boolean | Optional | Optional Boolean attribute indicating numeric key pad is to be scrambled on each use |
| SwipeRequired | Boolean | Optional | Optional Boolean attribute indicating an account card swipe is required for account cash transactions |
| Quick | Boolean | Optional | If it is set quick is enabled. |
| CurrentTime | DateTime | Required | Current Time |
| DateFormat | Integer | Required | Number value for formatting the date.  0. "dd-mmm-yy",  1. "dd-mmm-yyyy"  2. "mmm-dd-yy"  3. "mmm-dd-yyyy"  4. "mm/dd/yy"  5. "mm/dd/yyyy"  6. "dd/mm/yy"  7. "dd/mm/yyyy"  8. "yy-mm-dd"  9. "yyyy-mm-dd"  10. "mm-dd-yy"  11. "mm-dd-yyyy"  12. "dd-mm-yy"  13. "dd-mm-yyyy"  14. "yy-mm-dd"  15. "yyyy-mm-dd”  16. "yymmdd"  17. "yyyymmdd"  18. ”mmddyy”  19. “mmddyyyy”  20. “ddmmyy”  21. “ddmmyyy” |
| DatePicture | String | Required | String representing the picture of the date format.  dd=Numeric day  mm=Numeric month  yy=Numeric year (last two digits)  yyyy=Numeric year  Any character not represented here must be translated as represented without change. |
| BrandTime | Boolean | Optional | Optional Boolean attribute indicating time takes precedence over date when both date and time won’t fit when branding a ticket. |
| LongTicket | Boolean | Optional | Optional Boolean attribute indicating that tickets with bar codes should be printed with a minimum length of 3.25 inches. |
| CDM | String | Optional | Optional attribute indicating CDM availability. If the CDM attribute is not specified, then the terminal is not configured for CDM usage. Value is:  Enabled  Disabled . |
| Passwords | List <Password> Element | Optional | List of Password for each group. |
| Charity | List <Charity> Element | Optional | List of Charities available |

##### <Channel> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Number | String | Required | Channel Number (Major number for digital channels) |
| Minor | String | Optional | Optional minor number for digital channels. Only specified for digital channels. |
| Digital | Boolean | Optional | Optional Boolean attribute to indicate the channel Number and Minor are digital. |
| Analog | Boolean | Optional | Optional Boolean attribute to indicate the channel Number is analog. |
| Cable | Boolean | Optional | Optional Boolean attribute to indicate the source of the digital is from cable. |
| Broadcast | Boolean | Optional | Optional Boolean attribute to indicate the source of the signal is from broadcast. |
| Id | String[4] | required | Channel identifier. |
| Description | String[40] | Optional | Channel description. |

##### <Currency> Element

|  |  |  |  |
| --- | --- | --- | --- |
| CurrencyId | String[3] | Required | ISO Currency Code |
| Symbol | String[1] | Optional | Currency Symbol |
| WagerScale | Integer | Optional | Default Scale (number of digits) used for base wagers. |
| Decimals | Integer | Optional | Number decimals (implied) in currency (USD would be 2). |
| Period | String[1] | Optional | Character used for fractional separator (USD would be ‘.’) |
| Comma | String[1] | Optional | Character used for number separator (USD would be ‘,’). |
| UnitValue | Integer | Optional | Value for the lowest whole unit (USD would be 100). |
| Format | String | Optional | Pictorial format of Currency (e.g $,$$$.cc). |

##### <Advertisement> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Picture | String[30] | Optional | Contains the name of a graphic to be displayed in the user interface. The client is responsible for locating and loading the actual image. |
| Message | String[50] | Optional | An advertising or announcement message to be displayed prominently in the user interface. |
| Disclaimer | String[50] | Optional | An announcement or disclaimer message to be displayed less prominently in the user interface. |
| Text | String[36] | Optional | Optional Advertisement text. |

##### <Limits> Element

|  |  |  |  |
| --- | --- | --- | --- |
| MaxWagerTotal | Decimal | Required | Maximum wager total for a single wager line on this device. |
| MaxTicketTotal | Decimal | Required | Maximum combined total for a single ticket. |
| MaxDeposit | Decimal | Required | Maximum amount that can be deposited to an account via this device. |
| MaxWithdrawal | Decimal | Required | Maximum amount that can be withdrawn from an account via this device. |
| MaxVoucher | Decimal | Required | The maximum amount that a voucher may be issued. Zero indicates no limit to the voucher amount. |

##### <Language> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Id | String[3] | Required | ISO Language code identifying the supported language. |
| Default | Boolean | Optional | If it is set, then this is source’s default language. |

##### <Account> <Contest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Required | <Required> Element | Optional | Optional element indicating required account fields for account creation, if any and account creation is permitted indicated by **Create** attribute. |
| Edit | <Required> Element | Optional | Optional element indicating account fields allowed to be changed, if any. |
| View | <Required> Element | Optional | Optional element indicating account fields allowed to be viewed, if any. |
| Age | Integer | Optional | Optional minimum age permitted for account creation. |
| Create | Boolean | Optional | Optional Boolean attribute indicating that tote allocated accounts may be created |

##### <Demand> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Required | <Required> Element | Optional | Optional element indicating required account fields for account creation, if any and account creation is permitted indicated by **Create** attribute. |
| Edit | <Required> Element | Optional | Optional element indicating account fields allowed to be changed, if any. |
| View | <Required> Element | Optional | Optional element indicating account fields allowed to be viewed, if any. |
| Age | Integer | Optional | Optional minimum age permitted for account creation. |
| Create | Boolean | Optional | Optional Boolean attribute indicating that tote allocated accounts may be created |

##### <Required> Element

|  |  |  |  |
| --- | --- | --- | --- |
| LastName | Boolean | Optional | Optional Boolean attribute indicating account field for last name. |
| FirstName | Boolean | Optional | Optional Boolean attribute indicating account field for first name. |
| Password | Boolean | Optional | Not implemented in this version. |
| Address | Boolean | Optional | Optional Boolean attribute indicating account field for street address. |
| City | Boolean | Optional | Optional Boolean attribute indicating account field for city. |
| State | Boolean | Optional | Optional Boolean attribute indicating account field for state. |
| Zip | Boolean | Optional | Optional Boolean attribute indicating account field for Zip code. |
| County | Boolean | Optional | Optional Boolean attribute indicating account field for County. |
| Telephone | Boolean | Optional | Optional Boolean attribute indicating account field for Telephone. |
| Area | Boolean | Optional | Optional Boolean attribute indicating account field for Area. |
| Email | Boolean | Optional | Optional Boolean attribute indicating account field for email. |
| Id | Boolean | Optional | Optional Boolean attribute indicating account field for second Id. |
| Expiration | Boolean | Optional | Optional Boolean attribute indicating account field for second id expiration. |
| TaxId | Boolean | Optional | Optional Boolean attribute indicating account field for Tax Id. |
| DateOfBirth | Boolean | Optional | Optional Boolean attribute indicating account field for date of birth. |
| Phrase | Boolean | Optional | Optional Boolean attribute indicating account field for security phrase. |
| Patron | Boolean | Optional | Optional Boolean attribute indicating account field for patron number. |
| Validation | Boolean | Optional | Optional Boolean attribute indicating account field for validation. |

##### <Password> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Group | String(3) | Required | Group Id |
| Minimum | Integer | Optional | Minimum length of Password |
| Maximum | Integer | Optional | Maximum length of password |
| Lowercase | Integer | Optional | Minimum number of lowercase characters (a-z). |
| Uppercase | Integer | Optional | Minimum number of uppercase characters (A-Z). |
| Digit | Integer | Optional | Minimum number of digits (0-9). |
| Blank | Integer | Optional | Minimum number of embedded blank characters (not leading or trailing). |
| Special | Integer | Optional | Minimum number of allowed special characters. |
| Allowed | String | Optional | String of special characters allowed. |

##### <Charity> Element

|  |  |  |  |
| --- | --- | --- | --- |
| CharityNumber | Integer | Required | Charity Number |
| Id | String(3) | Required | Charity Id |
| Name | String(32) | Optional | Charity Name |
| Tax | String(30) | Optional | Charity Tax Information. |
| Image | String | Optional | Image URL. |
| Line1 | String(36) | Optional | Line 1 of receipt text |
| Line2 | String(36) | Optional | Line 2 of receipt text |
| Line3 | String(36) | Optional | Line 3 of receipt text |
| Collector | String(30) | Optional | Collecting agent name. |
| KeepChange | Boolean | Optional | “Keep the change” is allowed. |
| CustomAmount | Boolean | Optional | Custom amount may be entered. |
| Suggesteds | List <Suggested> Element | Optional | One suggested element for each currency. |

##### <Suggested> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Currency | String(3) | Required | Currency Id |
| Balance | Decimal | Optional | Suggested minimum patron balance for donation prompt. |
| Minimum | Decimal | Optional | Minimum amount for custom entry. |
| Maximum | Decimal | Optional | Maximum amount for custom entry. |
| Suggested1 | Decimal | Optional | Suggested donation amount. |
| Suggested2 | Decimal | Optional | Suggested donation amount. |
| Suggested3 | Decimal | Optional | Suggested donation amount. |
| Suggested4 | Decimal | Optional | Suggested donation amount. |

## Program Service

The Program Service permits retrieval of event card and program data for use in an interactive wagering system. This information includes events, races, pools and runner information. Optionally, Equibase-provided program data can be included.

### GetEvents

The GetEvents request retrieves a summary of each available event, based on the identification information provided in the message headers. In case of given valid Tournament Id and Contest Id only contest events will be returned.

*Review the Acceptable Usage section: 4.5 Efficiently Manage Event Data for information about how this request is intended to be used.*

#### Request

In addition to the common request attributes, this request contains optional Tournament and Contest IDs that will result in only contest events being returned. Refer to section 6.2.2 “Requests” for common request attributes.

##### <EventsRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| TournamentId | String[3] | Optional | If it is given then contest id must be presented. |
| ContestId | String[3] | Optional | If it is given then Tournament id must be presented. |
| Races | Boolean | Optional | Boolean attribute set to request all available races for events. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <EventsResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| TournamentId | String[3] | Optional | Tournament Id of the events |
| ContestId | String[3] | Optional | Contest Id of the events |
| Events | List<Event> Element | Optional | List of event |

##### <Event> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Races | List<Race> Element | Optional | List of Race elements describing each race in the event. |
| EventId | String[3] | Required | ITSP Event ID for the event.[[2]](#footnote-2) |
| RunId | String | Required | Run during which the event was created.[[3]](#footnote-3) |
| EventName | String[16] | Required | Name of the event |
| TrackId | String[3] | Optional | Track Id used to identify track |
| TrackName | String[40] | Optional | Name of the track at which the event takes place. |
| TrackCondition | String[8] | Optional | Track Condition |
| TurfTrack | String[8] | Optional | Condition of Turf Track |
| EventTime | DateTime | Required | Scheduled date and time for the event to start. Typically this is the scheduled post time of the first race. |
| EventInfo | String[11] | Optional | Ticket information string user defined content. |
| EventType | Enum[“Current”, “Future”] | Required | Indicates whether the event is Current or Future.[[4]](#footnote-4) |
| TrackType | Enum[“JaiAlai”, “Thoroughbred”, “Greyhound”, “Quarterhorse”, “Harness”, “Arabian”,”Mixed”,“Cycle”, “Boat”, “Vehicle”, “Sports”, “Other”, “Unknown”] | Required | Indicates the type of track at which the event takes place. |
| EventClass | String[1] | Optional | Optional event display class. If specified, allows grouping of events by class if desired. |
| CurrencyId | String[3] | Required | Currency Id associated for the event. |
| Parlay | Boolean | Optional | Indicates whether parlay wagering is permitted for this event. |
| Channel | String[4] | Optional | The TV channel Id on which the event video can be found.[[5]](#footnote-5) Channel information is provided by the Channels in the ConfigurationResponse |
| EventStatus | String | Optional | Closed, Open, Finished |
| RaceList | CompressedList | Required | A compressed list of available races. |
| BreakTo | decimal | Optional | Optional break to amount for all fractional wager amounts. All fractional wager amounts must be multiples of this value |
| EventNumber | String | Optional | Group event number |

### GetEventDetail

GetEventDetail retrieves full details for a specific event.

*Review the Acceptable Usage section: 4.5 Efficiently Manage Event Data for information about how this request is intended to be used.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <EventsRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| EventId | String[3] | Required | ITSP Event ID for the Event. |
| TournamentId | String[3][[6]](#footnote-6) | Optional | If it is given then contest id must be presented. |
| ContestId | String[3]6 | Optional | If it is given then Tournament id must be presented. |
| Program | Boolean | Optional | Whether or not to include program information for requested races and/or runners. |
| Races | Boolean | Optional | Boolean attribute set to request all available races for event. |
| Pools | Boolean | Optional | Optional Boolean attribute set to request pool details for all requested races. |
| Runners | Boolean | Optional | Boolean attribute set to request runner details for all requested races. |

#### Response

The response is essentially identical to the *GetEvents Response*, except that it contains only a single event with the detail of races(s), pool(s), and Runner(s), if requested.

Refer to section 6.2.3 “Responses” for common response attributes.

##### <EventsResponse> Element

See section 6.4.1, <EventsResponse> Element

##### <Race> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Pools | List<Pool> Element | Optional | Optional List of pools available for wagering in this Race. Multi-Race pools are listed in the first race of the pool. |
| Runners | List<Runner> Element | Optional | Optional List of runners in this race. |
| RaceChanges | List<RaceChange> Element | Optional | Optional List of late changes to this race’s program. |
| RaceId | Integer | Required | Race number |
| RaceStatus | Enum[“Open”, “Closed”, “Post”, “Final”, “Canceled”] | Required | The status of the race. The race must be open in order to place a wager on any pool starting in that race. |
| TrackType | Enum[“JaiAlai”, “Thoroughbred”, “Greyhound”, “Quarterhorse”, “Harness”, “Arabian”,”Mixed”,“Cycle”, “Boat”, “Vehicle”, “Sports”, “Other”, “Unknown”] | Required | Indicates the type of race. |
| Current | Boolean | Optional | Indicates the race is the current race. |
| PostTime | DateTime | Optional | Date and time of scheduled or actual (depending on race status) post time. |
| NumberOfRunners | Integer | Required | Number of runners in the race |
| Finish | String[20] | Optional | For races which are Official, indicates the order of finish. |
| Program | Boolean | Optional | Program information is available in this race. |
| Odds | Boolean | Optional | Odds are available for this race. |
| Conditions | String[50] | Optional | Condition information from the program. |
| RaceType | String[30] | Optional | Race type information from the program. |
| Surface | String[20] | Optional | Surface information from the program. |
| Distance | String[20] | Optional | Race distance |
| Purse | String | Optional | Purse amount from the program. (Note: this is a string pass-thru, and will not be adjusted for formatting or currency) |
| Sex | String[30] | Optional | Sex restrictions from the race program. |
| Age | String[40] | Optional | Age restrictions from the race program |
| Claim | String | Optional | Base claiming price from the program (Note: This is a string and will not be adjusted for format/currency) |
| Live | CompressedList | Required | Compressed List of Live runners in the race. |
| PoolList | String | Required | Comma separate list of all available pools in the race, including combine pools. |

##### <RaceChange> Element

|  |  |  |  |
| --- | --- | --- | --- |
| RaceType | Boolean | Optional | Type of race changed. |
| Distance | Boolean | Optional | Distance of race changed |
| Sex | Boolean | Optional | Sex requirements of the race changed |
| Age | Boolean | Optional | Age requirements of the race changed |
| Purse | Boolean | Optional | Race Purse changed |
| Claim | Boolean | Optional | Claiming amount changed |
| Breed | Boolean | Optional | Breed of race changed |
| Surface | Boolean | Optional | Surface of race changed |

##### <Pool> Element

|  |  |  |  |
| --- | --- | --- | --- |
| PoolId | String[3] | Required | The pool ID for this pool. Note that pool IDs are group/customer specific, and may differ depending on identification provided when making the call. |
| PoolNumber | Integer | Required | Tote Pool Number |
| PoolName | String[12] | Optional | Customer-specific name for this pool. |
| PoolRaces | Integer | Optional | Number of races in the pool |
| RaceList | CompressedList | Optional | List of races in this pool, formatted as a compressed list. Only is available when the pool is multi-race pool and the races are non-consecutive. |
| Legs | Integer | Optional | Number of legs in the pool |
| Unordered | Boolean | Optional | Indicates the pool is unordered, and selected runners may finish in any order. (e.g. QU) |
| Combine | Integer | Optional | Combine multiplier for this pool. (Multiply this by the number of legs and the base wager amount to determine the total wager.) |
| Quick | Boolean | Optional | Boolean attribute set if quick runner selection is available for this pool. |
| String | Boolean | Optional | String betting is enabled for this pool (Hint for UI design. Compliance is not required.) |
| Wheel | Boolean | Optional | Pool can be wheeled |
| Box | Boolean | Optional | Pool can be boxed |
| PowerBox | Boolean | Optional | If PowerBox is available. |
| Leading | Boolean | Optional | If Leading is available. |
| KeyWheel | Boolean | Optional | If KeyWheel is available. |
| KeyBox | Boolean | Optional | If KeyBox is available. |
| SingleBetMinimum | Decimal | Optional | Minimum amount for a single straight wager in this pool. |
| MultipleBetMinimum | Decimal | Optional | Minimum base amount for a multiple-combination wager in this pool. |
| WagerMinimum | Decimal | Optional | Minimum total amount for any wager in this pool. |
| Maximum | Decimal | Optional | Maximum straight base wager for this pool. May be less than maximum wager for the device ID in use. |
| Parlay | Boolean | Optional | Parlay pool |
| Probables | Boolean | Optional | If Probables are available. |
| WBMaximum | Decimal | Optional | Maximum wheeled base wager amount. |
| Multiple | Boolean | Optional | If set base wager must be multiples of minimum. |
| Auto | Boolean | Optional | Runners can be automatically selected by host. |
| Segmented | Boolean | Optional | Set if the pool wagers are segmented. |
| Straight | Boolean | Optional | Boolean attribute set if a straight wager is available for the pool. |
| FractionalMinimum | Decimal | Optional | Optional minimum total value of a wager required for fractional wagers to be valid if Fractional is specified. |
| Exchange | Enum[“Cash”,  ”Exchange”] | Optional | Exchange wagers, Cash or Exchange. |
| Fractional | Boolean | Optional | Boolean attribute set if wager amount can be a fractional value of minimum. |
| Addin | Decimal | Optional | Pool addin from previous carry forward. |

##### <Runner> Element

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| RunnerId | Integer | Required | Runner number or identifier |
| Entries | List<Entry> Element | Optional | Optional list of entries running together under the associated runner number. |
| Scratch | Boolean | Optional | Indicates that all entries for this runner ID have been scratched. |
| Odds | String | Optional | Optional morning line odds, if available |

##### <Entry> Element

|  |  |  |  |
| --- | --- | --- | --- |
| EntryId | String[1] | Optional | Identifier for this entry. The main entry for a runner typically has a null value. |
| Name | String[18] | Optional | Entry’s name. |
| Scratch | Boolean | Optional | This entry has been scratched. |
| Jockey | String[25] | Optional | Jockey name from program data |
| Weight | String | Optional | Weight from program data |
| Trainer | String[25] | Optional | Trainer from program data |
| Owner | String[50] | Optional | Owner from program data |
| Position | String | Optional | Post position |
| Medication | String | Optional | Medication used |
| EntryChanges | List<EntryChange> Element | Optional | Change to the program |

##### <EntryChange> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Boolean | Optional | Name Changed |
| Position | Boolean | Optional | Post position changed |
| Weight | Boolean | Optional | Weight changed |
| Medication | Boolean | Optional | Medication changed |
| Jockey | Boolean | Optional | Jockey changed |
| Trainer | Boolean | Optional | Trainer changed |
| Owner | Boolean | Optional | Owner changed |
| Other | String[20] | Optional | User defined changes |

### GetRace

GetRace retrieves full details for a specific race including all runners, pools, and if requested and available, extended program data.

*Review the Acceptable Usage section: 4.5 Efficiently Manage Event Data for information about how this request is intended to be used.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <RaceRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| EventId | String[3] | Required | ITSP Event ID for the Event. |
| RaceId | Integer | Required | Race identifier (usually a number) |
| TournamentId | String[3] [[7]](#footnote-7) | Optional | If it is given then contest id must be presented. |
| ContestId | String[3] 7 | Optional | If it is given then Tournament id must be presented. It is used to specify only pools that are part of a contest. |
| Program | Boolean | Optional | Whether or not to include program information. |
| Pools | Boolean | Optional | Optional Boolean attribute set to request pool details for all requested race. |
| Runners | Boolean | Optional | Boolean attribute set to request runner details for all requested race. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <RaceResponse> Element

Refer to Section 6.4.2: GetEventDetail <Race> Element response information.

## Wagering Service

The Wagering Service provides operations to enable wagers to be sold, verified and cancelled.

### IssueTicket

The IssueTicket request accepts a complete ticket and issues a request to the tote system to issue the specified ticket. All details of the ticket must be correctly specified, or the request will be rejected with a fault. If one or more computed parameters are not known, the client can call the ValidateTicket operation, which will verify the validity of a ticket and automatically complete the computed fields for you. No wagers will be issued if any wager is invalid unless the Partial attribute is set

*Review the Acceptable Usage section: 4.8 Account Balance Management for information about how this request is intended to be used.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <TicketRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| EventId | String[3] [[8]](#footnote-8) | Required | Contains the ITSP standard event Id for the event on which the wager(s) will be placed. |
| RaceId | Integer [[9]](#footnote-9) | Required | Contains the race number of the race on which the wager(s) will be placed. |
| CurrencyId | String[3] | Required | Contains the 3-character ISO currency identifier of the currency in which the wagers are denominated. It must be a currency allowed by the terminal as defined in the ***ConfigurationResponse****.* If an account is specified the currency specified must match the account currency |
| AccountId | String | Optional | Optional account if not part of a ***Ticket*** request. The account may be specified by any combination of the following attributes. If more than one attribute is specified then all attributes specified must identify the same account.  AccountId – Unique account number.  User (36) – Unique User Name, up to 36 characters identifying an account.  ExternalAccountId- Unique external account reference number. |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| Pin | String[4] | Optional | Optional 4 digit PIN number, validated if specified. |
| PatronId | String[18] | Optional | Optional patron tracking number. This attribute is only present for tickets that are to be credited to a patron tracking account. |
| Parlay | Boolean | Optional | Boolean attribute set if this is a parlay ticket |
| Partial | Boolean | Optional | Boolean attribute set to allow issuance of valid wagers if some wagers are invalid. This option is not valid if Parlay is set. In general this option should only be used with tickets that are part of a multi-race ticket. |
| Wagers | List<Wager> Element | Required | Required contains a Wager element for each wager to place on the ticket. |
| ReferenceId | String | Optional | This value represents a client-specified transaction identifier that is stored in the account transaction record for future correlation between the tote and the client’s database. The length of ReferenceId plus CustomerId which is assigned to the customer by UnitedTote should not exceed 30 characters. If Customer Id is “Customer1” then the maximum length of ReferenceId is 21 characters. |
| NewSession | Boolean | Optional | If a new session is started. |
| ToteError | String | Optional | This is only used in Ticket Validation if the client of ToteLink™ is configured with “ToteException” as false and response will have a tote error. |
| ToteErrorNumber | String | Optional | Optional Tote Error Number |
| Password | String | Optional | validated if specified. |

##### <Wager> Element

|  |  |  |  |
| --- | --- | --- | --- |
| RaceId | Integer | Optional | Race is required if the ticket is a parlay request. This value is used only for parlay wagering. It will be present in the response to an inquiry if the inquired ticket is a parlay sold via other means. |
| PoolId | String (3) | Required in requests | The pool id or pool number in which the wager will be placed. On First Segment Only. |
| BaseAmount | Decimal [[10]](#footnote-10) | Optional | The base amount of the wager. On First Segment Only. If no amount is specified, the base wager amount will be the minimum amount that is valid for the wager. If Auto specified for runners, the base amount must be the minimum if specified. If wager is part of a parlay, then the Amount is only permitted on the first wager of the parlay. |
| Modifier | Enum[“None”, “Wheel”, “Box”, “PowerBox,KeyBox,  KeyWheel,Leading”] | Optional | Modifies the calculation of combinations. If omitted, the default is None (Straight). If more than one runner is specified and the modifier was not specified the wager will become a Wheel. |
| Legs | List<Leg> Element | Required in requests | List of legs. |
| Bets | Integer | Optional | Number of combinations sold.  Present in IssueTicket responses, ignored in requests. |
| Surcharge | Decimal | Optional | Present in IssueTicket responses; indicates surcharge applied for this wager. [[11]](#footnote-11) |
| Total | Decimal | Optional | The total amount of the wager (base amount multiplied by the number of combinations). On First Segment Only, If Auto runners not used. For Auto runner selection, the total wager amount must be specified and indicates the upper limit of the wager cost. If a total is specified it will be validated for non-Auto wager. Total is response only applies to the first wager of a parlay. |
| Quick | Integer | Optional | Optional attribute on first segment only to indicate if the leg runners were selected by a method other than by customer request. The value determines how the runners were quick selected. Value of 1 is reserved to indicate use of button/key and runners were chosen randomly. All other values from 2 to 15 indicate a personality or other method. |
| Only | Boolean | Optional | On first segment only to indicate wager is for Vxy jackpot only. |
| Fractional | Boolean | Optional | Optional attribute on first segment only to indicate wager amount is fractional. |
| Error | <Error> Element | Optional | Wager tote error. |

##### <Leg> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Auto | Boolean | Optional | Optional attribute to indicate runners to be selected automatically by host. Only valid for pools designated for Auto and <TicketRequest> Element <Wager> Element Boolean “Only” is not set. |
| Runners | CompressedList |  | Runner selections for the corresponding leg of the wager segment. [[12]](#footnote-12) If more than one runner is specified and the modifier was not specified the wager will become a Wheel. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <TicketResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| TicketId | String[11] | Required | Ticket Serial Number |
| EventId | String[3] | Required | Ticket Event |
| RaceId | Integer | Required | Ticket Race. For Parlay Tickets, this is the race of the first wager. |
| Total | Decimal | Required | Total amount of the wager(s) including surcharges. |
| CurrencyId | String[3] | Required | Currency ID |
| Wagers | List <Wager> Elemen | Required | List of wagers |
| ReferenceId | String | Optional | This value represents a client-specified transaction identifier that is stored in the account transaction record for future correlation between the tote and the client’s database. |
| Balance | Decimal | Optional | Available patron balance |
| AccountId | String[16] | Optional | Optional account number if specified in request. |
| User | String[36] | Optional | Optional account user if specified in request. |
| ExternalAccountId | String | Optional | Optional account user if specified in request. |
| Coupons | Integer | Optional | Optional indication that coupons are available. |
| Surcharge | Decimal | Optional | Total surcharges. |
| Expiration | String | Optional | Expiration Information |

### ValidateTicket

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

The **ValidateTicket** request accepts a ticket request in the same format as **IssueTicket**. Computed fields (**BaseAmount** and **Total**) may be omitted for this request; they will be computed and added to the response.

##### <TicketRequest> Element

See Section 6.5.1: **IssueTicket** “Request”. *Note that* ***BaseAmount*** *and* ***Total*** *are optional.*

#### Response

For a valid ticket, **ValidateTicket** returns the original request with any computed fields; the response from **ValidateTicket** may be resubmitted without modification to **IssueTicket** in order to actually issue the ticket. If the request is not valid, a fault will be returned.

##### <TicketRequest> Element

See section 6.5.1: IssueTicket Request “**In addition to** the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.*Note: since* ***ValidateTicket*** *returns a ticket request, the* ***RunId*** *and* ***GroupId*** *elements will not be present, as these are not used in requests.*

### CancelTicket

CancelTicket accepts a ticket number and attempts to cancel the ticket. A fault will be returned if the ticket cannot be cancelled.

*Review the Acceptable Usage section: 4.8 Account Balance Management for information about how this request is intended to be used.*

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <CancelRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| TicketId | String[11] | Required | Ticket Serial Number |
| AccountId | String[36] | Optional | Optional account for deposit of funds. If account is specified and ticket is sold from an account, the accounts must match. The account may be specified by any combination of the following attributes. If more than one attribute is specified then all attributes specified must identify the same account.  Account – Unique account number.  User (36) – Unique user name, up to 36 characters, identifying an account.  ExternalAccount – Unique external account reference number. |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| Pin | String | Optional | Optional 4 digit PIN number, validated if specified. |
| ReferenceId | String | Optional | Customer Reference Identification |
| NewSession | Boolean | Optional | Boolean attribute set if a new session is started. |
| Password | String | Optional | validated if specified. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <CancelResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Payoff | <Payoff> Element | Only when there is a Payoff. | Information about the payoff of a ticket. |
| AccountId | String[16] | Optional | Requested account number, if account specified. |
| User | String[36] | Optional | Optional account user if specified in request. |
| ExternalAccount | String | Optional | Optional account user if specified in request. |
| CurrencyId | String[3] | Required | Currency ID |
| TicketId | String[11] | Required | Ticket Serial Number |
| Balance | Decimal | Optional | Available patron balance |
| ReferenceId | String [[13]](#footnote-13) | Optional | This value represents a client-specified transaction identifier that is stored in the account transaction record for future correlation between the tote and the client’s database. |
| Capture | Boolean | Optional | Boolean indicating that ticket should be captured. |
| Claimed | Boolean | Optional | Boolean indicating the ticket was claimed. |
| Voucher | Boolean | Optional | Boolean indicating the ticket was a Voucher. |

### InquireTicket

InquireTicket accepts a ticket number and optional ReferenceId and returns the ticket. The response contains a single Ticket element and echo back of request ReferenceId.

*Review the Acceptable Usage section: 4.3 System Availability and Request Recovery for information about how this request is intended to be used.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <InquireRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| TicketId | String[11] | Optional | Ticket Serial Number. Inquire Request requires only one id given, TicketId, ReferenceId ). |
| ReferenceId | String | Optional | Reference Id of customer |
| AccountId | String[36] | Optional | Optional AccountId, If it is given then will be check. |
| User | String[36] | Optional | Optional User name, If it is given then will be check. |
| ExternalAccountId | String | Optional | Optional External account. , If it is given then will be check. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <InquireResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Ticket | <Ticket> Element | Required | Sale/Pay Ticket |
| AccountId | String | Optional | Optional account associated with the transaction |
| ReferenceId | String | Optional | This value represents a client-specified transaction identifier that is stored in the account transaction record for future correlation between the tote and the client’s database. |

##### <Ticket> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Sale | <Sale> Element | Required | Information about the sale of a ticket. |
| Payoff | <Payoff> Element | Only when there is a Payoff. | Information about the payoff of a ticket. |
| TicketId | String[11] | Required | Ticket serial number |
| TransactionId | String | Optional | Transaction Number |
| PatronId | String[18] | Optional | Account’s associated player tracking number. |
| Parlay | Boolean | Optional | Indicates the ticket is a parlay ticket. |
| Surcharge | Decimal | Optional | The total amount of any surcharges applied to the sale of this ticket. |
| Total | Decimal | Optional | The total cost of the ticket |
| EventId | String[3] | Optional | The event on which the wagers are placed. |
| EventName | String[16] | Optional | Name of the event |
| RaceId | Integer | Optional | Race on which the wagers are placed. Null for Parlay tickets. |
| EventInfo | String[11] | Optional | Any event information |
| EventTime | DateTime | Optional | Event Start Time |
| Performance | String | Optional | System performance ID for the track at which the event takes place. |
| Outs | Boolean | Optional | Indicating ticket is Outs |
| CurrencyId | String[3] | Required | Currency ID Of ticket |

##### <Sale> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Wagers | List <Wager> Element | Optional | List of wagers on this ticket. See Wager above. |
| SourceId | String[6] | Required | System device/terminal ID of the terminal which sold the ticket |
| CurrencyId | String[3] | Required | Currency ID which Ticket was sold |
| Time | DateTime | Optional | Time at which the ticket was sold |
| NotCurrent | Boolean | Optional | Indicates the ticket was sold during a prior run. |
| ReferenceId | String | Optional | Reference number |

##### <Payoff> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Taxes | List <Tax> Element | Optional | Federal tax information |
| Exchange | <Exchange> Element | Optional | Exchange pool information |
| Time | DateTime | Optional | Time of payoff, if ticket was cashed. |
| SourceId | String[6] | Optional | Terminal at which payoff occurred, if ticket was cashed. |
|  |  |  |  |
| CurrencyId | String[3] | Required | Currency ID which Ticket was sold |
| Net | Decimal | Optional | Net payoff amount. Net will be zero if the ticket is not a winner. |
| Gross | Decimal | Optional | Gross winnings |
| Refund | Decimal | Optional | Refunded wagers |
| Pending | Decimal | Optional | Pending taxable winnings |
| Cancel | Boolean | Optional | Indicates the ticket was canceled |
| ReferenceId | String | Optional | Reference Number |
| Credit | Boolean | Optional | Boolean attribute indicating payoff will be a credit to an account. Net payoff should not be considered available cash, but a credit amount to an account. |
| Surcharge | Decimal | Optional | Optionalcash surcharge amount applied to ticket |

##### <Tax> Element

|  |  |  |  |
| --- | --- | --- | --- |
| TaxName | String | Required | Name of the tax |
| Taxable | Decimal | Optional | Amount of taxable winnings. |
| TaxAmount | Decimal | Optional | Amount of tax owed |
| Special | Boolean | Optional | Indicates ticket is subject to alien withholding |

##### <Exchange> Element

|  |  |  |  |
| --- | --- | --- | --- |
| EventId | String[3] | Required | Event ID of the next part of the exchange. |
| RaceId | Integer | Required | Race for the next part of the exchange. |
| PoolId | String[3] | Required | Pool for the next part of the exchange. |
| ExchangeAmount | Decimal | Required | Amount eligible to exchange. |

## PoolInfo Service

The PoolInfo service allows client applications to retrieve pool totals and 1x/2x pool matrices.

### GetMatrix

The GetMatrix request returns a 1- or 2-dimensional matrix of the pool distribution for a specified 1x/2x pool.

*Review the Acceptable Usage section: 4.7 Timely and Efficient Updates of Odds, Probables, and WillPays for information about how this request is intended to be used.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <MatrixRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| EventId | String[3] | Required | Event ID of the pool to retrieve. |
| RaceId | Integer | Required | Race number of the pool to retrieve. For a multi-race pool (e.g. DD) this should be the first race of the pool. |
| PoolId | String (3) | Required | The Pool id or Pool Number of the pool to retrieve. |
| MatrixFormat | Enum[“Prices”, “Odds”,”Morning”,”Pool”] | Optional | The desired format for the returned results. Prices returns formatted data in the form of a price, while Odds returns the industry standard fractional odds format.  Morning Line odds Valid only for WIN pool. Exact formatting is determined by the display configuration within the tote system. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <MatrixResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| EventId | String[3] | Required | The event ID of the event from which the matrix is generated. |
| RaceId | Integer | Required | The race number of the race from which the matrix is generated. For multi-race pools, this is the first race in the pool. |
| PoolId | String[3] | Required | The Pool ID of the pool from which the matrix is generated |
| CurrencyId | String[3] | Required | The event currency Id |
| Timestamp | DateTime | Required | The time at which the matrix was generated. |
| PoolName | String[12] | Optional | Pool Name |
| MorningLine | Boolean | Optional | Indicates whether the matrix represents Morning Line odds. Valid only for WIN pool. |
| Final | Boolean | Optional | Indicates whether the odds are final odds generated after post. |
| Symmetric | Boolean | Optional | Indicates whether the matrix is symmetrical (for unordered pools, e.g. QU. The returned matrix will include only the upper half.) |
| Total | Decimal | Optional | The total live money in the pool. |
| PriceBaseWager | Decimal | Optional | Wager amount needed to receive Price. |
| NumberOfRunners | Integer | Optional | Number of runner elements for 3x pool. |
| NumberOfRows | Integer | Optional | The number of rows in the matrix. |
| NumberOfColumns | Integer | Optional | The number of columns in the matrix. (Only applies to the first row of a symmetric matrix.) |
| Runners | List <Runner> Element | Optional | List of runner element for pool more than 2 legs. |
| Rows | List <Row> Element | Optional | If the pool is more than one leg, there will be one row for each runner of the n-1 leg of the pool. |

##### <Runner> Element

|  |  |  |  |
| --- | --- | --- | --- |
| RunnerNumber | Integer | Required | Leading runner number for 3x pool |
| NumberOfRows | Integer | Required | Number of row elements in matrix for designated runner. |
| Rows | List <Row> Element | Optional | There will be one row element for each runner in the second leg of the pools. |
| Columns | List <Column> Element | Optional | There will be one column element for each runner in the third leg of pool. |

##### <Row> Element

|  |  |  |  |
| --- | --- | --- | --- |
| RowNumber | Integer | Required | Row number |
| NumberOfColumns | Integer | Optional | Maximum number of columns in matrix for 3x pool. |
| Columns | List <Column> Element | Optional | Contains a column element for each column of matrix |

##### <Column> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Column Number | Integer | Required | Column number |
| Invalid | Boolean | Optional | Data/noData |
| Scratched | Boolean | Optional | Whether the runner is scratched |
| Direction | Enum{“NoChange,Up,Down | Optional | Contains direction of odds change |
| Total | Decimal | Optional | Gross amount of money bet on this runner combination. Only available if the gross pool is available, the combination is not invalid or a scratch, and Morning line odds not requested. |
| Price | Decimal | Optional | Price for this runner combination. Only available if the combination is not Invalid or a Scratch and the Total is not zero. Not available for the Place or Show pools, or Morning Line Odds. |
| Formatted | String | Optional | Formatted Price |

### GetPoolTotals

The GetPoolTotals operation retrieves pool totals for all pools in a given race.

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <TotalsRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| EventId | String[3] | Required | Event ID of the event from which to retrieve pool totals. |
| RaceId | Integer | Required | Race from which to retrieve pools totals. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <TotalsResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| EventId | String[3] | Required | Event ID of the event from which pools were obtained. |
| RaceId | Integer | Required | Race from which pools were obtained. |
| CurrencyId | String[3] | Required | The event currency Id |
| Timestamp | DateTime | Required | Date and time at which pool totals were obtained. |
| PoolTotals | List <PoolTotal> Element | Optional | List of pools and totals for the specified event and race. |

##### <PoolTotal> Element

|  |  |  |  |
| --- | --- | --- | --- |
| PoolId | String[3] | Required | Group Pool ID for the specified pool. |
| PoolName | String[12] | Optional | Group Pool Name for the specified pool. |
| Final | Boolean | Optional | Indicates whether the total is final. |
| Total | Decimal | Optional | Current pool total as of the time indicated. |
| Handle | Decimal | Optional | Pool total, less pending refunds due to late scratches. |
| Net | Decimal | Optional | Pool handle with all commissions removed. |

### GetWillpays

The GetWillpays request returns a willpays information for each willpay pool in the given event and race.

*Review the Acceptable Usage section: 4.7 Timely and Efficient Updates of Odds, Probables, and WillPays for information about how this request is intended to be used.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <WillpaysRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| EventId | String[3] | Required | Event ID of the willpay pool to retrieve. |
| RaceId | Integer | Required | Race number of the willpay pool. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <WillpaysResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| EventId | String[3] | Required | The event ID of the event from which the willpay is generated. |
| RaceId | Integer | Required | The race number of the race from which the willpay is generated. |
| CurrencyId | String[3] | Required | The event currency Id |
| WillpayName | String[16] | Optional | Name of event or race |
| Pools | List<PoolWillpays> Element | Optional | Pool Name |

##### <PoolWillpays> Element

|  |  |  |  |
| --- | --- | --- | --- |
| PoolId | String[3] | Required | Willpay Pool Id |
| PoolName | String[12] | Optional | Pool Name |
| Live | Decimal | Optional | Live money in pool |
| RaceId | Integer | Required | First Race for the pool |
| Wager | Decimal | Optional | Wager amount |
| Willpays | List<Willpay> Element |  |  |

##### <Willpay> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Pay | <Pay> Element | Optional | Pay Information |
| Finish | String[40] | Optional | Order Of Finish for the first n-1 races |

##### <Pay> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Runner | Integer | Required | Runner number receiving this price |
| Required | Integer | Required | Number of winners required to receive this price |
| Scratched | Boolean | Optional | Runner is scratched |
| NoMoney | Boolean | Optional | No winning money |
| Price | Decimal | Optional | Runner’s price if not scratched and there is winning money |
| Formatted | String | Optional | Formatted Price |

## Result Service

The results service allows retrieval of race results and prices for races which have been made official. The service has a single operation, GetResult.

### GetResult

The GetResult operation retrieves the results and prices for a single race.

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <ResultRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| EventId | String[3] | Required | Event from which to retrieve results. |
| RaceId | Integer | Required | Race from which to retrieve results. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <ResultResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| EventId | String[3] | Required | Event from which the results were retrieved |
| EventName | String[16] | Optional | Event Name |
| RaceId | Integer | Required | Race from which the results were retrieved |
| CurrencyId | String[3] | Required | The event currency Id. |
| RaceResults | <RaceResults> Element | Optional | Final race results |
| PoolPrices | List<PoolPrice> Element | Optional | List of PoolPrice elements, one for each pool priced in the race. |

##### <RaceResults> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Positions | List<Position> Element | Optional | One element per finish position. |
| Winners | String[80] | Optional | Formatted order of finish |
| Scratches | CompressedList(80) | Optional | Compressed list of scratched runners in this race |

##### <Position> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Finishers | List<Finisher> Element | Required | List of runners finishing in this position |
| PositionId | Integer | Required | Indicates the location of this position in the sequence |

##### <Finisher> Element

|  |  |  |  |
| --- | --- | --- | --- |
| RunnerId | Integer | Required | Runner ID for this finisher |
| EntryId | String[1] | Optional | Entry ID for this finisher; null for default entry. |
| Name | String[25] | Optional | Entry name, if available |
| Jockey | String[25] | Optional | Jockey name, if available |

##### <PoolPrice> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Prices | List<Price> Element | Optional | A Price element for each price paid for the current pool. |
| PoolId | String[3] | Required | Pool ID for this pool |
| PoolName | String[12] | Optional | Pool name for this pool |
| Refund | Boolean | Optional | Indicates if the pool is being refunded |
| CarryOver | Decimal | Optional | Amount of the pool carried over to the next pool |

##### <Price> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Finish | String[80] | Required | Order of finish for which this price is valid |
| Exchange | Boolean | Optional | Indicates the price is an exchange |
| Hold | Boolean | Optional | Indicates payment of tickets on this price is held |
| Winnings | Decimal | Optional | Total winnings paid on this price |
| Wager | Decimal | Optional | Wager required to receive this price |
| PriceAmount | Decimal | Optional | The price paid for the indicated wager amount |
| Required | string | Optional | Indicates the number of correct selections required to receive this price. |
| Payoff | Decimal | Optional | Total Payoff for this price. |

## Transaction Service

The transaction service allows clients to perform account transactions and related account operations. In addition, the service provides operations to retrieve transaction information from an account.

### AccountTransaction

The AccountTransaction operation permits a client to deposit or withdraw account funds, or adjust the balance of an account or transfer money from one account to other.

*Review the Acceptable Usage section: 4.8 Account Balance Management for information about how this request is intended to be used.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <TransactionRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| TransactionType | Enum[“Deposit”, “Withdrawal”, “Adjust”,”Transfer”,  “Charge”] | Required | Indicates the type of transaction to be performed. |
| AccountId | String | Required | Required account. The account may be specified by any combination of the following attributes. If more than one attribute is specified then all attributes specified must identify the same account.  Account – Unique account number.  User (36) – Unique user name, up to 36 characters, identifying an account.  ExternalAccount – Unique external account reference number. |
| User | String[36] | Optional | User name |
| ExternalAccoutId | String | Optional | External Account |
| Pin | String | Optional | Pin. validated if specified. |
| CurrencyId | String[3] | Required | Currency ID which the account is created on. |
| Amount | Decimal | Required | The amount of the transaction. Required for all transaction types except **Withdrawal** or **Transfer**. If no amount is specified for a **Withdrawal** or **Transfer**, the entire current balance of the account is used. If the amount is negative for a deposit, withdrawal or charge, this is considered a reversing transaction and does not apply to **Transfer**. **Transfer** transactions are only allowed between accounts with the same currency. |
| Hold | Integer | Optional | Optional number of days to hold the deposit for Funds not Cash. Hold only applies to a deposit transaction. The Hold value must be 0 to 99 days. For Funds of Check, if Hold is not specified the default hold criteria will be used. If Hold is specified it must not be less than the configured hold days. |
| ReferenceId | String | Optional | External reference ID for this transaction. (Used for correlating client and tote data). If the transaction type is a Transfer this reference applied to the withdrawal portion of the transfer. |
| AccountingId | Integer | Optional | External reference number for this transaction. (Specific to account balance transactions; use is up to the client organization.) If Transfer, the AccountingId applies to the withdraw portion of the transfer. |
| toAccountId | String | Optional | Required account for transaction type of Transfer to receive the funds of the transfer. The account may be specified by any combination of the following attributes. If more than one attribute is specified then all attributes specified must identify the same account.  Account – Unique account number.  User (36) – Unique user name, up to 36 characters, identifying an account.  ExternalAccount – Unique external account reference number. |
| toPinId | String | Optional | Optional 4 digit PIN number of account receiving the transferred funds and validated if present. Only valid for transaction Type of ‘Transfer’. |
| toReferenceId | String | Optional | Optional transaction reference number for deposit portion of the **Transfer**. Only valid for transaction **Type** of ‘*Transfer* |
| FundsType | Enum[“Cash”, “Check”, “Electronic”] | Optional | Optional type of funds used for a deposit or withdrawal. If Funds is not specified, then Cash will be used. |
| toAccountingId | Integer | Optional | Optional transaction reference number for deposit portion of the Transfer. Only valid for transaction Type of ‘Transfer’. |
| Reason | String[20] | Optional | Optional transaction reason for Charge transaction to describe the reason for the charge. |
| ToUser | String[36] | Optional | User name |
| ToExternalAccoutId | String | Optional | External Account |
| Password | String | Optional | validated if specified. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <TransactionResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String[16] | Optional | A copy of Request Account |
| CurrencyId | String[3] | Required | Currency ID which the account is created on. |
| Amount | Decimal | Required | The amount requested for the generated transaction |
| Balance | Decimal | Required | The new balance of the account after the transaction completes. |
| ReferenceId | String | Optional | Echo of the reference ID passed by the client. |
| AccountingId | Integer | Optional | Echo of the reference number passed by the client. |
| TransactionType | Enum[“Deposit”, “Withdrawal”, “Adjust”,”Transfer”] | Required | A copy of the requested transaction type. |
| toAccountId | String | Optional | A copy of the requested to account for Transfer. |
| toBalance | Amount | Optional | Available toAccount balance after transaction. For Transfer |
| toReferenceId | String | Optional | Echo of the request to reference. For Transfer. |
| toAccountingId | Integer | Optional | Echo of the request toAccountingId for Transfer |
| User | String[36] | Optional | User name |
| ExternalAccoutId | String | Optional | External Account |
| toUser | String | Optional | A copy of toUser account |
| toExternalAccount | String | Optional | A copy of toExternalAccount. |

### BillTransaction

The BillTransaction operation permits a client to deposit or withdraw account using bills.

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <BillRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| ReferenceId | String | Optional | Optional transaction reference number. |
| NewSession | Boolean | Optional | Optional Boolean attribute to designate the beginning of a new session |
| CurrencyId | String[3] | Required | Currency ID which the account is created on. |
| BillMoves | List <BillMove> Element | Required | One Bill Move element, up to 10, is required to designate the denomination and count of bills in/out of a specified box |

##### <BillMove> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Box | Enum[“Bank”, “Drop”,”Recycler0”, “Recycler1”,”Recycler2”, ”Recycler3”]. | Required | Enum[“Bank”, “Drop”,”Recycler0”, “Recycler1”,”Recycler2”, ”Recycler3”] |
| Count | Integer | Required | The number of bills. Required where a negative value represents bills moving out of specified Box. A positive value represents bills moving into specified Box |
| Denomination | Decimal | Required | Required amount of denomination being moved. If Denomination is missing or zero, the amount is considered unspecified and the Count specified has no monetary value but will update the bill counts for the specified Box. If the Denomination is specified it must be valid for the specified Box |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <BillResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| ReferenceId | String | Optional | Echo of the reference ID passed by the client. |
| CurrencyId | String[3] | Required | Currency ID which the account is created on. |
| Disabled | Boolean | Optional | Optional Boolean to designate the accepting of bills is disabled due to configured threshold triggers. |
| BillMoves | List <BillMove> Element | Required | One Move element, up to 20, is required to designate the denomination and count of bills in/out of a specified box |

### Alert

The Alert request is used to send an alert to the Tote System. If no attributes are specified, the Alert is generic.

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <AlertRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Printer | Enum[“Failure”,”Paper”,”Info”,”Cancel”] | Optional | Optional attribute indicating a printer alert. Failure or out of paper. |
| Reader | Enum[“Failure”,”Misread”, ”Jam”,”Full”,”Info” ] | Optional | Optional attribute indicating a reader alert. Failure or Ticket number misread or document jam or stacker id full. |
| Form | Enum[“CTR”,”FTR”,”Form8300”] | Optional | Optional attribute indicating a form alert. |
| BAM | Enum[“Failure”,”Full”, “Empty”,”Removed”, ”Attached”, “Info”] | Optional | Optional attribute indicating a BAM alert. Failure or cash box full or cash box empty or cash box removed or cash box attached. |
| Box | Enum[“Bank”, “Drop”,”Recycler0”, “Recycler1”,”Recycler2”,”Recycler3”] | Optional | Optional Attribute designing cash for BAM or CDM alert  Bank (BAM ONLY)  Drop (Default BAM ONLY)  0-3 Box Number |
| Ticket | String | Optional | Required ticket number, if Reader value is Misread or Printer value is Cancel. |
| CurrencyId | String[3] | Optional | Currency Id. If the amount is given this is required. |
| Amount | Decimal | Optional | Required form reported amount, if Form specified |
| TextMessage | String[60] | Optional | Text describing alert details truncated to 60 characters. Required for generic alerts or Info specified for Reader, Printer or BAM. Not used for Printer Cancel. |
| CDM | Enum[“Failure”, “Empty”,”Removed”, ”Attached”, “Info”] | Optional | Optional attribute indicating a CDM Alert. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <AlertResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Disabled | Boolean | Optional | Optional attribute to indicate BAM is disabled |

### AccountLogOn

The system currently has no concept of a session. This operation is provided solely to allow a client application to validate a user’s PIN prior to permitting access.

*Review the Acceptable Usage section: 4.8 Account Balance Management for information about how this request is intended to be used.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <LogonRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Required account. The account may be specified by any combination of the following attributes. If more than one attribute is specified then all attributes specified must identify the same account.  Account – Unique account number.  User (36) – Unique user name, up to 36 characters, identifying an account.  ExternalAccount – Unique external account reference number |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| Pin | String | Required | PIN to validate |
| ReferenceId | String | Optional | External reference ID for this transaction. (used for correlating client and tote data). |
| Password | String | Optional | Validate if entered. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

A failed LogonRequest will return a fault message. A successful LogonRequest will return the following:

##### <LogonResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | The account number of the requested account |
| User | String[36] | Optional | Optional account user, if specified in request |
| ExternalAccount | String | Optional | Optional external account number, if specified in request |
| Email | String[36] | Optional | Account Email. |
| ReferenceId | String | Optional | Transaction reference. |
| AccountGroupId | String[3] | Optional | Account Group |
| FirstName | String[17] | Optional | First Name of account holder |
| MiddleInitial | String[1] | Optional | Middle name of account holder |
| LastName | String[25] | Optional | Last name of account Holder |
| PatronId | String[18] | Optional | Patron number |
| TournamentId | String[3] | Optional | Tournament Id. If contest id is given then tournament id must be presented. |
| ContestId | String[3] | Optional | Contest id. If the tournament id is given then contest id must be presented. |
| CurrencyId | String[3] | Required | Currency ID used by account. |
| VIP | Boolean | Optional | VIP |
| Coupons | Boolean | Optional | If coupons are available |
| Verified | Boolean | Optional | Boolean attribute set if the account has been verified |
| TemporaryPIN | Boolean | Optional | Optional Current PIN is temporary and needs to be changed using AccountUpdate and NewPIN |
| Language | String | Optional | Optional preferred language id (ISO 639-2 code (3 characters)). If not specified there is no preferred language |
| Balance | Decimal | Optional | Available Balance |
| Pending | Boolean | Optional | If account has pending winnings. |
| TransactionId | String | Optional | Last transaction number generated for account |
| NoPhrase | Boolean | Optional | No security passphrase is set in an account. |
| Exchanges | List <Exchange> Element | Optional | There will be one exchange element for each pending exchange pool. |
| Charities | List <String> Element | Optional | There will be one charity ID for each available charity. |
| AutoDonate | Boolean | Optional | Optional Boolean indicating that the account auto donates on winnings. |
| DonateDays | Integer | Optional | Optional Integer indicating the number of days the auto donations will occur from initial opt-in. If the value is zero , then the auto donate has no ending. |

### AccountLogOff

The system currently has no concept of a session. This operation is provided solely to allow a client application to log activity to the tote system.

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <LogoffRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Required account. The account may be specified by any combination of the following attributes. If more than one attribute is specified then all attributes specified must identify the same account.  Account – Unique account number.  User (36) – Unique user name, up to 36 characters, identifying an account.  ExternalAccount – Unique external account reference number |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| Pin | String | Optional | Optional 4 digit PIN, verified if supplied |
| ReferenceId | String | Optional | External reference ID for this transaction. (Used for correlating client and tote data). |
| Password | String | Optional | Validate if entered. |
| AutoDonate | Boolean | Optional | Optional Boolean indicating that the account auto donates on winnings. |
| DonateDays | Integer | Optional | Optional Integer indicating the number of days the auto donations will occur from initial opt-in. If the value is zero , then the auto donate has no ending.. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

A failed LogoffRequest will return a fault message. A successful LogoffRequest will return the following:

##### <LogoffResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Echo of request account number. |
| User | String[36] | Optional | Optional account user, if specified in request |
| ExternalAccount | String | Optional | Optional external account number, if specified in request |
| ReferenceId | String | Optional | Transaction reference. |
| CurrencyId | String[3] | Optional | Currency used by account. If balance is given this field is Required. |
| Balance | Decimal | Optional | Balance of account when closed. |

### AccountStatus

The AccountStatus operation is used to obtain current information about a specific account, such as wager totals, current balance, etc.

*Review the Acceptable Usage section: 4.8 Account Balance Management for information about how this request is intended to be used.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <StatusRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Required account. The account may be specified by any combination of the following attributes. If more than one attribute is specified then all attributes specified must identify the same account  Account – Unique account number.  User (36) – Unique user name, up to 36 characters, identifying an account.  ExternalAccount – Unique external account reference number. |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| Pin | String | Optional | Optional 4 digit PIN number, validated is specified |
| ReferenceId | String | Optional | External reference ID for this transaction. (Used for correlating client and tote data). |
| Password | String | Optional | validated if specified. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <StatusResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Account number, if specified in request. |
| User | String[36] | Optional | Account user, if specified in request. |
| ExternalAccount | String | Optional | External Account reference number, if specified in request. |
| ReferenceId | String | Optional | Echo back the External requested reference ID |
| CurrencyId | String[3] | Required | Currency Id which the account is created on. |
| AccountGroupId | String | Optional | Owning group for patron. |
| AccountHolder | String | Optional | The accountholder’s name. |
| TransactionId | String | Optional | Tote transaction ID for the last transaction on this account during the current run. |
| Balance | Decimal | Optional | The account’s current balance |
| Winnings | Decimal | Optional | The account’s current total winnings |
| TournamentId | String[3] | Optional | Tournament Id |
| ContestId | String[3] | Optional | Contest Id |
| Wagers | Integer | Optional | Number Of wagers Made on contest. |
| Wagered | Decimal | Optional | Amount wagered on contest. |
| TournamentRank | Integer | Optional | Tournament Ranking |
| TournamentPrize | String | Optional | Amount or description if non-cash prize |
| ContestRank | Integer | Optional | Contest Ranking |
| ContestPrize | String | Optional | Amount or description if non-cash prize |
| Consolation | String | Optional | Amount or description if non-cash prize |
| FreeContest | String[3] | Optional | Free entry contest Id |
| FreeAccount | String[16] | Optional | Account number for free entry |

### AccountSummary

The account summary request retrieves a summary of transaction activity for the current run.

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <SummaryRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Required account. The account may be specified by any combination of the following attributes. If more than one attribute is specified then all attributes specified must identify the same account.  Account – Unique account number.  User (36) – Unique user name, up to 36 characters, identifying an account.  ExternalAccount – Unique external account reference number |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| Pin | String | Optional | PIN to validate |
| ReferenceId | String | Optional | External reference ID for this transaction. (Used for correlating client and tote data). |
| Password | String | Optional | Validate if entered. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <SummaryResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | The account ID to which the response applies |
| User | String[36] | Optional | Optional account user, if specified in request |
| ExternalAccount | String | Optional | Optional external account number, if specified in request |
| ReferenceId | String | Optional | Echo back the External requested reference ID |
| CurrencyId | String[3] | Required | Currency Id which the account is created on. |
| Deposits | <SummaryRecord> Element | Optional | Summary of deposit activity |
| Withdrawals | <SummaryRecord> Element | Optional | Summary of withdrawal activity |
| Adjustments | <SummaryRecord> Element | Optional | Summary of account balance adjustments |
| Wagers | <SummaryRecord> Element | Optional | Summary of wager activity |
| Winnings | <SummaryRecord> Element | Optional | Summary of winning tickets |
| Cancellations | <SummaryRecord> Element | Optional | Summary of cancelled tickets |
| Interest | <SummaryRecord> Element | Adjustments | <SummaryRecord> Element |
| Withholding | Summary of account balance adjustments | Optional | Summary of account balance adjustments |
| Charges | <SummaryRecord> Element | Wagers | <SummaryRecord> Element |
| Refunds | Summary of wager activity | Optional | Summary of wager activity |
| Donation | <SummaryRecord> Element | Optional | Summary of Donation. |

##### <SummaryRecord> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Count | Long | Required | The number of transactions for the indicated category |
| Amount | Decimal | Required | The sum of all transactions in the indicated category |

### AccountReview

The Account Review operation permits clients to retrieve detailed transaction information for all transactions in the current run. Transactions can be retrieved starting with the most recent transaction or starting where a previous call left off, and may retrieve all transactions or limit retrieval to a specific number of transactions and/or transactions after a given point in time.

*Review the Acceptable Usage section: 4.8 Account Balance Management for information about how this request is intended to be used.*

*Review the Acceptable Usage section: 4.4 Utilize a Cache for information about how this request is intended to be used.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <ReviewRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Required account. The account may be specified by any combination of the following attributes. If more than one attribute is specified then all attributes specified must identify the same account.  Account – Unique account number.  User (36) – Unique user name, up to 36 characters, identifying an account.  ExternalAccount – Unique external account reference number |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| Pin | String | Optional | Optional 4 digit PIN number, validated if specified |
| ReferenceId | String | Optional | External reference ID for this transaction. (Used for correlating client and tote data). |
| EventId | String[3] | Optional | If specified, response will be limited to wagers, winnings and cancellations on the specified event. |
| RaceId | Integer | Optional | If specified, response will be limited to the specified race. EventId is required if RaceNumber is provided. |
| Next | String | Optional | Transaction ID of the transaction to start with. If not specified, the most recent transaction is returned. |
| Last | String | Optional | Transaction ID of the most recent transaction the client already has. Only transactions newer than this will be returned. If omitted, all transactions will be returned starting at the beginning of the run. |
| Count | String | Optional | If specified, this will limit the number of transactions returned in a single call to the number specified. If omitted, the first matching transaction will be returned. The Max will be 100. |
| Cash | Boolean [[14]](#footnote-14) | Optional | If specified, cash transactions (deposits, withdrawals, adjustments) will be included. |
| Sales | Boolean 14 | Optional | If specified, ticket sales will be included. |
| Payoffs | Boolean 14 | Optional | If specified, ticket cancellations and winning tickets will be included |
| Pending | Boolean14 | Optional | If specified, pending taxable winning tickets will be included. |
| Password | String | Optional | validated if specified. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <ReviewResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Optional account number, if specified in request |
| User | String[36] | Optional | Optional account user, if specified in request |
| ExternalAccount | String | Optional | Optional external account number, if specified in request |
| ReferenceId | String | Optional | Echo back the External requested reference ID |
| Next | String | Optional | Transaction ID of the next transaction to be retrieved if the Count parameter was specified and additional transactions exist which match the request. Should be echoed as the Next parameter of the subsequent request. |
| Tickets | List <Ticket> Element | Optional | List of tickets matching the query. Note that a record will appear for both sell and payoff. |
| Transactions | List <ReviewTransaction> Element | Optional | List of cash transactions matching the query. |
| Count | Interger | Required | The number of transactions returned. |
| CurrencyId | String[3] | Required | Currency id |
| Balance | Decimal | Required | Available Balance. |

##### <ReviewTransaction> Element

|  |  |  |  |
| --- | --- | --- | --- |
| TransactionId | String | Required | Account transaction number. Can be used as Next or Last in a new request. |
| TransactionType | Enum[“Deposit”, “Withdraw”, “Adjust”, “Interest”, “Charge”, “Entry”,”Donation”] | Required | Indicates the transaction type |
| SourceId | String[6] | Required | Indicates the device or user who initiated the transaction |
| Time | DateTime | Required | The date and time at which the transaction occurred. |
| FundsType | Enum[“Cash”, “Check”, “Electronic”] | Optional | Optional type of funds used for a deposit or withdrawal. |
| ReferenceId | String | Optional | The external reference provided by an external client executing the transaction. |
| AccountingId | Integer | Optional | Administrative reference number provided by the user entering the transaction. |
| Amount | Decimal | Optional | Amount of the transaction. |
| CurrencyId | String[3] | Required | Currency of transaction. |

### AccountInquiry

The Account Inquiry operation permits clients to retrieve detailed transaction information based on given customer’s reference number.

*Review the Acceptable Usage section: 4.3 System Availability and Request Recovery for information about how this request is intended to be used.*

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <InquiryRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| ReferenceId | String | Optional | Reference Id of a non-money transaction. If Reference Id is given and money id is given then Money Id Will be used. |
| AccountId | String[36] | Optional | Optional AccountId, If it is given then will be check |
| User | String[36] | Optional | Optional User Name, If it is given then will be check |
| ExternalAccountId | String[36] | Optional | Optional External AccountId, If it is given then will be check |
| Money | String | Optional | Optional Money id reference. If it is given then it will be used for reference id. |
| Pin | String | Optional | validated if specified. |
| Password | String | Optional | validated if specified. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

An AccountInquiry request may return ReviewTicket and/or ReviewTransaction. Review Ticket and ReviewTransaction are defined in AccountReview section. It also returns optional AccountId, Optional ToteBillResponse , and optional User associated with the transaction.

##### <InquiryResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String[16] | Optional | Request account number |
| Ticket | <Ticket> Element | Optional | Ticket Element |
| Transaction | <ReviewTransaction> Element | Optional | Transaction Element. |
| Bill | List <BillMove> Element | Optional | If money provided then if transaction is bill then BillMove is returned. |
| Coin | List <CoinMove> Element | Optional | If money transaction is Coin then CoinMove will be returned |
| ReferenceId | String | Required | Echo of ReferenceId. |

### GetBAMInfo

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

##### <BAMRequest> Element

The BAMRequest request accepts optional Box attribute.

|  |  |  |  |
| --- | --- | --- | --- |
| Box | String | Optional | All (default setting if not specified)  Bills  Bank  Drop  Recycler number(0-3) |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <BAMResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| CurrencyId | String | Optional | Currency assigned BAM and all amounts within boxes |
| Disabled | Bool | Optional | Bam is disabled |
| Bill | List<Bill> Element | Optional | There will be one ***Bill***element for each bill denomination accepted by the BAM. |
| Bank | <Bank> Element | Required | Cash “In” reserve for recycler to pull bills, if needed. Draws are made into the ***Bank*** |
| Drop | <Drop> Element | Required | Cash “Out” depository drop box for recycler to place unused bills. Returns come out of the Drop. |
| Recycler | List<Recycler> Element | Optional | There will be one Recyclerelement for each Recycler defined for the Recycler. If a Recyclerelement is not present the Recycler is not used. |

##### <Bill> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Amount | Decimal | Required | Bill Amount to be accepted by source. |

##### <Bank> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Bills | Integer | Required | The number of bills in the bank box. |
| Amount | Decimal | Required | The value of all bills in the bank box. |

##### <Drop> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Bills | Integer | Required | The number of bills in the drop box. |
| Amount | Decimal | Required | The value of all bills in the drop box. |

##### <Recycler> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Box | Integer | Required | Recycler box number |
| Escrow | Boolean | Optional | Optional Boolean attribute designating recycler box for use as a BAM escrow box. |
| Denomination | Decimal | Optional | Optional amount designated for all bills in the recycler box. If no **Denomination** is specified, the recycler box can only be used for **Escrow** purposes |
| Bills | Integer | Optional | Optional number of bills of specified denomination in the recycler box if Denomination is specified. |
| Amount | Decimal | Optional | Optional value of all bills in the recycler box if Denomination is specified |

### GetCDMInfo

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

##### <CDMRequest> Element

The CDMRequest request accepts optional coin box attribute.

|  |  |  |  |
| --- | --- | --- | --- |
| Box | String | Optional | Optional coin box.  All (default setting if not  specified)  Box number (0-3) |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <CDMResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| CurrencyId | String | Optional | Currency assigned BAM and all amounts within boxes |
| Dispense | String | Optional | Method of disposing of coins.  Min – Dispose minimum number of coins.  Even – Dispose coins evenly over time. |
| Disabled | Bool | Optional | CDM is disabled |
| CDMBox | List <CDMBox> Element | Optional | There will be one ***Box*** element for each Box defined for the BAM. If a ***Box*** element is not present the Box is not used. |

##### <CDMBox> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Box | Integer | Required | Coin box number |
| Denomination | Decimal | Required | Required amount designated for all coins in the box. |
| Coins | Integer | Required | Required number of coins of specified denomination. |
| Amount | Decimal | Required | Required value of all Coins of specific denomination. |

### CreateW2G

The CreateW2G operation permits a client to request a W2G.

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <W2GRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| TaxYear | String | Required | Tax year of submitted W2G. |
| Gross | Decimal | Required | Amount of gross winnings from taxed ticket |
| Identical | Decimal | optional | Amount of identical winnings from taxed ticket |
| FederalTaxable | Decimal | Optional | Amount of winnings that is taxable for federal. Either federal taxable or state taxable must be specified. |
| FederalTax | Decimal | Required | Required amount of Federal tax withheld. Zero for signor, if Federal Taxable is specified. |
| StateTaxable | Decimal | Optional | Amount of winnings that is taxable for state. Either federal taxable or state taxable must be specified. |
| StateTax | Decimal | Required | Required amount of State tax withheld. Zero for signor, if State Taxable is specified. |
| Ticket | String | Required | Ticket number of taxed winnings. |
| Type | Horse (Default)  Dog  Jai Alai  Lottery  Keno  Bingo  Slot  Pocker  Other | Optional | Optional Type of wagering from taxed ticket. |
| Track | String | Required | Required Track Id of taxed ticket. If type is Horse, Dog, Jai Alai, or other. |
| Race | Integer | Required | Required race number of taxed ticket, If type is Horse, Dog, Jai Alai, or other. |
| Wager | String | Required | Required wager id of Taxed Ticket, If type is Horse, Dog, Jai Alai, or other. |
| Window | String | Required | Window/Terminal id of taxed ticket was cashed. |
| Seller | String | Required | Seller id cashed taxed ticket. |
| SoldTime | DateTime | Required | Time ticket was sold. |
| CashedTime | DateTime | Required | Time ticket was cashed |
| Taxid | String | Required | Tax id of payee |
| FirstName | String | Required | First Name of payee |
| Initial | String | Optional | Middle initial of payee |
| LastName | String | Required | Last name of payee |
| Address | String | Required | Street address of payee |
| City | String | Required | City address of payee |
| State | String | Required | State address of payee |
| Zip | String | Required | Zip address of payee |
| Country | String | Required | Country address of payee |
| FirstId | String | Optional | Optional payee id information |
| SecondId | String | Optional | Optional payee id information |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <W2GResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccessNumber | String | Required | Assigned access number for requested W2G |

### CoinTransaction

The CoinTransaction operation permits a client to deposit or withdraw account using coins.

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <CoinRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| ReferenceId | String | Optional | Optional transaction reference number. |
| NewSession | Boolean | Optional | Optional Boolean attribute to designate the beginning of a new session |
| CurrencyId | String[3] | Required | Currency ID which the account is created on. |
| CoinMoves | List <CoinMove> Element<BillMove> Element | Required | One CoinMove element, up to 10, is required to designate the denomination and count of coins in/out of a specified box |

##### <CoinMove> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Box | Enum[“Bank”, “Drop”,”0”, “1”,”2”, ”3”]. | Required | Enum[“Bank”, “Drop”,”0”, “1”,”2”, ”3”] |
| Count | Integer | Required | The number of coins. Required where a negative value represents coins moving out of specified Box. A positive value represents coins moving into specified Box |
| Denomination | Decimal | Optional | Optional amount of denomination being moved. If Denomination is missing or zero, the amount is considered unspecified and the Count specified has no monetary value but will update the coin counts for the specified Box. If the Denomination is specified it must be valid for the specified Box |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <CoinResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| ReferenceId | String | Optional | Echo of the reference ID passed by the client. |
| CurrencyId | String[3] | Required | Currency ID |
| Disabled | Boolean | Optional | Optional Boolean to designate the accepting of coin is disabled due to configured threshold triggers. |
| CoinMoves | List <CoinMove> Element | Required | One CoinMove element, up to 10, is required to designate the denomination and count of coins in/out of a specified box |

### Donation

The Donation Transaction operation permits a client to request donation.

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <DonationRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| CharityId | String | Required | Charity Id |
| NewSession | Boolean | Optional | Optional Boolean attribute to designate the beginning of a new session |
| AccountId | String | Optional | Optional Account Access. |
| User | String[36] | Optional |  |
| ExternalAccountId | String | Optional | External Account |
| Pin | String | Required | PIN to validate |
| Password | String | Optional | Validate if entered. |
| CurrencyId | String[3] | Required | Currency ID which the account is created on. |
| Amount | Decimal | Optional | Amount of donation. |
| ReferenceId | String | Optional | External reference ID for this transaction. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <DonationResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Transaction | String | Optional | Optional transaction number. If the source of the donation was an account, then no transaction will be provided. |
| ReferenceId | String | Optional | Echo of request reference. |
| AccountId | String | Optional | Optional Account specified in request.. |
| User | String[36] | Optional |  |
| ExternalAccountId | String | Optional |  |
| CurrencyId | String[3] | Required | Currency ID which the account is created on. |
| Amount | Decimal | Optional | Amount of donation. |
| Balance | Decimal | Optional | Available patron balance, account specified. |

## Account Service

The account service allows add, update, delete, query, enable, disable, and exit contest functionalities to an account.

### AddAccount

The AddAccount operation adds an account to the Tote System

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <AccountAddRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Required account. The account may be specified by any combination of the following attributes. If more than one attribute is specified then all attributes specified must identify the same account.  Account – Unique account number.  User (36) – Unique user name, up to 36 characters, identifying an account.  ExternalAccount – Unique external account reference number |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| Email | String[40] | Optional | Email of account holder |
| Pin | String | Required | Pin number of the new account. |
| SecurityPhrase | String[15] | Optional | Optional security phrase used for accepting a NewPIN without the supplying existing PIN. If a NewPIN is not specified then the SecurityPhrase is updated. If a NewPIN is specified and a SecurityPhrase is specified, then the supplied SecurityPhrase must match the existing security phrase within in the account. |
| Password | String | Optional | Account Password |
| ReferenceId | String | Optional | Transaction reference. |
| TournamentId | String[3] | Optional | Tournament Id. If contest id is given then tournament id must be presented. |
| ContestId | String[3] | Optional | Contest id. If the tournament id is given then contest id must be presented. |
| AccountGroupId | Char(3) | Optional | Group Id |
| VIP | Boolean | Optional | VIP |
| Promotion | Boolean | Optional | Promotional account |
| W2G | Boolean | Optional | W2G signature on file |
| NoTax | Boolean | Optional | Not subject to withholding |
| Checks | Boolean | Optional | Checks are permitted |
| FirstName | String[17] | Optional | First Name of account holder |
| MiddleInitial | String[1] | Optional | Middle name of account holder |
| LastName | String[25] | Optional | Last name of account Holder |
| TaxId | String | Optional/required if W2G is true | Tax Number |
| PatronId | String[18] | Optional | Patron number |
| DateOfBirth | String | Optional | Date of Birth of account holder |
| Address | String[70] | Optional | Address of account holder |
| City | String[25] | Optional | City of account holder |
| State | String[19] | Optional | State/province of account holder. For North America, the state must be the two character postal code. |
| Zip | String[10] | Optional | Zip code of account holder. |
| Country | String[2] | Optional | Country of account holder |
| Phone | String[16] | Optional | Phone number of account holder. |
| Area | String[10] | Optional | Account holder’s location. |
| Block | String[3] | Optional | Id of wager blocking rules. Empty value removes all blocking. |
| Notes | String[20] | Optional | Information of account holder. Empty values removes notes content. |
| SecondaryId | String[18] | Optional | Secondary id of account holder. Empty value will removes id content. |
| Expires | DateTime | Optional | Date when secondaryId expires. Empty value clears the id expiration. |
| Reason | String[1] | Optional | One character reason for disable. |
| Fee | Decimal | Optional | Fee to open account |
| CurrencyId | String[3] | Optional/Required if any amount given. | Currency of account |
| Balance | Decimal | Optional | If a balance is specified, a deposit will be generated with the specified reference, If any |
| Verified | Boolean | Optional | Boolean attribute set if e-mail address has been verified |
| Language | String | Optional | Optional preferred language id (ISO 639-2 code (3 characters)). Setting the Language to empty designates no preferred language desired |
| Days | Integer | Optional | Number of days until password expires from last date password set. Zero is never. |
| TemporaryPIN | Boolean | Optional | Optional Boolean attribute indicating the PIN is temporary. The **TemporaryPIN** can only be set to true by an admin source. |
| TemporaryPassword | Boolean | Optional | Optional Boolean attribute indicating the password is temporary. The **TemporaryPassword** can only be set to true by an admin source. |
| Validation | string | Optional | Optional validation text for account identity (Max 8 characters). |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <AccountAddResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Required | Account Number |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account Number. |
| Email | String[40] | Optional | Email of account holder |
| AccountGroupId | String[3] | Optional | Account Group |
| ReferenceId | String | Optional | Transaction reference id |
| TournamentId | String[3] | Optional | Tournament Id. If contest id is given then tournament id must be presented. |
| ContestId | String[3] | Optional | Contest id. If the tournament id is given then contest id must be presented. |
| VIP | Boolean | Optional | VIP |
| Promotion | Boolean | Optional | Promotional account |
| W2G | Boolean | Optional | W2G signature on file |
| NoTax | Boolean | Optional | Not subject to withholding |
| Checks | Boolean | Optional | Checks are permitted |
| FirstName | String[17] | Optional | First Name of account holder |
| MiddleInitial | String[1] | Optional | Middle name of account holder |
| LastName | String[25] | Optional | Last name of account Holder |
| TaxId | String | Optional/required if W2G is true | Tax Number |
| PatronId | String[18] | Optional | Patron number |
| DateOfBirth | String | Optional | Date of Birth of account holder |
| Address | String[70] | Optional | Address of account holder |
| City | String[25] | Optional | City of account holder |
| State | String[19] | Optional | State/province of account holder. For North America, the state must be the two character postal code. |
| Zip | String[10] | Optional | Zip code of account holder. |
| Country | String[2] | Optional | Country of account holder |
| Phone | String[16] | Optional | Phone number of account holder. |
| Area | String[10] | Optional | Account holder’s location. |
| Block | String[3] | Optional | Id of wager blocking rules. Empty value removes all blocking. |
| Notes | String[20] | Optional | Information of account holder. Empty values removes notes content. |
| SecondaryId | String[18] | Optional | Secondary id of account holder. Empty value will removes id content. |
| Expires | DateTime | Optional | Date when secondaryId expires. Empty value clears the id expiration. |
| Reason | String[1] | Optional | One character reason for disable. |
| Fee | Decimal | Optional | Fee to open account |
| CurrencyId | String[3] | Optional/Required if any amount given. | Currency of account |
| Balance | Decimal | Optional | If a balance is specified, a deposit will be generated with the specified reference, If any |
| Verified | Boolean | Optional | Boolean attribute set if e-mail address has been verified |
| Language | String | Optional | Optional preferred language id (ISO 639-2 code (3 characters)). Setting the Language to empty designates no preferred language desired |
| TemporaryPIN | Boolean | Optional | Optional Boolean attribute indicating the PIN is temporary. The **TemporaryPIN** can only be set to true by an admin source. |
| TemporaryPassword | Boolean | Optional | Optional Boolean attribute indicating the password is temporary. The **TemporaryPassword** can only be set to true by an admin source. |
| Validation | string | Optional | Optional validation text for account identity (Max 8 characters). |

### UpdateAccount

The UpdateAccount operation updates an account.

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <AccountUpdateRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Required account. The account may be specified by any combination of the following attributes. If more than one attribute is specified then all attributes specified must identify the same account.  Account – Unique account number.  User (36) – Unique user name, up to 36 characters, identifying an account.  ExternalAccount – Unique external account reference number |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| NewExternalAccountId | String | Optional | Optional unique external account reference to be associated with this account. Setting external account to zero removes the external account. Not valid for a new account. |
| NewUser | String[36] | Optional | New User |
| Pin | String | Optional | 4 digit PIN number, required if non admin source otherwise optional and validated if present. PIN is required if NewPIN is specified and no SecurityPhrase is specified |
| SecurityPhrase | String[19] | Optional | Optional security phrase used for accepting a NewPIN or NewPassword without supplying the existing authentication. If a NewPIN or NewPassword is not specified then the SecurityPhrase is updated. If a NewPIN or NewPassword is specified and a SecurityPhrase is specified, then the supplied SecurityPhrase must match the existing security phrase within in the account for validation. |
| NewPin | String | Optional | Optional new 4 digit account PIN number, must be 4 numeric digits and different than original PIN. NewPIN is not valid for a new account |
| Password | String | Optional | Account Password |
| ReferenceId | String | Optional | Transaction reference. |
| AccountGroupId | Char(3) | Optional | Group Id |
| VIP | Boolean | Optional | VIP |
| Promotion | Boolean | Optional | Promotional account |
| W2G | Boolean | Optional | W2G signature on file |
| NoTax | Boolean | Optional | Not subject to withholding |
| Checks | Boolean | Optional | Checks are permitted |
| FirstName | String[17] | Optional | First Name of account holder |
| MiddleInitial | String[1] | Optional | Middle name of account holder |
| LastName | String[25] | Optional | Last name of account Holder |
| TaxId | String | Optional/required if W2G is true | Tax Number |
| PatronId | String[18] | Optional | Patron number |
| DateOfBirth | String | Optional | Date of Birth of account holder |
| Address | String[70] | Optional | Address of account holder |
| City | String[25] | Optional | City of account holder |
| State | String[19] | Optional | State/province of account holder. For North America, the state must be the two character postal code. |
| Zip | String[10] | Optional | Zip code of account holder. |
| Country | String[2] | Optional | Country of account holder |
| Phone | String[16] | Optional | Phone number of account holder. |
| Email | String[40] | Optional | Email of account holder |
| Area | String[10] | Optional | Account holder’s location. |
| Block | String[3] | Optional | Id of wager blocking rules. Empty value removes all blocking. |
| Notes | String[20] | Optional | Information of account holder. Empty values removes notes content. |
| SecondaryId | String[18] | Optional | Secondary id of account holder. Empty value will removes id content. |
| Expires | DateTime | Optional | Date when secondaryId expires. Empty value clears the id expiration. |
| Reason | String[1] | Optional | Optional character code to indicate reason for account disable. If specified, the character must be non-blank. Use ***AccountEnable*** to enable the account after being disabled. If **Disabled** is empty, then the account it not disabled. |
| Verified | Boolean | Optional | Boolean attribute set if e-mail address has been verified |
| Language | String | Optional | Optional preferred language id (ISO 639-2 code (3 characters)). Setting the Language to empty designates no preferred language desired |
| NewPassword | String | Optional | Optional new account password. Must be different from original. **NewPassword** is not valid for new account. |
| Days | Integer |  | Number of days until password expires from last date password set. Zero is never. |
| TemporaryPIN | Boolean | Optional | Optional Boolean attribute indicating the PIN is temporary. The **TemporaryPIN** can only be set to true by an admin source. |
| TemporaryPassword | Boolean | Optional | Optional Boolean attribute indicating the password is temporary. The **TemporaryPassword** can only be set to true by an admin source. |
| Validation | string | Optional | Optional validation text for account identity (Max 8 characters). |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <AccountUpdateResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Echo of request account number |
| User | String[36] | Optional | Account User, if specified in request. |
| ExternalAccountId | String | Optional | External Account |
| AccountGroupId | Char(3) | Optional | Group Id |
| RefernceId | String | Optional | Transaction Reference |
| VIP | Boolean | Optional | VIP |
| Promotion | Boolean | Optional | Promotional account |
| W2G | Boolean | Optional | W2G signature on file |
| NoTax | Boolean | Optional | Not subject to withholding |
| Checks | Boolean | Optional | Checks are permitted |
| FirstName | String[17] | Optional | First Name of account holder |
| MiddleInitial | String[1] | Optional | Middle name of account holder |
| LastName | String[25] | Optional | Last name of account Holder |
| TaxId | String | Optional/required if W2G is true | Tax Number |
| PatronId | String[18] | Optional | Patron number |
| DateOfBirth | String | Optional | Date of Birth of account holder |
| Address | String[70] | Optional | Address of account holder |
| City | String[25] | Optional | City of account holder |
| State | String[19] | Optional | State/province of account holder. For North America, the state must be the two character postal code. |
| Zip | String[10] | Optional | Zip code of account holder. |
| Country | String[2] | Optional | Country of account holder |
| Phone | String[16] | Optional | Phone number of account holder. |
| Email | String[40] | Optional | Email of account holder |
| Area | String[10] | Optional | Account holder’s location. |
| Block | String[3] | Optional | Id of wager blocking rules. Empty value removes all blocking. |
| Notes | String[20] | Optional | Information of account holder. Empty values removes notes content. |
| SecondaryId | String[18] | Optional | Secondary id of account holder. Empty value will removes id content. |
| Expires | DateTime | Optional | Date when secondaryId expires. Empty value clears the id expiration. |
| Reason | String[1] | Optional | One character reason for disable. |
| Verified | Boolean | Optional | Boolean attribute set if e-mail address has been verified |
| Language | String | Optional | Optional preferred language id (ISO 639-2 code (3 characters)). Setting the Language to empty designates no preferred language desired |
| TemporaryPIN | Boolean | Optional | Optional Boolean attribute indicating the PIN is temporary. The **TemporaryPIN** can only be set to true by an admin source. |
| TemporaryPassword | Boolean | Optional | Optional Boolean attribute indicating the password is temporary. The **TemporaryPassword** can only be set to true by an admin source. |
| Validation | string | Optional | Optional validation text for account identity (Max 8 characters). |

### DeleteAccount

The DeleteAccount operation deletes an account.

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <AccountDeleteRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Required account. The account may be specified by any combination of the following attributes. If more than one attribute is specified then all attributes specified must identify the same account.  Account – Unique account number.  User (36) – Unique user name, up to 36 characters, identifying an account.  ExternalAccount – Unique external account reference number |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| Pin | String | Optional | 4 digit PIN number, required if non admin source otherwise optional and validated if present. |
| ReferenceId | String | Optional | Transaction reference. |
| Password | String | Optional | Validate if entered. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <AccountDeleteResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Echo of requested account number |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| AccountGroupId | String[3] | Optional | Account Group |
| ReferenceId | String | Optional | Transaction reference id |
| Deleted | Bool | Optional | Boolean indicating account is deleted. |

### DisableAccount

The DisableAccount operation disables an account.

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <AccountDisableRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Required account. The account may be specified by any combination of the following attributes. If more than one attribute is specified then all attributes specified must identify the same account.  Account – Unique account number.  User (36) – Unique user name, up to 36 characters, identifying an account.  ExternalAccount – Unique external account reference number |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| Pin | String | Optional | 4 digit PIN number, required if non admin source otherwise optional and validated if present. |
| ReferenceId | String | Optional | Transaction reference. |
| Reason | String[1] | Required | Reason code (One character). |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <AccountDisableResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Echo of requested account number |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| AccountGroupId | String[3] | Optional | Account Group |
| ReferenceId | String | Optional | Transaction reference id |
| Reason | String[1] | Required | Reason code (One character). |

### EnableAccount

The EnableAccount operation enables a disabled account.

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <AccountEnableRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Required account. The account may be specified by any combination of the following attributes. If more than one attribute is specified then all attributes specified must identify the same account.  Account – Unique account number.  User (36) – Unique user name, up to 36 characters, identifying an account.  ExternalAccount – Unique external account reference number |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| Pin | String | Optional | 4 digit PIN number, required if non admin source otherwise optional and validated if present. |
| ReferenceId | String | Optional | Transaction reference. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <AccountEnableResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Echo of requested account number |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| AccountGroupId | String[3] | Optional | Account Group |
| ReferenceId | String | Optional | Transaction reference id |
| Disabled | Boolean | Optional | Optional Boolean to indicate account is Enabled. |

### QueryAccount

The QueryAccount operation queries an account.

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <AccountQueryRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String | Optional | Required account. The account may be specified by any combination of the following attributes. If more than one attribute is specified then all attributes specified must identify the same account.  Account – Unique account number.  User (36) – Unique user name, up to 36 characters, identifying an account.  ExternalAccount – Unique external account reference number |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| Email | Boolean | Optional | Request email |
| Pin | String | Optional | 4 digit PIN number, required if non admin source otherwise optional and validated if present. |
| ReferenceId | String | Optional | External reference ID for this transaction. (Used for correlating client and tote data). |
| qUser | Boolean | Optional | Optional Boolean attribute to request User Field. |
| qExternalAccountId | Boolean | Optional | Optional Boolean attribute to request ExternalAccount field. |
| All | Boolean | Optional | Optional Boolean attribute to request all account fields |
| Name | Boolean | Optional | Optional Boolean attribute to request all name fields |
| Currency | Boolean | Optional | Optional Boolean attribute to request currency field. |
| Balance | Boolean | Optional | Optional Boolean attribute to request currency available balance |
| Coupons | Boolean | Optional | Optional Boolean attribute to request if pending coupons exist |
| Contest | Boolean | Optional | Optional Boolean attribute to request participating contest, if account is attached to an existing contest. |
| Address | Boolean | Optional |  |
| AccountGroupId | Boolean | Optional |  |
| VIP | Boolean | Optional |  |
| Promotion | Boolean | Optional |  |
| W2G | Boolean | Optional |  |
| NoTax | Boolean | Optional |  |
| Checks | Boolean | Optional |  |
| FirstName | Boolean | Optional |  |
| MiddleInitial | Boolean | Optional |  |
| LastName | Boolean | Optional |  |
| TaxId | Boolean | Optional |  |
| PatronId | Boolean | Optional |  |
| DateOfBirth | Boolean | Optional |  |
| City | Boolean | Optional |  |
| State | Boolean | Optional |  |
| Zip | Boolean | Optional |  |
| Country | Boolean | Optional |  |
| Phone | Boolean | Optional |  |
| Area | Boolean | Optional |  |
| Block | Boolean | Optional |  |
| Notes | Boolean | Optional |  |
| SecondaryId | Boolean | Optional |  |
| Expires | Boolean | Optional |  |
| Reason | Boolean | Optional |  |
| Verified | Boolean | Optional |  |
| Language | Boolean | Optional |  |
| Password | String | Optional | A string of characters that contains the account’s password. If given then it will be verify. |
| TemporaryPIN | Boolean | Optional | Optional Boolean attribute to request if PIN status. |
| TemporaryPassword | Boolean | Optional | Optional Boolean attribute to request if Password status. |
| See Account Update for additional attributes to query. Each attribute is an optional Boolean to request the specified account field. If Address is requested, then City, State, Zip and Country will be returned also. If SecondId is requested, then Expires will be returned also. If no fields are requested then the FirstName, LastName, Disabled, TemporaryPIN, and TemporaryPassword, will be returned, if set. The following fields are not available for query:  SecurityPhrase  Password  Validation  PIN  User – To view User account field use the qUser or All attribute.  ExternalAccount – To view the ExternalAccount account field use the qExternalAccount or All attribute. | | | |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <AccountQueryResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String[16] | Required | Account number |
| User | String[36] | Optional | User name |
| ExternalAccountId | String | Optional | External Account |
| Email | String[40] | Optional | Email of account holder |
| ReferenceId | String | Optional | Echo back the External requested reference ID |
| AccountGroupId | String[3] | Required | Tote group to which this account belongs. |
| CurrencyId | String[3] | Required | Currency of account transactions. |
| TaxId | String | Optional/required if W2G is true | Tax Number |
| FirstName | String[17] | Optional | First Name of account holder |
| MiddleInitial | String[1] | Optional | Middle name of account holder |
| LastName | String[25] | Optional | Last name of account Holder |
| TournamentId | String[3] | Optional | Tournament id |
| ContestId | String[3] | Optional | Contest id |
| VIP | Boolean | Optional | VIP |
| Promotion | Boolean | Optional | Promotional account |
| W2G | Boolean | Optional | W2G signature on file |
| NoTax | Boolean | Optional | Not subject to withholding |
| Checks | Boolean | Optional | Checks are permitted |
| PatronId | String[18] | Optional | Patron number |
| DateOfBirth | String | Optional | Date of Birth of account holder |
| Address | String[70] | Optional | Address of account holder |
| City | String[25] | Optional | City of account holder |
| State | String[19] | Optional | State/province of account holder. For North America, the state must be the two character postal code. |
| Zip | String[10] | Optional | Zip code of account holder |
| Country | String[2] | Optional | Country of account holder |
| Phone | String[16] | Optional | Phone number of account holder. |
| Coupons | Boolean | Optional | Set if coupons are available |
| Area | String[10] | Optional | Account holder’s location. |
| Block | String[3] | Optional | Id of wager blocking rules. Empty value removes all blocking. |
| Notes | String[20] | Optional | Information of account holder. Empty values removes notes content. |
| SecondaryId | String[18] | Optional | Secondary id of account holder. Empty value will removes id content. |
| Expires | DateTime | Optional | Date when secondary Id expires. |
| Balance | Decimal | Required | Available balance |
| Verified | Boolean | Optional | Boolean attribute set if e-mail address has been verified |
| Language | String | Optional | Optional preferred language id (ISO 639-2 code (3 characters)). Setting the Language to empty designates no preferred language desired |
| PasswordExpired | Boolean | Optional | Optional Boolean attribute indicating the password has expired. |
| TemporaryPIN | Boolean | Optional | Optional Boolean attribute indicating the PIN is temporary. The **TemporaryPIN** can only be set to true by an admin source. |
| TemporaryPassword | Boolean | Optional | Optional Boolean attribute indicating the password is temporary. The **TemporaryPassword** can only be set to true by an admin source. |
| Reason | String | Optional | Optional single character code to indicate reason for the account being disabled. |

## Contest Service

The contest service allows to get tournaments, contests, and player standings information.

### GetTournaments

The GetTouraments operation is used to get a tournament information or if the tournament id is not specified it returns all the tournaments.

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <TournamentsRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| TournamentId | String[3] | Optional | Optional tournament id |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <TournamentsResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Tournaments | List<Tournament> Element | Optional | List of tournaments or single tournament information |

##### <Tournament> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Rules | List<Rule> Element | Optional | List of rules |
| PrizeList | <PrizeList> Element | Optional | List of prizes |
| WageringConfiguration | <WageringConfiguration> Element | Optional | Default tournament wagering configuration. |
| Contests | List <Contest> Element | Optional | List of contests |
| TournamentId | String[3] | Required | Tournament id |
| ExternalId | String[10] | Optional | External Tournament id. |
| Run | Integer | Optional | Run Number on which tournament was created. |
| Name | String[16] | Optional | Tournament name |
| Description | String[64] | Optional | Short tournament description. |
| URL | String[40] | Optional | URL of full tournament description |
| CurrencyId | String[3] | Required | Currency |
| StartDate | DateTime | Required | Time tournament starts |
| EndDate | DateTime | Required | Time tournament ends |
| Progressive | Boolean | Optional | For a progressive tournament, the winner of the last contest in the tournament determines the tournament winner. |
| Verify | Boolean | Optional | Tournament and all of its contests require manual verification of results. |
| Complete | Boolean | Optional | Tournament is complete |
| Jackpot | Decimal | Optional | Current Jackpot |
| Guarantee | Decimal | Optional | Jackpot guarantee |
| Addin | Decimal | Optional | Tournament addin |
| ActiveContestId | String[3] | Optional | Current active contest |
| Verified | Boolean | Optional | Set if the tournament is verified. |

##### <Rule> Element

|  |  |  |  |
| --- | --- | --- | --- |
| PoolRules | List <PoolRule> Element | Optional | There will be one pool for each pool in tournament. |
| InPool | Boolean | Optional | Set if contest money is wagered in pool. |
| Debit | Boolean | Optional | Set if mandatory wagers are debited from the account when they are not made. |
| NoRefund | Boolean | Optional | Set if mandatory wagers are not refunded on cancelled races/pools. |
| Winnings | Boolean | Optional | Set if winnings may used to make wagers. |
| Units | Boolean | Optional | Set if wagers are in multiple of the minimum wager. |
| MaxWagers | String | Optional | Maximum number of wagers that may be made. |
| Ranking | Enum[“Balance”, “Winnings”] | Optional | Ranking metric Balance, and Winnings |
| Scratches | Enum[“Refund”, “Loser”,”FavoritRefund”, ”FavoritLoser”] | Optional | Rule for paying of wagers containing scratches. |
| Mandatory | Enum[“Refund”, “Loser”,”FavoritRefund”, ”FavoritLoser”] | Optional | Rule for paying of mandatory wagers containing scratches. |

##### <PoolRule> Element

|  |  |  |  |
| --- | --- | --- | --- |
| PoolId | String[3] | Required | Pool Id |
| Name | String[12] | Optional | Pool Name |
| MinimumWager | Decimal | Optional | Minimum wager |
| MaximumWager | Decimal | Optional | Maximum wager |
| Wagers | Integer | Optional | Maximum number of wagers that may be made on this pool |
| Unique | Boolean | Optional | Set if the wagers must be made on unique runners. |
| CombineOnly | Boolean | Optional | Set if only bombine wagers can be made. |
| Cap | Decimal | Optional | Price cap |
| Cutoff | Decimal | Optional | Cutoff used in conjunction with the price cap. Wager amounts up to the cutoff are paid the full price, with the balance of the wager paid the price cap. |
| PoolNumber | String | Optional | Tote Pool Number |

##### <PrizeList> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Prizes | List <Prize> Element | Optional | List of each prize |
| Consolations | List<Consolation> Element | Optional | List of consolation. |
| FreeEntries | List <FreeEntry> Element | Optional | List of free entry. |

##### <Prize> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Position | Integer | Required | Nominal position |
| Portion | Decimal | Optional | Percent of tournament jackpot to be paid as prize. |
| Number | Integer | Required | Number of prizes for this position |
| Amount | Decimal | Optional | Current prize amount |
| Guarantee | Decimal | Optional | Guaranteed minimum prize amount |
| Description | String[20] | Optional | Prize description |

##### <Consolation> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Frequency | Integer | Optional | Number of contest entries per consolation prize. Set if the number of winners is proportional to the number of entries. |
| Number | Integer | Optional | Number of consolation winners. Set if there are a fixed number of winners. |
| All | Boolean | Optional | Set if all participants are eligible for this consolation prize. If not set only losers are eligible. |
| Amount | Decimal | Optional | Amount of consolation prize. Only present if this is a monetary consolation. |
| Description | String[20] | Optional | Prize description |

##### <FreeEntry> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Frequency | Integer | Optional | Number of contest entries per free entry. Set if the number of winners is proportional to the number of entries. |
| Number | Integer | Optional | Number of free entries. Set if there are a fixed number of free entries. |
| All | Boolean | Optional | Set if all participants are eligible for this free entries. If not set only losers are eligible. |
| TournamentId | String[3] | Optional | Tournament id of free entry |
| ContestId | String[3] | Optional | Contest id of free entry |
| Description | String[20] | Optional | Prize description |

##### <WageringConfiguration> Element

|  |  |  |  |
| --- | --- | --- | --- |
| ContestTracks | List <ContestTrack> Element | Optional | List of tracks. |

##### <ContestTrack> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Available | <ContestRaces> Element | Optional | Available races and pools for this track. Only present when part of a contest. |
| Mandatory | <ContestRaces> Element | Optional | Mandatory races and pools for this track. Only present when part of a Contest. |
| TrackId | String[3] | Optional | Track Id used to identify track |
| TrackName | String[40] | Optional | Track Name |

##### <ContestRaces> Element

|  |  |  |  |
| --- | --- | --- | --- |
| ContestPools | List <ContestPool> Element | Optional | List of pool |
| RaceList | CompresedList | Optional | Compresed list of races. |

##### <ContestPool> Element

|  |  |  |  |
| --- | --- | --- | --- |
| PoolId | String[3] | Required | Pool id |
| PoolNumber | String | Optional | Tote Pool Number |

##### <Contest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| PrizeList | <PrizeList> Element | Optional | List of prizes |
| WageringConfiguration | <WageringConfiguration> Element | Optional | Default contest wagering configuration. |
| TournamentId | String[3] | Required | Tournament id |
| ContestId | String[3] | Required | Contest Id |
| ExternalId | String[10] | Optional | External Tournament id. |
| Name | String[16] | Optional | Contest name |
| Description | String[64] | Optional | Short contest description. |
| URL | String[40] | Optional | URL of full Contest description |
| StartDate | DateTime | Required | Time contest starts |
| EndDate | DateTime | Required | Time Contest ends |
| NoEntry | DateTime | Required | Time when entry not allowed. |
| Entry | Boolean | Optional | Set if entry into the contest is currently permitted |
| Wager | Boolean | Optional | Set if wagering on the contest is currently permitted |
| Complete | Boolean | Optional | Set if contest is complete |
| Verified | Boolean | Optional | Set if the contest has been verified |
| EntryFee | Decimal | Optional | Entry Fee |
| InitialBalance | Decimal | Optional | Starting account balance. |
| Commission | Decimal | Optional | Percentage of entry fee taken as commission. |
| Jackpot | Decimal | Optional | Percentage of entry fee reserved for jackpot |
| Addin | Decimal | Optional | Addin |

### GetContests

The GetContests operation is used to get contest information or if the tournament id is not specified and contest id is missing it returns all the contests.

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <ContestsRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| TournamentId | String[3] | Optional | Optional tournament id if it is given then contest id must be specified. |
| ContestId | String[3] | Optional | Optional contest id. If it is given then the tournament id must be specified. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <ContestsResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Contests | List<Contest> Element | Optional | List of contests |

### GetStandings

The GetStandings operation gets current standing for tournaments and the contests. If no tournament is specified, all tournaments are returned.

*This request has not been approved for high volume usage. Please refer to Section 4.1 for more information.*

#### Request

In addition to the common request attributes, this request contains the following attributes. Refer to section 6.2.2 “Requests” for common request attributes.

##### <StandingsRequest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| TournamentId | String[3] | Optional | Optional tournament id if no tournament is specified, either all or only active tournaments are returned depending on active attribute. |
| ContestId | String[3] | Optional | Use All to specify all contests, subject to filter attributes. |
| Tournaments | Boolean | Optional | Set to include tournament standings. |
| Active | Boolean | Optional | Set to request only tournaments that have a currently active contest. |
| Complete | Boolean | Optional | Set to only retrieve standings for tournaments and contests that are complete. |
| StartRank | Integer | Optional | If no start rank is specified, first will be used. |
| Count | String | Optional | Number of standing to return. If no count is specified, one hundred standings will be returned. Use All to request the standings for all accounts in the tournament. |

#### Response

In addition to the common response attributes, this response contains the following attributes. Refer to section 6.2.3 “Responses” for common response attributes.

##### <StandingsResponse> Element

|  |  |  |  |
| --- | --- | --- | --- |
| Standings | List <Standing> Element | Optional | List of standing |

##### <Standing> Element

|  |  |  |  |
| --- | --- | --- | --- |
| TournamentId | String[3] | Required | Tournament id |
| ExternalId | String[10] | Optional | External Tournament id. |
| Run | Integer | Optional | Run Number on which tournament was created. |
| Name | String[16] | Optional | Tournament name |
| Description | String[64] | Optional | Short tournament description. |
| URL | String[40] | Optional | URL of full tournament description |
| StartDate | DateTime | Required | Time tournament starts |
| EndDate | DateTime | Required | Time tournament ends |
| Progressive | Boolean | Optional | For a progressive tournament, the winner of the last contest in the tournament determines the tournament winner. |
| Verify | Boolean | Optional | Tournament and all of its contests require manual verification of results. |
| Complete | Boolean | Optional | Tournament is complete |
| Verified | Boolean | Optional | Set if the tournament is verified by administrator. |
| PatronStatus | <PatronStatus> Element | Optional | If the tournaments is set, there will be one Patron status element for each tournament standing. |
| StandingContests | <StandingContest> Element | Optional | Contest list |

##### <PatronStatus> Element

|  |  |  |  |
| --- | --- | --- | --- |
| AccountId | String[16] | Required | The account number of the requested account |
| CurrencyId | String[3] | Required | Currency Id which the account is created on. |
| User | String | Optional | Account User |
| ExternalAccount | String[16] | Optional | The external account number for the account. |
| Name | String | Optional | The accountholder’s name. |
| GroupId | String | Optional | Account group. |
| TransactionId | String | Optional | Tote transaction ID for the last transaction on this account during the current run. |
| Balance | Decimal | Optional | The account’s current balance |
| Winnings | Decimal | Optional | The account’s current total winnings |
| TournamentId | String[3] | Optional | Tournament Id |
| ContestId | String[3] | Optional | Contest Id |
| Wagers | Integer | Optional | Number Of wagers Made |
| Wagered | Decimal | Optional | Amount wagered |
| TournamentRank | Integer | Optional | Tournament Ranking |
| TournamentPrize | String | Optional | Amount or description if non-cash prize |
| ContestRank | Integer | Optional | Contest Ranking |
| ContestPrize | String | Optional | Amount or description if non-cash prize |
| Consolation | String | Optional | Amount or description if non-cash prize |
| FreeContest | String[3] | Optional | Free entry contest Id |
| FreeAccount | String | Optional | Account number for free entry |

##### <StandingContest> Element

|  |  |  |  |
| --- | --- | --- | --- |
| TournamentId | String[3] | Required | Tournament id |
| ContestId | String[3] | Required | Contest Id |
| ExternalId | String[10] | Optional | External Id of Contest |
| Name | String[16] | Optional | Contest Name |
| Description | String[64] | Optional | Short contest description |
| URL | String[40] | Optional | URL of full contest description. |
| StartDate | DateTime | Required | Time tournament starts |
| EndDate | DateTime | Required | Time tournament ends |
| NoEntry | DateTime | Required | Time when entries not allowed. |
| Entry | Boolean | Optional | Set if entry into the contest is currently permitted. |
| Wager | Boolean | Optional | Set if wagering on the contest is currently permitted. |
| Complete | Boolean | Optional | Set if contest is completed. |
| Verified | Boolean | Optional | Set if the Contest has been verified. |
| PatronStatus | <PatronStatus> Element | Optional | If the tournaments is set, there will be one Patron status element for each tournament standing. |

## ToteStatus Service

The Tote Status Service permits a client application to monitor the status of the Tote System.

### GetToteStatus

The GetToteStatus request accepts no input other than the source element common to all requests. The GetToteStatus returns the header response. Successful call means the tote is connected and is running otherwise time out or tote error will be returned.

*Review the Acceptable Usage section: 4.3 System Availability and Request Recovery for information about how this request is intended to be used.*

1. This is intended for a physical, interactive wagering device. It is generally useful for other types of clients. [↑](#footnote-ref-1)
2. Note that this is the ITSP ID, not the system Event Id. If there are multiple system events with the same ITSP ID, the system will automatically select the correct event based on group event configuration. If multiple events in the same group have the same ITSP ID, attempting to wager on any of them will fail [↑](#footnote-ref-2)
3. For future events, this may not be the current RunId. [↑](#footnote-ref-3)
4. Certain “Current” events may be on a future date; this typically occurs for special future events (e.g. Derby Future) where race controls and/or live odds are required before the day of the event. [↑](#footnote-ref-4)
5. This represents an on-site private channel, and is generally used by on-site wagering devices with TV tuners. [↑](#footnote-ref-5)
6. If a “TournamentId” and “ContestId” are specified then event must be in Contest. [↑](#footnote-ref-6)
7. If TournamentId and ContestId are specified then Event and Race must be in Contest. [↑](#footnote-ref-7)
8. All wagers on a ticket must be in the same event [↑](#footnote-ref-8)
9. All wagers on a non-parlay ticket must be in the same race. [↑](#footnote-ref-9)
10. This field is optional for validation, but required for issuing a ticket. [↑](#footnote-ref-10)
11. At this time, there is no mechanism to retrieve surcharge information prior to issuing a ticket. [↑](#footnote-ref-11)
12. “ALL” is not valid; the runners must be explicitly specified [↑](#footnote-ref-12)
13. It is strongly recommended that this value be used so that the status of a transaction may be checked following a communications or other error during a transaction request. The client is responsible for ensuring uniqueness of this value; the result of issuing multiple transactions with the same reference id is undefined. [↑](#footnote-ref-13)
14. Cash, Sales, Payoff, and Pending all default to false if not provided. If none of these values are specified, no filtering is performed and all transactions are returned. [↑](#footnote-ref-14)