

# Clubware Limited

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## Web Service Specification

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Version 9.1

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clubware™



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## Document History

Date	Version	Min CW Version	Description	Author
07 Jan 2016	5.7		Corrected default sort order direction Corrected inconsistent branch status values Added missing user defined entity types of Activity, Branch Group, Promotion, and Resource Added Account Statuses, Account Template Statuses, Announcement Statuses, Promotion Statuses, and Staff Statuses to Codes/Types Added overview and example for View parameter	Trevor Doorley
08 Jan 2016	5.8		Added descriptor for batch support	Trevor Doorley
14 Jan 2016	5.9		Added a new member status of pending	David K
18 Jan 2016	6.0		Change session instructors to a list of instructor elements	David K
21 Jan 2016	6.1		Changed reciprocal access branches to a list of reciprocal access branch elements	David K
27 Jan 2016	6.2		Added IncludeDeletedChildren parameter to account	Trevor Doorley
29 Jan 2016	6.3		Updated font and table styles with new Clubware formats	Karan Singh
29 Feb 2016	6.4		Removed unsupported access control level id field from the member Added access control group to the member	David K
04 Mar 2016	6.5		Updated ExpiredTime to be ExpiredTimeUTC in AccessToken. Added login branch element and updated LoginBranches in Staff member entity Added login branch group element and updated LoginBranchGroups in staff member entity	Andy
16 March 2016	6.6		Added CardTemplateId to staff member and member Added session resource element Added promotion account template element	Andy
18 March 2016	6.7		IncludeDeletedChildren parameter to staff member	Andy
23 March 2016	6.8		Added Method Not Allowed error code Added relationship to elements	Andy
06 April 2016	6.9		Added BranchId and StaffMemberId parameters to Report Results Added Report Filter Branch Name Field Token Type	Alex/Andy
09 May 2016	7.0		Added arrival notes element to the account entity (Proposed for future release)	Andy
11 Aug 2016	7.1		Added session relationship to class. Added session booking relationship to session	Alex
05 Sep 2016	7.2		Added post/put method for sessions	Andy
25 Oct 2016	7.3		Added ReportFilterValueDataType Added validation to report filters for data types	David K

Date	Version	Min CW Version	Description	Author
31 Oct 2016	7.4	4.0.0.806	Changed Account Code to support 100 characters	David K
29 Nov 2016	7.5	4.0.0.808	Added United States to Countries	Moses
13 Dec 2016	7.6	4.0.0.810	Added Source Type to Report and Report Filter methods	Andy
19 Dec 2016	7.7	4.0.0.810	Update description of Report Filter Field	Andy
16 Jan 2017	7.8	4.0.0.812	Added Approval Required/Rejected statuses to Promotion	Andy
15 Feb 2017	7.9	4.0.0.819	Added new fields ZoneGroup, UseConcession, AutoAttend, IncludeVisit into Zone	Andy
23 Mar 2017	8.0	4.0.0.833	Renamed heading Entities to Resources Added Arrival and Departure Resources	Andy/Alex
20 Apr 2017	8.1	4.2.0.14	Added Access Control User method	Andy
11 May 2017	8.2	4.2.0.33	Added Machine method	Andy
15 May 2017	8.3	4.2.0.39	Added Enrolment method	Andy
17 May 2017	8.4	4.2.0.41	Added Access Control Level method	Andy
18 May 2017	8.5	4.2.0.44	Added Get method description for enrolment method	Andy
4 Jul 2017	8.6	4.2.0.102	Added BookingCount to Session entity	Andy
9 oct 2017	8.7	4.2.0.364	Added a section on Logging	Andy
27 Mar 2018	8.8	4.2.0.398	Change method to be POST for authorization	Andy
31 May 2018	8.9		Added Minimum Clubware Version column to Document History	Karan
14 Nov 2019	9.0	4.7.0.206	Added Session Waitlist endpoint Added Promoting Session Waitlist method Added waitlist data into class Updated Entity Relationship Diagram	Chris/Andy
19 Oct 2020	9.1	4.8.0.27	Update Genders about new Female, Male and other values, as well as custom gender is supported	Andy

## Document Overview

The purpose of this document is to explain the Web Service methods and their expected parameters.

## Authorisation

### Refresh Token

#### Overview

URL	Authorisation/GetRefreshToken
Methods Supported	POST
Description	Allows you to retrieve a refresh token
Body	Both x-www-form-urlencoded and json are supported for the body.

#### Parameters

AppId	The AppId from the web api client in Clubware
Password	The Password set for the web api client in Clubware

#### Results

TokenValue	The access token value
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#### Body Examples

x-www-form-urlencoded	appId=V9/TCVGC+xWHEHOSeNQDIrelNitITm02f5saWw4Dp8Shb8Y+gAnxc4jf3Xy5H/2v &password=Password
json	{ "appId": "V9/TCVGC+xWHEHOSeNQDIrelNitITm02f5saWw4Dp8Shb8Y+gAnxc4jf3Xy5H/2v", "password": "Password" }

## Access Token

#### Overview

URL	Authorisation/GetAccessToken
Methods Supported	POST
Description	Allows you to retrieve an access token. The access token then needs to be inserted into the http header with the name AccessToken
Body	Both x-www-form-urlencoded and json are supported for the body.



## Parameters

RefreshToken	The refresh token from the web api client in Clubware or from the GetRefreshToken method
AppId	The AppId from the web api client in Clubware
Secret	The Secret from the web api client in Clubware

## Results

TokenValue	The access token value
ExpiredTimeUTC	The UTC time the token expires. 30 minutes from the time requested.

## Body Examples

x-www-form-urlencoded	<pre>appId=V9/TCVGC+xWHEHOSeNQDIrelNitITm02f5saWw4Dp8Shb8Y+gAnxc4jf3Xy5H/2v &amp;refreshToken=2bab69e5-2919-490d-beaf-69839e94b5c4 &amp;secret=2f415fd1-d3cf-4d37-80fe-d6ce5f503296</pre>
json	<pre>{   "appId":     "V9/TCVGC+xWHEHOSeNQDIrelNitITm02f5saWw4Dp8Shb8Y+gAnxc4jf3Xy5H/2v",   "refreshToken": "2bab69e5-2919-490d-beaf-69839e94b5c4",   "secret ": "2f415fd1-d3cf-4d37-80fe-d6ce5f503296" }</pre>

## Resources

### Access Control Levels

#### Overview

URL	AccessControlLevels
Methods Supported	GET
Description	Allows you to retrieve access control level information

#### Elements

AccessControlLevelId	Identifier (guid)
Name	Name of the access control level (string[100])
Type	Type of the access control level (string, Member or StaffMember)
IsDeleted	Indicates if the access control level has been deleted (bool)
ModifiedDate	Date the access control level was last modified (date)
ModifiedBy	Name of the user who modified the access control level (string[50])

#### GET - List

Allows you to retrieve a list of access control levels

API	AccessControlLevels
Optional parameters	
View	See <a href="#">View</a>
Filter	See <a href="#">Filter</a>
Order	See <a href="#">Order By</a> Default order by field is Name
Page	See <a href="#">Page</a>
IncludeDeleted	Indicates if deleted access control levels should be returned (bool, default value = false)

### GET - Single

Allows you to retrieve an access control level

API	AccessControlLevels /{AccessControlLevelId}
Optional parameters	
View	See <a href="#">View</a>

## Access Control Users

### Overview

URL	AccessControlUsers
Methods Supported	PUT, GET
Description	Allows you to retrieve and update access control users

### Elements

AccessControlServerUserId	Identifier (guid)
AccessControlServerId	Access Control Server identifier (guid, readonly)
BranchId	Branch Identifier of the access control server (guid, readonly)
MemberId	Member Identifier (guid, readonly)
StaffMemberId	Staff Member Identifier (guid, readonly)
Priority	The importance of access control users (int, readonly, 1 indicates the most importance)
Type	The type of access control user (string, readonly, Member or StaffMember)
CardNumber	Card number of the member or staff member (string[50], readonly)
PinNumber	Pin number of the member or staff member (string[20], readonly)
FirstName	First name of the member or staff member (string[50], readonly)
LastName	Last name of the member or staff member (string[50], readonly)
AccessLevel	The name of the member access level or the staff access level (string[100], readonly)
SyncRequired	Indicates if the access control user needs to be synchronized (bool)
SyncStatus	The synchronization status of the access control user (Pending Create, Pending Delete, Pending Update or Synced, required)
UserLimitExceeded	Indicates if the access control server does not have enough room to add access control users (bool)

LastEventDateUTC	The time the last interaction event for the access control user (datetime, readonly)
SyncRequiredDateUTC	The time the SyncRequired flag was last set (datetime, readonly)

### GET - List

Allows you to retrieve a list of access control users

API	AccessControlUsers						
Optional parameters							
View	See <a href="#">View</a>						
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="521 625 1398 747"> <tr> <td>Branch</td> <td>The branch of the access control user</td> </tr> <tr> <td>Member</td> <td>The member of the access control user</td> </tr> <tr> <td>StaffMember</td> <td>The staff member of the access control user</td> </tr> </table>	Branch	The branch of the access control user	Member	The member of the access control user	StaffMember	The staff member of the access control user
Branch	The branch of the access control user						
Member	The member of the access control user						
StaffMember	The staff member of the access control user						
Order	See <a href="#">Order By</a> Default order by field is Priority						
Page	See <a href="#">Page</a>						

### GET - Single

Allows you to retrieve an access control user

API	AccessControlUsers/{AccessControlUserId}
Optional parameters	
View	See <a href="#">View</a>

### PUT

Allows you to update an access control user/s

API	AccessControlUsers		
Response	AccessControlUserResponse (see <a href="#">Response</a> ) Additional elements: <table border="1" data-bbox="521 1360 1398 1400"> <tr> <td>AccessControlUserId</td> <td>The identifier of the updated access control user</td> </tr> </table>	AccessControlUserId	The identifier of the updated access control user
AccessControlUserId	The identifier of the updated access control user		

## Account Template Invoices

### Overview

URL	AccountTemplateInvoices
Methods Supported	GET
Description	Allows you to retrieve account template invoices

### Elements

AccountTemplateInvoiceId	Identifier
AccountTemplateId	Account Template Identifier. (guid, required, see <a href="#">Account Templates</a> )

Type	Type of the account template invoice. (string[50], required, see <a href="#">Account Template Invoice Types</a> )
StartTerm	Start term of the account template invoice (int, required)
StartTermType	Start term type of the account template invoice. (string[16], see <a href="#">Account Term Types</a> )
Term	Term of the account template invoice. If 0 then the term is ongoing (int)
TermType	Term type of the account template invoice. (string[16], see <a href="#">Account Term Types</a> )
InstalmentFrequency	Instalment frequency of the invoice. (string, see <a href="#">Invoice Instalment Frequencies</a> )
InstalmentAmount	Amount of the instalment of the invoice (decimal)
IsLocked	Indicates if the invoice is locked (bool)
IsDeleted	Indicates if the account template invoice has been deleted (bool)
ModifiedDate	Date the account template invoice was last modified (date)
ModifiedBy	Name of the user who modified the account template invoice (string[50])

### GET - List

Allows you to retrieve a list of account template invoices

API	AccountTemplateInvoices		
Optional parameters			
View	See <a href="#">View</a>		
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="526 989 1398 1031"> <tr> <td>AccountTemplate</td> <td>The account template of the account template invoice</td> </tr> </table>	AccountTemplate	The account template of the account template invoice
AccountTemplate	The account template of the account template invoice		
Order	See <a href="#">Order By</a> Default order by field is AccountTemplateId		
Page	See <a href="#">Page</a>		
IncludeDeleted	Indicates if deleted account template invoices should be returned (bool, default value = false)		

### GET - Single

Allows you to retrieve an account template invoice

API	AccountTemplateInvoice/{AccountTemplateInvoiceId}
Optional parameters	
View	See <a href="#">View</a>

## Account Templates

### Overview

URL	AccountTemplates
Methods Supported	GET
Description	Allows you to retrieve account templates

### Elements

AccountTemplateId	Identifier (guid)
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BranchId	Branch Identifier (guid, required)
Description	Description of the Account Template (string[50], required)
AccountType	Account Type of the Account Template. Account templates with Charge account types are readonly. (string[50], see <a href="#">Account Types</a> )
Status	Status of the account template (string, see <a href="#">Account Template Statuses</a> )
StartDate	The start date of the account template (date)
EndDate	The end date of the account template (date)
AccountStartDate	The account start date for new accounts created from the account template if it has a value (date)
AccountEndDate	The account end date for new accounts created from the account template if it has a value (date)
BillingProvider	The default billing provider of new accounts based on this account template. (string[50], see <a href="#">Billing Providers</a> )
BillingSyncEndDate	Indicates if accounts based on this account template should sync the end date from the billing provider (bool)
BillingAccountCode	Account code provided by the billing provider for matching when creating new accounts (string[100])
Term	Term of the account template (int)
TermType	Term type of the account template. (string[16], see <a href="#">Account Term Types</a> )
IsOnGoing	Indicates if the account is on-going (bool)
Concessions	Number of concessions allocated to a new account (int)
RewardPoints	Reward points allocated to a member when a new account is created (int)
IsCorporate	Indicates if accounts based on the account template are for corporate use only (bool)
Group	Group of the account template (string[50])
LedgerCode	Ledger code for the account template (string[50])
AccessControlGroup	Access control group for the account template (string[50])
TaxRate	Tax rate for the account template (percentage)
ExpectedPaymentAmount	Expected payment amount (decimal)
ExpectedPaymentFrequency	Expected payment frequency (string[50], see <a href="#">Invoice Instalment Frequencies</a> )
Notes	Notes for the account template (string[2000])
EntryCardId	Entry Card Identifier (guid, entry card currently not supported)
ReciprocalAccessBranchGroupId	The branch group that have reciprocal access for accounts based on the account template (guid, see <a href="#">Branch Groups</a> )
IsReciprocalAccessOverrideAllowed	Indicates if reciprocal access can be overridden on accounts based on the account template (bool)
UserDefinedFieldValues	User defined field values for the account template where IsApiVisible is true on the user defined field (list, see <a href="#">User Defined Field Values</a> )
IsDeleted	Indicates if the account template has been deleted (bool)
ModifiedDate	Date the account template was last modified (date)
ModifiedBy	Name of the user who modified the account template (string[50])

### GET - List

Allows you to retrieve a list of account templates

API	AccountTemplates			
Optional parameters				
View	See <a href="#">View</a>			
Filter	See <a href="#">Filter</a>			
	Filter Relationships			
	<table border="1"> <tr> <td>Branch</td> <td>The branch of the account template</td> </tr> <tr> <td>ReciprocalAccessBranchGroup</td> <td>The branch group the account template allows reciprocal access to</td> </tr> </table>	Branch	The branch of the account template	ReciprocalAccessBranchGroup
Branch	The branch of the account template			
ReciprocalAccessBranchGroup	The branch group the account template allows reciprocal access to			
Order	See <a href="#">Order By</a> Default order by field is Description			
Page	See <a href="#">Page</a>			
IncludeDeleted	Indicates if deleted account templates should be returned (bool, default value = false)			

## GET - Single

Allows you to retrieve an account template

API	AccountTemplate/{AccountTemplateId}
Optional parameters	
View	See <a href="#">View</a>

## Accounts

### Overview

URL	Accounts
Methods Supported	POST, PUT, GET
Description	Allows you to retrieve, update and add accounts

### Elements

AccountId	Identifier (guid)
BranchId	Branch Identifier. BranchId is only used for creating new account and will be ignored when updating an existing account. (guid, required)
AccountTemplateId	Account Template Identifier. AccountTemplateId is only used for creating new account, and it will be ignored when updating an existing account. (guid, required, see <a href="#">Account Templates</a> )
MemberId	Member Identifier. MemberId is only used for creating new account and will be ignored when updating an existing account. (guid, required)
AccountType	Account Type of the Account Template. (string, see <a href="#">Account Types</a> )
Status	Status of the account (string, see <a href="#">Account Statuses</a> )
SalespersonStaffMemberId	The salesperson of the account. (guid, see <a href="#">Staff Members</a> )
Barcode	Barcode of the account used for visits and linking member to a sale. (string[50])
BillingProvider	Billing provider of the account. (string, see <a href="#">Billing Providers</a> )
BillingReference	Billing reference of the account for the billing provider. (string[50])
BillingStopNote	Note from the billing provider when the account should be stopped at time of arrival (string[50], readonly)

BillingProjectedEndDate	Projected end date from the billing provider. (date, readonly, supported by Debitsuccess only)
CardPrintedDate	Date and time a card was printed for the account. (date)
StartDate	Start date of the account (date)
EndDate	End date of the account (date)
Term	Term of the account (int)
TermType	Term type of the account. (string, see <a href="#">Account Term Types</a> )
IsRenewal	Indicates if the account is a renewal of a previous account (bool)
RenewalAccountId	Account that this account has been renewed from when IsRenewal is true. RenewalAccountId cannot be linked to an account for a different member. Also RenewalAccountId cannot be the account Id of itself. (guid, see <a href="#">Accounts</a> )
StopOnArrival	Indicates that the account should be stopped at time of arrival (bool)
ArrivalNote	Note that is displayed at time of arrival (string[2000])
ArrivalNotes (Proposed for future release)	The arrival notes for the account (list, see <a href="#">ArrivalNotes</a> )
AllowEntryIfOverdueUntilDate	Member will be allowed entry until this date if overdue (date)
IsSetTotalDue	Indicates the account total will be fixed and not increase automatically based on the invoice schedule (bool)
ConcessionBalance	Concession balance of the account (int)
ExpectedPaymentAmount	Expected payment of the account (decimal)
ExpectedPaymentFrequency	Expected payment frequency of the account. (string, see <a href="#">Invoice Instalment Frequencies</a> )
Corporateld	Corporate for the account (guid, see <a href="#">Corporates</a> )
CorporateCardNumber	Corporate card number. (string[20])
IsCorporateFriendsAndFamily	Indicates that the account is for a corporate friend or family member (bool)
LoadDate	Date the account was loaded (date)
InvoicedAmount	Amount invoiced for account to date (decimal, readonly)
PaidAmount	Invoiced payments for the account (decimal, readonly)
OverdueAmount	Amount overdue for the account (decimal, readonly)
OverdueAmountOutsideGracePeriod	Amount overdue outside the grace period for the account (decimal, readonly)
NonInvoicedPaidAmount	Non-invoiced payments for the account (decimal, readonly)
PaymentMethod	Payment method for the account (string, see <a href="#">Payment Methods</a> )
IsReciprocalAccessOverridden	Indicates if the reciprocal access has been overridden for the account (bool)
ReciprocalAccessBranches	The branches that have reciprocal access for the account when IsReciprocalAccessOverridden is set (list, see <a href="#">Reciprocal Access Branch</a> )
ReciprocalAccessBranchGroupld	The branch group that have reciprocal access for the account when IsReciprocalAccessOverridden is set (guid, see <a href="#">Branch Groups</a> )
PromotionCodeUsageld	Promotion code usage Identifier (guid, see <a href="#">Promotion Code Usages</a> )
UserDefinedFieldValues	User defined field values for the account where IsApiVisible is true on the user defined field (list, see <a href="#">User Defined Field Values</a> )
IsDeleted	Indicates if the account has been deleted (bool)
ModifiedDate	Date the account was last modified (date, readonly)
ModifiedBy	Name of the user who modified the account (string[50], readonly)

## GET - List

Allows you to retrieve a list of accounts

API	Accounts	
Optional parameters		
View	See <a href="#">View</a>	
Filter	See <a href="#">Filter</a>	
	Filter Relationships	
	Branch	The branch of the account
	Member	The member for the account
	AccountTemplate	The account template of the account
	SalesPerson	The sales person staff member of the account
	RenewalAccount	The account this account was renewed from
	Corporate	The corporate for the account
	ReciprocalAccessBranches	The reciprocal access branch elements the account allows reciprocal access to
ReciprocalAccessBranchGroup	The branch group the account allows reciprocal access to	
Order	See <a href="#">Order By</a> Default order by field is StartDate	
Page	See <a href="#">Page</a>	
IncludeDeleted	Indicates if deleted accounts should be returned (bool, default value = false)	
IncludeDeletedChildren	Indicates if deleted reciprocal access branches should be returned (bool, default value = false)	

## GET - Single

Allows you to retrieve an account

API	Accounts/{AccountId}
Optional parameters	
View	See <a href="#">View</a>

## POST/PUT

Allows you to create or update an account/s

API	Accounts	
Response	AccountResponse (see <a href="#">Response</a> )	
	Additional elements:	
	AccountId	The account identifier of the new or updated account

## Activities

### Overview

URL	Activites
Methods Supported	POST, PUT, GET



Description	Allows you to retrieve, update and add activities
-------------	---

### Elements

ActivityId	Identifier (guid)
ActivityTemplateId	Activity Template Identifier. (guid, see <a href="#">Activity Templates</a> )
BranchId	Branch Identifier (guid, required)
MemberId	Member Identifier (guid, required)
StaffMemberId	Staff Member Identifier (guid, see <a href="#">Staff Members</a> )
DueDate	Due date of the activity (date, required)
Duration	Duration of the activity (int)
Reason	Reason for the activity (string[50], required, Lookup Category Name = ACTIVITYTYPE)
Result	Result of the activity (string[50], Lookup Category Name = ACTIVITYRESULT)
IsCompleted	Indicates if the activity has been completed (bool)
CompletedDate	Completed date of the activity (date)
Notes	Notes of the activity (string[2000])
UserDefinedFieldValues	User defined field values for the activities where IsApiVisible is true on the user defined field (list, see <a href="#">User Defined Field Values</a> )
IsDeleted	Indicates if the activity has been deleted (bool)
ModifiedDate	Date the activity was last modified (date, readonly)
ModifiedBy	Name of the user who modified the activity (string[50], readonly)

### GET - List

Allows you to retrieve a list of activities

API	Activities						
Optional parameters							
View	See <a href="#">View</a>						
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="521 1320 1399 1444"> <tr> <td>Branch</td> <td>The branch of the activity</td> </tr> <tr> <td>Member</td> <td>The member of the activity</td> </tr> <tr> <td>StaffMember</td> <td>The staff member of the activity</td> </tr> </table>	Branch	The branch of the activity	Member	The member of the activity	StaffMember	The staff member of the activity
Branch	The branch of the activity						
Member	The member of the activity						
StaffMember	The staff member of the activity						
Order	See <a href="#">Order By</a> Default order by field is DueDate						
Page	See <a href="#">Page</a>						
IncludeDeleted	Indicates if deleted activities should be returned (bool, default value = false)						

### GET - Single

Allows you to retrieve an activity

API	Activities /{ActivityId}
Optional parameters	
View	See <a href="#">View</a>

## POST/PUT

Allows you to create or update activity/s

API	Activities		
Response	ActivityResponse (see <a href="#">Response</a> ) Additional elements:		
	<table border="1"> <tr> <td>ActivityId</td> <td>The activity identifier of the new or updated activity</td> </tr> </table>	ActivityId	The activity identifier of the new or updated activity
ActivityId	The activity identifier of the new or updated activity		

## Activity Templates

### Overview

URL	ActivityTemplates
Methods Supported	GET
Description	Allows you to retrieve activity templates

### Elements

ActivityTemplateId	Identifier (guid)
BranchId	Branch Identifier (guid, required)
Description	Description of the activity template (string[50] , required)
Group	Group of the activity template (string[50])
Reason	Reason for the activity (string[50], required, Lookup Category Name = ACTIVITYTYPE)
AssignToStaffMemberType	The staff member to be assigned to when creating new activities (string[20], required, Consultant, Instructor, StaffAtTimeOfCreation, Staff)
AssignToStaffMemberId	The staff member to be assigned when the AssignToStaffMemberType is Staff. (guid, , required if AssignToStaffMemberType is Staff, see <a href="#">Staff Members</a> )
DueDateOffset	The offset of the due date from today's date (int, required)
DueDateOffsetType	The offset type of the due date (string[10], required, Day(s), Week(s), Month(s))
DueTime	The time the activity template is due (string[5], required, hh:mm)
Duration	The duration of the activity template (int, minutes)
Notes	Notes for the activity template (string[2000])
IsDeleted	Indicates if the activity template has been deleted (bool)
ModifiedDate	Date the activity template was last modified (date)
ModifiedBy	Name of the user who modified the activity template (string[50])

### GET - List

Allows you to retrieve a list of activity templates

API	ActivityTemplates				
Optional parameters					
View	See <a href="#">View</a>				
Filter	See <a href="#">Filter</a> Filter Relationships				
	<table border="1"> <tr> <td>Branch</td> <td>The branch of the activity template</td> </tr> <tr> <td>AssignToStaffMember</td> <td>The assign to staff member of the activity template</td> </tr> </table>	Branch	The branch of the activity template	AssignToStaffMember	The assign to staff member of the activity template
Branch	The branch of the activity template				
AssignToStaffMember	The assign to staff member of the activity template				

Order	See <a href="#">Order By</a> Default order by field is Description
Page	See <a href="#">Page</a>
IncludeDeleted	Indicates if deleted activity templates should be returned (bool, default value = false)

### GET - Single

Allows you to retrieve activity templates

API	ActivityTemplates/{ActivityTemplateId}
Optional parameters	
View	See <a href="#">View</a>

## Announcements

### Overview

URL	Announcements
Methods Supported	GET
Description	Allows you to retrieve announcements

### Elements

AnnouncementId	Identifier (guid)
BranchId	Branch Identifier (guid, required)
Name	Name of the announcement (string[50], required)
Description	Description of the announcement (string[2000], required)
Hyperlink	Hyperlink of the announcement (string[2000], required)
Status	Status of the announcement (string, see <a href="#">Announcement Statuses</a> )
StartDate	Start date of the announcement (date, required, default to today)
EndDate	End date of the announcement (date)
ShowOnDashboard	Indicates if the announcement shows on dashboard (bool, required)
AllowClose	Indicates if the announcement can be closed (bool, required)
IsDeleted	Indicates if the announcement has been deleted (bool)
ModifiedDate	Date the announcement was last modified (date)
ModifiedBy	Name of the user who modified the announcement (string[50])

### GET - List

Allows you to retrieve a list of announcements

API	Announcements		
Optional parameters			
View	See <a href="#">View</a>		
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="521 1829 1398 1873"> <tr> <td>Branch</td> <td>The branch of the announcement</td> </tr> </table>	Branch	The branch of the announcement
Branch	The branch of the announcement		

Order	See <a href="#">Order By</a> Default order by field is StartDate
Page	See <a href="#">Page</a>
IncludeDeleted	Indicates if deleted announcements should be returned (bool, default value = false)

### GET - Single

Allows you to retrieve announcements

API	Announcements/{AnnouncementId}
Optional parameters	
View	See <a href="#">View</a>

## Assessments

### Overview

URL	Assessments
Methods Supported	GET, PUT, POST
Description	Allows you to retrieve, update and add assessments

### Elements

AssessmentId	Identifier (guid)
BranchId	Branch Identifier (guid, required)
MemberId	Member Identifier (guid, required)
StaffMemberId	Staff Identifier (guid, required)
AssessmentDate	Date the assessment was taken (date, required)
Notes	Notes of the assessment (string[2000])
Weight	Weight of the member (decimal, kilograms)
Height	Height of the member (decimal, centimetres)
Pulse	Pulse of the member (int, beats per minute)
BloodPressure	Blood pressure of the member (string[7], xxx/xxx)
BodyMassIndex	Body mass index of the member (decimal)
BodyFat	Body fat percentage of the member (decimal, percentage)
BodyFatAbdomen	Abdomen fat of the member (decimal, millimetres)
BodyFatBicep	Bicep fat of the member (decimal, millimetres)
BodyFatCalf	Calf fat of the member (decimal millimetres)
BodyFatMidaxillary	Midaxillary fat of the member (decimal, millimetres)
BodyFatSubscapular	Subscapular fat of the member (decimal, millimetres)
BodyFatSuprailiac	Suprailiac fat of the member (decimal, millimetres)
BodyFatThigh	Thigh fat of the member (decimal, millimetres)
BodyFatTricep	Tricep fat of the member (decimal, millimetres)
BodyFatPectoral	Pectoral fat of the member (decimal, millimetres)
MeasurementBicepLeft	Left bicep measurement of the member (decimal, centimetres)

MeasurementCalfLeft	Left calf measurement of the member (decimal, centimetres)
MeasurementChest	Chest measurement of the member (decimal, centimetres)
MeasurementHips	Hips measurement of the member (decimal, centimetres)
MeasurementThighLeft	Left thigh measurement of the member (decimal, centimetres)
MeasurementWaist	Waist measurement of the member (decimal, centimetres)
MeasurementBicepRight	Right bicep measurement of the member (decimal)
MeasurementCalfRight	Right calf measurement of the member (decimal)
MeasurementThighRight	Right thigh measurement of the member (decimal)
VO2Max	Maximal oxygen consumption of the member (decimal, millilitres per kilogram per minute)
VO2Duration	Duration of the VO2 exercise (decimal, minutes)
SelfAppraisalFitnessLevel	Self-appraisal rating of the member (decimal, 0 to 10)
StrengthBench1RM	Bench press 1 rep max of the member (decimal, kilograms)
StrengthSquat1RM	Squat 1 rep max of the member (decimal, kilograms)
FlexibilityLowerBodyLeft	Left lower body flexibility (decimal, centimetres)
FlexibilityLowerBodyRight	Right lower body flexibility (decimal centimetres)
FlexibilityUpperBodyLeft	Left upper body flexibility (decimal centimetres)
FlexibilityUpperBodyRight	Right upper body flexibility (decimal centimetres)
IsDeleted	Indicates if the user defined field has been deleted (bool)
ModifiedDate	Date the user defined field was last modified (date, readonly)
ModifiedBy	Name of the user who modified the user defined field (string[50], readonly)

### GET - List

Allows you to retrieve a list of assessments

API	Assessments						
Optional parameters							
View	See <a href="#">View</a>						
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="527 1354 1396 1470"> <tr> <td>Branch</td> <td>The branch of the assessment</td> </tr> <tr> <td>Member</td> <td>The member of the assessment</td> </tr> <tr> <td>StaffMember</td> <td>The staff member of the assessment</td> </tr> </table>	Branch	The branch of the assessment	Member	The member of the assessment	StaffMember	The staff member of the assessment
Branch	The branch of the assessment						
Member	The member of the assessment						
StaffMember	The staff member of the assessment						
Order	See <a href="#">Order By</a> Default order by field is AssessmentDate						
Page	See <a href="#">Page</a>						
IncludeDeleted	Indicates if deleted assessments should be returned (bool, default value = false)						

### GET - Single

Allows you to retrieve an assessment

API	Assessments/{AssessmentId}
Optional parameters	
View	See <a href="#">View</a>

## POST/PUT

Allows you to create or update assessment/s

API	Assessments		
Response	AssessmentResponse (see <a href="#">Response</a> ) Additional elements: <table border="1" data-bbox="522 394 1398 459"> <tr> <td>AssessmentId</td> <td>The assessment identifier of the new or updated assessment</td> </tr> </table>	AssessmentId	The assessment identifier of the new or updated assessment
AssessmentId	The assessment identifier of the new or updated assessment		

## Arrivals

### Overview

URL	Arrivals
Methods Supported	POST
Description	Allows you to post arrivals

### Elements

ZoneId	Zone Identifier (guid, required)
MemberId	Member Identifier (guid)
StaffId	Staff Identifier (guid)
CardNumber	Card number of the member (string[50])
PinNumber	Pin number of the member (string[20])
EntryTime	Date and time of arrival (dateTime)
Outcome	Outcome of arrival (string, required, see <a href="#">Arrival Outcome</a> )
ExternalReference	Access control provider reference (string[50], unique)

## POST

Allows you to post Arrivals

Posting an arrival will create a visit resource and redirect the client to that resource

Exactly one of: MemberId, StaffId, CardNumber, or PinNumber is required

API	Arrivals		
Response	ArrivalsResponse (see <a href="#">Response</a> ) Additional elements: <table border="1" data-bbox="522 1507 1398 1541"> <tr> <td>VisitId</td> <td>The visit identifier of the new visit</td> </tr> </table>	VisitId	The visit identifier of the new visit
VisitId	The visit identifier of the new visit		

## Billing Account Statuses

### Overview

URL	BillingAccountStatuses
Methods Supported	PUT
Description	Allows you to update billing account statuses

## Elements

Reference	Account Identifier (string[50], required)
Provider	Billing provider of the account. (string, required, see <a href="#">Billing Providers</a> )
Status	Status of the account (string, required, values of Active, Hold, Ended)
OverdueAmount	Total amount overdue (decimal)
PaidAmount	Total amount paid (decimal) This should be a sum of all the payments that have been created via the Billing Payments method
Note	Note for when suspended or cancelled (string[255])

## PUT

Allows you to update billing account statuses

API	BillingAccountStatuses
Update Elements	All Elements
Response	BillingAccountStatusResponse (see <a href="#">Response</a> )

## Billing Accounts

### Overview

URL	BillingAccounts
Methods Supported	PUT, POST
Description	Allows you to create a billing account

### Elements

Reference	Account Identifier (string[50], required)
Provider	Billing provider of the account. (string, required, see <a href="#">Billing Providers</a> )
BranchId	Branch Identifier (guid, required)
Title	Title of the member (string[10], Lookup CategoryName = TITLE, see <a href="#">Titles</a> )
FirstName	First name of the member. (string[50], required)
MiddleName	Middle name of the member (string[50])
LastName	Last name of the member (string[50], required)
Email	Email address of the member (string[254])
DateOfBirth	Date of birth of the member (date, required)
Gender	Gender of the member. (string[50], see <a href="#">Genders</a> )
PhoneNumbers	Phone numbers of the member. (list, see <a href="#">Phone Number</a> )
Addresses	Addresses of the member. (list, see <a href="#">Address</a> )
DoNotCall	Indicates if the member can be called (bool)
DoNotSms	Indicates if the member can be sent an SMS (bool)
DoNotMail	Indicates if the member can be posted mail (bool)
DoNotEmail	Indicates if the member can be sent an Email (bool)
CardNumber	Card number of the member (string[50])

PinNumber	Pin number of the member (string[20])
AccountStartDate	Start date of the account (date)
AccountCode	Account code for the account (string[100])

## POST/PUT

Allows you to create billing account/s

API	BillingAccounts
Create Elements	All Elements
Response	BillingAccountResponse (see <a href="#">Response</a> )

## Billing Payments

### Overview

URL	BillingPayments
Methods Supported	PUT, POST
Description	Allows you to create a billing payment

### Elements

Reference	Payment Identifier (string[50], required)
Provider	Billing provider of the account (string, required, see <a href="#">Billing Providers</a> )
AccountReference	Account Identifier (string[50], required)
ProcessedDate	Date the payment was processed (date, required)
Amount	Amount of the payment (decimal, required)
TaxAmount	The amount of tax in the payment amount (decimal, required)
Method	Payment method of the payment. (string[50] , required, see <a href="#">Payment Methods</a> )
Description	Description of the payment (string[100], required, value of Account Payment, Suspension Fee)

## POST

Allows you to create billing payments

API	BillingPayments
Create Elements	All Elements
Response	BillingPaymentResponse (see <a href="#">Response</a> )

## Branch Closures

### Overview

URL	BranchClosures
Methods Supported	GET
Description	Allows you to retrieve branch closure information



## Elements

BranchClosureId	Identifier (guid)
BranchId	Branch Identifier (guid, required)
StartDate	Start date and time of the branch closure (datetime, required)
EndDate	End date and time of the branch closure (datetime, required)
Reason	Reason for the branch closure (string[100], required)
AlternateBranchId	The alternate branch to use during the closure (guid)
Group	Group of the branch closure (string[50])
Notes	Notes for the branch closure (string[2000])
IsDeleted	Indicates if the branch has been deleted (bool)
ModifiedDate	Date the branch was last modified (date)
ModifiedBy	Name of the user who modified the branch (string[50])

## GET - List

Allows you to retrieve a list of branch closures

API	Branches				
Optional parameters					
View	See <a href="#">View</a>				
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="505 989 1399 1073"> <tr> <td>Branch</td> <td>The branch of the branch closure</td> </tr> <tr> <td>AlternateBranch</td> <td>The alternate branch to use during the closure</td> </tr> </table>	Branch	The branch of the branch closure	AlternateBranch	The alternate branch to use during the closure
Branch	The branch of the branch closure				
AlternateBranch	The alternate branch to use during the closure				
Order	See <a href="#">Order By</a> Default order by field is StartDate				
Page	See <a href="#">Page</a>				
IncludeDeleted	Indicates if deleted branch closures should be returned (bool, default value = false)				

## GET - Single

Allows you to retrieve a branch closure

API	BranchClosures/{BranchClosureId}
Optional parameters	
View	See <a href="#">View</a>

## Branch Groups

### Overview

URL	BranchGroups
Methods Supported	GET
Description	Allows you to retrieve branch group information

## Elements

BranchGroupId	Identifier (guid)
Name	Name of branch group (string[50], required)
Description	Description of the branch group (string[2000])
Group	Group of the branch group (string[50])
Branches	The branches in the branch group (list, see <a href="#">Branch Group Branch</a> )
UserDefinedFieldValues	User defined field values for the branch group where IsApiVisible is true on the user defined field (list, see <a href="#">User Defined Field Values</a> )
IsDeleted	Indicates if the branch group has been deleted (bool)
ModifiedDate	Date the branch group was last modified (date)
ModifiedBy	Name of the user who modified the branch group (string[50])

## GET - List

Allows you to retrieve a list of branch groups

API	BranchGroups		
Optional parameters			
View	See <a href="#">View</a>		
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="506 942 1398 1016"> <tr> <td>Branches</td> <td>The branch group branch elements in the branch group</td> </tr> </table>	Branches	The branch group branch elements in the branch group
Branches	The branch group branch elements in the branch group		
Order	See <a href="#">Order By</a> Default order by field is Name		
Page	See <a href="#">Page</a>		
IncludeDeleted	Indicates if deleted branches should be returned (bool, default value = false)		

## GET - Single

Allows you to retrieve a branch group

API	BranchGroups/{BranchGroupId}
Optional parameters	
View	See <a href="#">View</a>

## Branches

### Overview

URL	Branches
Methods Supported	GET
Description	Allows you to retrieve branch information

### Elements

BranchId	Identifier (guid)
Name	Name of branch (string[75], required)

Status	Status of the branch (string, values of Opening Soon, Open, Closed, Shutdown, Deleted)
Prefix	Prefix of the branch (string[3], required)
DisplayName	Display name of the branch (string[75], required)
IsHeadOffice	Indicates if head office (bool)
Address	See <a href="#">Address</a>
Country	Country for the branch. (string[50], see <a href="#">Countries</a> )
PhoneNumber	Phone number of the branch (string[50])
FaxNumber	Fax number of the branch (string[50])
Website	Website address of the branch (string[1000])
Email	Email of the branch (string[254])
EmailDisplayName	Email display name of the email of the branch (string[50])
TimeZone	Time zone for the branch (string)
TaxRate	Tax rate for the branch (percentage)
TaxNumber	Tax number for the branch when the country is New Zealand, Australia or United Kingdom (string[50])
BusinessTaxNumber	Business tax number for the branch when the country is Australia (string[50])
OpenDate	Open date of the branch (date)
ShutdownDate	Shutdown date of the branch (date)
UserDefinedFieldValues	User defined field values for the branch where IsApiVisible is true on the user defined field (list, see <a href="#">User Defined Field Values</a> )
IsDeleted	Indicates if the branch has been deleted (bool)
ModifiedDate	Date the branch was last modified (date)
ModifiedBy	Name of the user who modified the branch (string[50])

### GET - List

Allows you to retrieve a list of branches

API	Branches
Optional parameters	
View	See <a href="#">View</a>
Filter	See <a href="#">Filter</a>
Order	See <a href="#">Order By</a> Default order by field is Name
Page	See <a href="#">Page</a>
IncludeDeleted	Indicates if deleted branches should be returned (bool, default value = false)

### GET - Single

Allows you to retrieve a branch

API	Branches/{BranchId}
Optional parameters	
View	See <a href="#">View</a>

## Classes

### Overview

URL	Classes
Methods Supported	GET
Description	Allows you to retrieve classes

### Elements

ClassId	Identifier (guid)
BranchId	Branch Identifier. (guid, required, see <a href="#">Branches</a> )
Name	Name of the class (string[100] , required)
PublicName	Public name of the class (string[50])
Description	Description of the class (string[2000])
Group	Group of the class (string[50])
DeductPaymentWhen	Indicates when the payment should be deducted for the class. (string[50], see <a href="#">Class Payment When</a> )
PrintBookingTicketWhen	Indicates when the booking ticket will be printed. (string[50], see <a href="#">Class Booking Ticket When</a> )
AllowWaitlist	Indicates if the class allow waitlist (bool)
WaitlistSize	Indicates the size of waitlist (int)
UserDefinedFieldValues	User defined field values for the class where IsApiVisible is true on the user defined field (list, see <a href="#">User Defined Field Values</a> )
IsDeleted	Indicates if the class has been deleted (bool)
ModifiedDate	Date the class was last modified (date)
ModifiedBy	Name of the user who modified the class (string[50])

### GET - List

Allows you to retrieve a list of classes

API	Classes				
Optional parameters					
View	See <a href="#">View</a>				
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="521 1509 1399 1591"> <tr> <td>Branch</td> <td>The branch of the class</td> </tr> <tr> <td>Sessions</td> <td>The sessions of the class</td> </tr> </table>	Branch	The branch of the class	Sessions	The sessions of the class
Branch	The branch of the class				
Sessions	The sessions of the class				
Order	See <a href="#">Order By</a> Default order by field is Name				
Page	See <a href="#">Page</a>				
IncludeDeleted	Indicates if deleted classes should be returned (bool, default value = false)				

### GET - Single

Allows you to retrieve a class

API	Classes/{ClassId}
Optional parameters	
View	See <a href="#">View</a>

## Corporates

### Overview

URL	Corporates
Methods Supported	GET
Description	Allows you to retrieve corporates

### Elements

Corporateld	Identifier (guid)
BranchId	Branch Identifier (guid, required)
Description	Description of the payment (string[100])
Group	Group of the class (string[50])
IsAllowFriendsAndFamily	Indicates if friends and family can have a corporate account (bool)
IsCardVisible	Indicates if the corporate card field is visible (bool)
CardValidateRegex	Regex for validation of the corporate card (string[unlimited])
ValidationRegexMessage	Message to display when validating the corporate card (string[255])
Notes	Notes for the corporate (string[unlimited])
UserDefinedFieldValues	The user defined field values for the corporate where IsApiVisible is true on the user defined field (list, see <a href="#">User Defined Field Values</a> )
IsDeleted	Indicates if the corporate has been deleted (bool)
ModifiedDate	Date the corporate was last modified (date)
ModifiedBy	Name of the user who modified the corporate (string[50])

### GET - List

Allows you to retrieve a list of corporates

API	Corporates		
Optional parameters			
View	See <a href="#">View</a>		
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="516 1570 1399 1619"> <tr> <td>Branch</td> <td>The branch of the corporate</td> </tr> </table>	Branch	The branch of the corporate
Branch	The branch of the corporate		
Order	See <a href="#">Order By</a> Default order by field is Description		
Page	See <a href="#">Page</a>		
IncludeDeleted	Indicates if deleted corporates should be returned (bool, default value = false)		

### GET - Single

Allows you to retrieve a corporate

API	Corporates/{CorporateId}
Optional parameters	
View	See <a href="#">View</a>

## Departures

### Overview

URL	Departures
Methods Supported	POST
Description	Allows you to post departures

### Elements

ZoneId	Zone Identifier (guid, required)
MemberId	Member Identifier (guid)
StaffId	Staff Identifier (guid)
CardNumber	Card number of the member (string[50])
PinNumber	Pin number of the member (string[20])
DepartureTime	Date and time of departure (dateTime)
ExternalReference	Access control provider reference (string[50], unique)

### POST

Allows you to post Departures.

Posting a departure will attempt to match and update an existing visit resource and redirect the client to that resource

Exactly one of: MemberId, StaffId, CardNumber, or PinNumber is required

API	Departures		
Response	DeparturesResponse (see <a href="#">Response</a> ) Additional elements:		
	<table border="1"> <tr> <td>VisitId</td> <td>The visit identifier of the matched visit</td> </tr> </table>	VisitId	The visit identifier of the matched visit
VisitId	The visit identifier of the matched visit		

## Enrolments

### Overview

URL	Enrolments
Methods Supported	POST, GET
Description	Allows you to retrieve and add new enrolment

### Elements

EnrolmentId	Enrolment Identifier (guid, required)
BranchId	Branch Identifier (guid, required)
MachineId	Machine Identifier (guid, required)

CardNumber	Card number of the enrolment (string[50])
IsDeleted	Indicates if the enrolment has been deleted (bool)
ModifiedDate	Date the enrolment was last modified (date, readonly)
ModifiedBy	Name of the user who modified the enrolment (string[50], readonly)

### GET - List

Allows you to retrieve a list of enrolments

API	Enrolments	
Optional parameters		
View	See <a href="#">View</a>	
Filter	See <a href="#">Filter</a>	
	Filter Relationships	
	Branch	The branch of the enrolment
	Machine	The machine of the enrolment
Order	See <a href="#">Order By</a> Default order by field is CardNumber	
Page	See <a href="#">Page</a>	
IncludeDeleted	Indicates if deleted enrolments should be returned (bool, default value = false)	

### GET - Single

Allows you to retrieve an enrolment

API	Enrolments/{EnrolmentId}
Optional parameters	
View	See <a href="#">View</a>

### POST

Allows you to post Enrolments.

API	Enrolments	
Response	EnrolmentResponse (see <a href="#">Response</a> )	
	Additional elements:	
	EnrolmentId	The enrolment identifier

## Invoices

### Overview

URL	Invoices
Methods Supported	POST, PUT, GET
Description	Allows you to retrieve, update and add invoices

### Elements

Invoiceld	Identifier (guid)
-----------	-------------------

AccountId	Account Identifier. See <a href="#">Accounts</a> (guid, required)
Type	Type of the invoice. See <a href="#">Invoice Types</a> (string[50], required)
StartDate	Start date of the invoice (date, required)
EndDate	End date of the invoice (date)
InstalmentFrequency	Instalment frequency of the invoice. (string[50], required, see <a href="#">Invoice Instalment Frequencies</a> )
InstalmentAmount	Amount of the instalment of the invoice (decimal)
SuspendPayments	Indicates if the payments should be suspended for other invoices during the start and end date for this invoice. Only applies when the type is suspend (bool)
BillingReference	Reference of the invoice provided by the billing provider (string[50], required)
IsLocked	Indicates if the invoice is locked (bool)
IsDeleted	Indicates if the invoice has been deleted (bool)
ModifiedDate	Date the invoice was last modified (date, readonly)
ModifiedBy	Name of the user who modified the invoice (string[50], readonly)

### GET - List

Allows you to retrieve a list of invoices

API	Invoices		
Optional parameters			
View	See <a href="#">View</a>		
Filter	See <a href="#">Filter</a> Filter Relationships		
	<table border="1"> <tr> <td>Account</td> <td>The account of the invoice</td> </tr> </table>	Account	The account of the invoice
Account	The account of the invoice		
Order	See <a href="#">Order By</a> Default order by field is StartDate		
Page	See <a href="#">Page</a>		
IncludeDeleted	Indicates if deleted invoices should be returned (bool, default value = false)		

### GET - Single

Allows you to retrieve an invoice

API	Invoices/{InvoiceId}
Optional parameters	
View	See <a href="#">View</a>

### POST/PUT

Allows you to create payment/s

API	Invoice		
Response	InvoiceResponse (see <a href="#">Response</a> ) Additional elements:		
	<table border="1"> <tr> <td>InvoiceId</td> <td>The invoice identifier of the new invoice</td> </tr> </table>	InvoiceId	The invoice identifier of the new invoice
InvoiceId	The invoice identifier of the new invoice		



## Lookup Categories

### Overview

URL	LookupCategories
Methods Supported	GET
Description	Allows you to retrieve lookup categories

### Elements

LookupCategoryId	Identifier (guid)
BranchId	Branch Identifier (guid)
Name	Name of the lookup category (string[50])
IsSystem	Indicates if it is a system lookup category (bool)
IsDeleted	Indicates if the lookup category has been deleted (bool)
ModifiedDate	Date the lookup category was last modified (date)
ModifiedBy	Name of the user who modified the lookup category (string[50])

### GET - List

Allows you to retrieve a list of lookup categories

API	LookupCategories
Optional parameters	
View	See <a href="#">View</a>
Filter	See <a href="#">Filter</a>
Order	See <a href="#">Order By</a> Default order by field is Name
Page	See <a href="#">Page</a>
IncludeDeleted	Indicates if deleted lookup categories should be returned (bool, default value = false)

### GET - Single

Allows you to retrieve a lookup

API	LookupCategories/{LookupCategoryId}
Optional parameters	
View	See <a href="#">View</a>

## Lookups

### Overview

URL	Lookups
Methods Supported	GET
Description	Allows you to retrieve lookup lists

## Elements

LookupId	Identifier (guid)
BranchId	Branch Identifier (guid)
LookupCategoryId	Lookup Category Identifier for the lookup (guid)
Value	Value of the lookup (string[64])
SortOrder	Sort order of the lookup (int)
IsSystem	Indicates if it is a system lookup (bool)
IsDeleted	Indicates if the lookup has been deleted (bool)
ModifiedDate	Date the look was last modified (date)
ModifiedBy	Name of the user who modified the look (string[50])

## GET - List

Allows you to retrieve a list of lookups

API	Lookups			
Optional parameters				
View	See <a href="#">View</a>			
Filter	See <a href="#">Filter</a>			
	Filter Relationships			
	<table border="1"> <tr> <td>Branch</td> <td>The branch of the lookup</td> </tr> <tr> <td>LookupCategory</td> <td>The lookup category for the lookup</td> </tr> </table>	Branch	The branch of the lookup	LookupCategory
Branch	The branch of the lookup			
LookupCategory	The lookup category for the lookup			
Order	See <a href="#">Order By</a> Default order by fields are LookupCategoryId, SortOrder			
Page	See <a href="#">Page</a>			
IncludeDeleted	Indicates if deleted lookups should be returned (bool, default value = false)			

## GET - Single

Allows you to retrieve a lookup

API	Lookups/{LookupId}
Optional parameters	
View	See <a href="#">View</a>

## Machines

### Overview

URL	Machines
Methods Supported	GET
Description	Allows you to retrieve machine information

### Elements

MachineId	Identifier (guid)
BranchId	Branch identifier (guid)

DefaultZoneId	Default zone identifier to use for arrivals and departures (guid)
Name	The machine name (string[50])
AllowBranchChange	Whether the machine can have the branch changed (bool)
Version	The last version of Clubware that was run on this machine (string[50])
OsVersion	The Windows version on this machine (string[50])
LastLogin	The last time user who used this machine to log into this Clubware database (string[50])
LastLoginDate	The last time this machine was used to log into this Clubware database (datetime)
SupportWebSyncRequired	If this machine record needs to be synced to the support web service (bool)
ShowBookingReminders	Indicates if the machine is set to check for booking reminders every minute (bool)
ShowErrorsInTheNotificationWindow	Indicates if the machine is configured to show errors in the notifications window (bool)
UsePOSPrinterForSessionBookingTickets	Indicates if the machine uses the POS printer to print session booking tickets (bool)
SessionBookingTicketPrinter	Name of the printer to use for printing session booking tickets (string[50])
NumberOfSessionBookingTickets	The number of session booking tickets to print (int)
RunServiceJobs	Indicates if the machine is configured to run service jobs (bool)
EftposProvider	Which Eftpos provider type is configured for this machine (None, PcEftpos, DPS)
IsDeleted	Indicates if the machine has been deleted (bool)
ModifiedDate	Date the machine was last modified (date)
ModifiedBy	Name of the user who modified the machine (string[50])

### GET - List

Allows you to retrieve a list of machines

API	Machines				
Optional parameters					
View	See <a href="#">View</a>				
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="505 1457 1399 1539"> <tr> <td>Branch</td> <td>The branch of the machine</td> </tr> <tr> <td>DefaultZone</td> <td>The default zone of the machine</td> </tr> </table>	Branch	The branch of the machine	DefaultZone	The default zone of the machine
Branch	The branch of the machine				
DefaultZone	The default zone of the machine				
Order	See <a href="#">Order By</a> Default order by field is Name				
Page	See <a href="#">Page</a>				
IncludeDeleted	Indicates if deleted machines should be returned (bool, default value = false)				

### GET - Single

Allows you to retrieve a machine

API	Machines/{MachineId}
-----	----------------------

Optional parameters	
View	See <a href="#">View</a>

## Member Attachments

### Overview

URL	Members/{MemberId}/Attachments
Methods Supported	PUT, GET, DELETE
Description	Allows you to retrieve, add or delete a member attachment

### Elements

AttachmentId	Identifier (guid)
MemberId	Member Identifier (guid)
Name	File name of the attachment without the extension (string[250])
Extension	Extension of the attachment (string[25])
Content	Content of the attachment as a byte array (byte)
ModifiedDate	Date the attachment was last modified (date, readonly)
ModifiedBy	Name of the user who modified the attachment (string[50], readonly)

### GET - List

Allows you to retrieve a list of member attachments

API	Members/{MemberId}/Attachments
Optional parameters	
View	See <a href="#">View</a>
Filter	See <a href="#">Filter</a>
Order	See <a href="#">Order By</a> Default order by field is Name
Page	See <a href="#">Page</a>

### GET - Single

Allows you to retrieve a member attachment

API	Members/{MemberId}/Attachments/{AttachmentId}
Optional parameters	
View	See <a href="#">View</a>

### GET - Content

Allows you to retrieve the content for a member attachment

API	Members/{MemberId}/Attachments/{AttachmentId}/Download
{application/octet-stream}	Content

## POST

Allows you to add an attachment for a member

API	Members/{MemberId}/Attachments/{Filename}
Parameters	
MemberId	The member identifier
Filename	The filename with extension of the attachment (string[250])
{application/octet-stream}	Attachment content (max attachment size is 10MB)
Response	MemberAttachmentResponse (see <a href="#">Response</a> )

## DELETE - List

Allows you to delete all attachments for a member

API	Members/{MemberId}/Attachments
-----	--------------------------------

## DELETE - Single

Allows you to delete an attachment for a member

API	Members/{MemberId}/Attachments/{AttachmentId}
-----	---

## Member Photos

### Overview

URL	Members/{memberId}/Photo
Methods Supported	PUT, POST, GET, DELETE
Description	Allows you to retrieve, update, add or delete a member photo

### GET

{RAW-IMAGE-CONTENT}	Content (jpeg)
---------------------	----------------

### POST/PUT

Allows you to add or update a photo for a member

API	Members/{MemberId}/Photo
{application/octet-stream}	Content (jpeg, max size 500KB)
Response	MemberPhotoResponse (see <a href="#">Response</a> )

### DELETE

Allows you to delete a photo for a member

API	Members/{MemberId}/Photo
-----	--------------------------

## Members

### Overview

URL	Members
Methods Supported	POST, PUT, GET
Description	Allows you to retrieve, add and update members

### Elements

MemberId	Identifier (guid)
BranchId	Branch Identifier (guid, required)
Status	Status of the member (string[50], see <a href="#">Member Statuses</a> )
Title	Title of the member (string[10], Lookup CategoryName = TITLE, see <a href="#">Titles</a> )
FirstName	First name of the member. (string[50], required)
MiddleName	Middle name of the member (string[50])
LastName	Last name of the member (string[50], required)
Alias1	Alias of the member (string[50])
Alias2	Alias of the member (string[50])
Alias3	Alias of the member (string[50])
Employer	Employer of the member (string[50])
Occupation	Occupation of the member (string[50])
Addresses	Addresses of the member. (list, see <a href="#">Address</a> )
Email	Email address of the member (string[254])
Alternate1Email	Second Email address of the member (string[254])
Alternate2Email	Third Email address of the member (string[254])
DateOfBirth	Date of birth of the member (date)
Gender	Gender of the member. (string[50], see <a href="#">Genders</a> )
MaritalStatus	Marital status of the member. (string[50], see <a href="#">Marital Statuses</a> )
PhoneNumbers	Phone numbers of the member. (list, see <a href="#">Phone Number</a> )
DoNotCall	Indicates if the member can be called (bool)
DoNotSms	Indicates if the member can be sent an SMS (bool)
DoNotMail	Indicates if the member can be posted mail (bool)
DoNotEmail	Indicates if the member can be sent an Email (bool)
EnrolledDate	The date the member was first enrolled. Set to the start date of the member's first account. (date)
ConsultantStaffMemberId	Consultant of the member. (guid, see <a href="#">Staff Members</a> )
InstructorStaffMemberId	Instructor of the member. (guid, see <a href="#">Staff Members</a> )
Source	Marketing source of the member. (string[50], Lookup Category Name = SOURCE)
CardTemplateId	The card template identifier (guid, card templates currently not supported)
CardNumber	Card number of the member (string[50])
PinNumber	Pin number of the member (string[20])
UserDefinedFieldValues	User defined field values for the member where IsApiVisible is true on the user defined field (list, see <a href="#">User Defined Field Values</a> )

LoadDate	Date the member was loaded (date)
LastVisitId	Last visit of the member (guid, see <a href="#">Visits</a> )
LastReciprocalAccessVisitId	Last reciprocal visit of the member (guid, see <a href="#">Visits</a> )
RewardPoints	Reward points balance of the member (int)
DisabledAccess	Indicates if the member has disabled access (bool)
ReferralMemberId	Referral member of the member. A member cannot refer himself/herself. (guid, see <a href="#">Members</a> )
PrimaryAccountId	Primary account for the member (guid, readonly, see <a href="#">Accounts</a> )
Notes	Notes for the member (string[unlimited])
Doctor	Doctor for the member (string[50])
HealthIssues	Health issues of the member (string[2000])
AccessControlGroup	Access control group of the member (string[50])
IsDeleted	Indicates if the member has been deleted (bool)
ModifiedDate	Date the member was last modified (date, readonly)
ModifiedBy	Name of the user who modified the member (string[50], readonly)

### GET - List

Allows you to retrieve a list of members

API	Members														
Optional parameters															
View	See <a href="#">View</a>														
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="527 1108 1404 1396"> <tr> <td>Branch</td> <td>The branch of the member</td> </tr> <tr> <td>PrimaryAccount</td> <td>The primary account of the member</td> </tr> <tr> <td>Accounts</td> <td>The accounts of the member</td> </tr> <tr> <td>Activities</td> <td>The activities of the member</td> </tr> <tr> <td>SessionBookings</td> <td>The session bookings of the member</td> </tr> <tr> <td>InstructorStaffMember</td> <td>The instructor staff member of the member</td> </tr> <tr> <td>ConsultantStaffMember</td> <td>The consultant staff member of the member</td> </tr> </table>	Branch	The branch of the member	PrimaryAccount	The primary account of the member	Accounts	The accounts of the member	Activities	The activities of the member	SessionBookings	The session bookings of the member	InstructorStaffMember	The instructor staff member of the member	ConsultantStaffMember	The consultant staff member of the member
Branch	The branch of the member														
PrimaryAccount	The primary account of the member														
Accounts	The accounts of the member														
Activities	The activities of the member														
SessionBookings	The session bookings of the member														
InstructorStaffMember	The instructor staff member of the member														
ConsultantStaffMember	The consultant staff member of the member														
Order	See <a href="#">Order By</a> Default order by fields are LastName, FirstName														
Page	See <a href="#">Page</a>														
IncludeInactive	Indicates if members with an inactive status or a custom inactive status should be returned (bool, default value = false)														
IncludeDeleted	Indicates if deleted members should be returned (bool, default value = false)														

### GET - Single

Allows you to retrieve a member

API	Members/{MemberId}
Optional parameters	
View	See <a href="#">View</a>

## POST/PUT

Allows you to create or update a member/s

API	Members		
Response	MemberResponse (see <a href="#">Response</a> ) Additional elements:		
	<table border="1"> <tr> <td>MemberId</td> <td>The member identifier of the new or updated member</td> </tr> </table>	MemberId	The member identifier of the new or updated member
MemberId	The member identifier of the new or updated member		

## Payments

### Overview

URL	Payments
Methods Supported	POST, PUT, GET
Description	Allows you to retrieve and add payments for accounts and sales. Payments cannot be updated.

### Elements

PaymentId	Identifier (guid)
BranchId	Branch Identifier. (guid, required, see <a href="#">Branches</a> )
MemberId	Member Identifier. (guid, required, see <a href="#">Members</a> )
AccountId	Account Identifier. (guid, required, see <a href="#">Accounts</a> )
InvoicedId	Invoice Identifier. (guid, see <a href="#">Invoices</a> )
Description	Description of the payment. (If an AccountId is provided then the description must be one of the defined account fee descriptions) (string[100])
Method	Payment method of the payment. (string[50] , required, see <a href="#">Payment Methods</a> )
Amount	Amount of the payment (decimal, required)
TaxAmount	The amount of tax in the payment amount (decimal, required)
CreatedDate	Date the payment was created (date, readonly)
CreatedBy	Name of the user who created the payment (string[50])
ProcessedDate	Date the payment was processed (date)
BillingReference	Reference of the payment provided by the billing provider. (string[50])
SendToBillingProvider	Indicates if the payment needs to be sent to the billing provider. Only supported when the account billing provider is Debitsuccess (bool)
RewardPoints	Reward points for the payment (int)

### GET - List

Allows you to retrieve a list of payments

API	Payments
Optional parameters	
View	See <a href="#">View</a>



Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="526 260 1398 380"> <tr> <td>Branch</td> <td>The branch of the payment</td> </tr> <tr> <td>Member</td> <td>The member for the payment</td> </tr> <tr> <td>Account</td> <td>The account of the payment</td> </tr> </table>	Branch	The branch of the payment	Member	The member for the payment	Account	The account of the payment
Branch	The branch of the payment						
Member	The member for the payment						
Account	The account of the payment						
Order	See <a href="#">Order By</a> Default order by field is ProcessedDate						
Page	See <a href="#">Page</a>						

### GET - Single

Allows you to retrieve a payment

API	Payments/{PaymentId}
Optional parameters	
View	See <a href="#">View</a>

### POST/PUT

Allows you to create payment/s

API	Payments		
Elements	BranchId, MemberId, AccountId, InvoiceId, BillingReference, Description, Method, Amount, ProcessedDate, SendToBillingProvider		
Response	PaymentResponse (see <a href="#">Response</a> ) Additional elements: <table border="1" data-bbox="526 1062 1398 1104"> <tr> <td>PaymentId</td> <td>The payment identifier of the new payment</td> </tr> </table>	PaymentId	The payment identifier of the new payment
PaymentId	The payment identifier of the new payment		

## Promotion Code Usages

### Overview

URL	PromotionCodeUsages
Methods Supported	POST, PUT, GET
Description	Allows you to retrieve, update, delete and add promotion code usages

### Elements

PromotionCodeUsageld	Identifier (guid)
PromotionCodeId	Promotion Code Identifier. (guid, see <a href="#">Promotion Codes</a> )
MemberId	Member Identifier (guid, required, see <a href="#">Members</a> )
PreAllocated	Indicates if the promotion code was pre-allocated to a member (bool). Do not set to true through the API.
LoadDate	The date the promotion code was redeemed on (date) optional. Default value is TODAY if it is not uploaded in POST/PUT method.

UsedDate	The date the promotion code is used for (date) The UsedDate indicates which promotion code period the usage is summarised in. The UsedDate will be the same as the account start date It may be different to the date the code is redeemed (LoadDate) Default value is TODAY if it is not uploaded in POST/PUT method.
LockExpiryDateUTC	The time the promotion code usage lock will expire, can be used to lock a promotion code usage temporarily until it has been used (datetime). Default value is NOW plus five minutes if it is not uploaded in POST/PUT method.
IsDeleted	Indicates if the promotion code usage has been deleted (bool)
ModifiedDate	Date the promotion code usage was last modified (date, readonly)
ModifiedBy	Name of the user who modified the promotion code usage (string[50], readonly)

### GET - List

Allows you to retrieve a list of promotion code usages

API	PromotionCodeUsages	
Optional parameters		
View	See <a href="#">View</a>	
Filter	See <a href="#">Filter</a>	
	Filter Relationships	
	PromotionCode	The promotion code of the promotion code usage
	Member	The member for the promotion code usage
Account	The account for the promotion code usage	
Order	See <a href="#">Order By</a> Default order by field is UsedDate	
Page	See <a href="#">Page</a>	
IncludeDeleted	Indicates if deleted promotion code usages should be returned (bool, default value = false)	

### GET - Single

Allows you to retrieve a promotion code usage

API	PromotionCodeUsages/{PromotionCodeUsageld}
Optional parameters	
View	See <a href="#">View</a>

### POST/PUT

Allows you to create or update a promotion code usage

API	PromotionCodeUsages
Response	PromotionCodeUsageResponse (see <a href="#">Response</a> )
	Additional elements:
PromotionCodeUsageld	The promotion code usage identifier of the new or updated promotion code usage

## Promotion Codes

### Overview

URL	PromotionCodes
Methods Supported	GET
Description	Allows you to retrieve promotion codes

### Elements

PromotionCodeId	Identifier (guid)
PromotionId	Promotion Identifier. (guid, see <a href="#">Promotions</a> )
Code	The code of the promotion code (string[50])
ReusableLimit	The number of times the code can be used when Reusable is true (int, 0 = unlimited)
ReusablePeriod	The period that a code can be reused within (string, values: Day, Week, Month, Year)
ReusablePeriodLimit	The number of times the code can be used within the ReusablePeriod (int, required if ReusablePeriod is set)
UsageTotal	The number of codes used (int)
IsReusableLimitReached	Indicates if the ReusableLimit has been reached (bool)
IsDeleted	Indicates if the promotion has been deleted (bool)
ModifiedDate	Date the promotion was last modified (date)
ModifiedBy	Name of the user who modified the promotion (string[50])

### GET - List

Allows you to retrieve a list of promotion codes

API	PromotionCodes			
Optional parameters				
View	See <a href="#">View</a>			
Filter	See <a href="#">Filter</a>			
	Filter Relationships			
	<table border="1"> <tr> <td>Promotion</td> <td>The promotion for the promotion code</td> </tr> <tr> <td>PromotionCodeUsages</td> <td>The promotion code usages for the promotion code</td> </tr> </table>	Promotion	The promotion for the promotion code	PromotionCodeUsages
Promotion	The promotion for the promotion code			
PromotionCodeUsages	The promotion code usages for the promotion code			
Order	See <a href="#">Order By</a> Default order by field is Code			
Page	See <a href="#">Page</a>			
IncludeDeleted	Indicates if deleted promotion codes should be returned (bool, default value = false)			

### GET - Single

Allows you to retrieve a promotion code

API	PromotionCodes/{PromotionCodeId}
Optional parameters	
View	See <a href="#">View</a>

## Promotions

### Overviews

URL	Promotions
Methods Supported	GET
Description	Allows you to retrieve promotions

### Elements

PromotionId	Identifier (guid)
BranchId	Branch Identifier. (guid, required, see <a href="#">Branches</a> )
Name	Name of the promotion (string[128] , required)
Status	Status of the promotion (string, see <a href="#">Promotion Statuses</a> )
Description	Description of the promotions (string[2000])
Group	Group of the promotion (string[50])
StartDate	The start date of the promotion (date, required)
EndDate	The end date of the promotion (date)
AccountTemplates	The account templates of the promotion (list, see <a href="#">Promotion Account Template</a> )
AccountEarliestStartDate	The earliest allowed account start date (date)
AccountLatestStartDate	The latest allowed account start date (date)
MemberSingleUse	Indicates if the promotion can be used only once per member (bool)
UserDefinedFieldValues	User defined field values for the promotion where IsApiVisible is true on the user defined field (list, see <a href="#">User Defined Field Values</a> )
IsDeleted	Indicates if the promotion has been deleted (bool)
ModifiedDate	Date the promotion was last modified (date)
ModifiedBy	Name of the user who modified the promotion (string[50])

### GET - List

Allows you to retrieve a list of promotions

API	Promotions	
Optional parameters		
View	See <a href="#">View</a>	
Filter	See <a href="#">Filter</a>	
	Filter Relationships	
	Branch	The branch of the promotion
	PromotionCodes	The promotion codes for the promotion
AccountTemplates	The promotion account template elements for the promotion	
Order	See <a href="#">Order By</a> Default order by field is Name	
Page	See <a href="#">Page</a>	
IncludeDeleted	Indicates if deleted promotions should be returned (bool, default value = false)	

## GET - Single

Allows you to retrieve a promotion

API	Promotions/{PromotionId}
Optional parameters	
View	See <a href="#">View</a>

## Report Filters

### Overview

URL	ReportFilters
Methods Supported	GET
Description	Allows you to retrieve report filters

### Elements

ReportFilterId	Identifier (guid)
ReportId	Report Identifier (guid)
Description	Description of the filter (string[64])
SourceType	Source type of the filter (string[50], see <a href="#">Report Source Types</a> )
Fields	Filter fields (list, see <a href="#">Report Filter Field</a> )
ModifiedDate	Date the data design filter was last modified (date)
ModifiedBy	Name of the user who modified the data design filter (string[50])

## GET - List

Allows you to retrieve a list of report filters

API	ReportsFilters		
Optional parameters			
View	See <a href="#">View</a>		
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="522 1396 1398 1438"> <tr> <td>Report</td> <td>The report of the report filters</td> </tr> </table>	Report	The report of the report filters
Report	The report of the report filters		
Order	See <a href="#">Order By</a> Default order by field is Description		
Page	See <a href="#">Page</a>		

## GET - Single

Allows you to retrieve a report filter

API	ReportFilters/{ReportFilterId}
Optional parameters	
View	See <a href="#">View</a>

## Report Results

### Overview

URL	ReportResults
Methods Supported	GET, POST
Description	Allows you to retrieve report results

### GET

Allows you to retrieve report results by a report filter

API	ReportResults/{ReportId}
OutputType	Output format of the report (string[50], default value = XML_RAW, see <a href="#">Report Output Types</a> )
ReturnType	The return type of the report (string[50], default value = Binary, see <a href="#">Report Return Types</a> )
ReturnFileName	The filename of the report file that is returned when ReturnType = Binary (string[255], default value = ReportResults)
ReportFilterId	Report filter (guid, see <a href="#">Report Filter Field</a> )
BranchId	The branch to use with the Current Branch filter token (guid, default value = Head Office branch, see <a href="#">Report Filter Branch Name Field Token</a> )
StaffMemberId	The staff member to use with the My Branches filter token (guid, required if My Branches token is used, see <a href="#">Report Filter Branch Name Field Token</a> )

### POST

Allows you to retrieve report results by report filter fields

API	ReportResults/{ReportId}
OutputType	Output format of the report (string[50], default value = XML_RAW, see <a href="#">Report Output Types</a> )
ReturnType	Return type of the report (string[50], default value = Binary, see <a href="#">Report Return Types</a> )
ReturnFileName	The filename of the report file that is returned when ReturnType = Binary (string[255], default value = ReportResults)
BranchId	The branch to use with the Current Branch filter token (guid, default value = Head Office branch, see <a href="#">Report Filter Branch Name Field Token</a> )
StaffMemberId	The staff member to use with the My Branches filter token (guid, required if My Branches token is used, see <a href="#">Report Filter Branch Name Field Token</a> )
{Content}	Report filter fields (list, see <a href="#">Report Filter Field</a> )

Content

{application/octet-stream}	Binary results of the report if the return type parameter is binary if the output type supports binary
{text/plain}	Text results of the report if the return type parameter is text if the output type supports text

## Reports

### Overview

URL	Reports
Methods Supported	GET
Description	Allows you to retrieve reports

### Elements

ReportId	Identifier (guid)
BranchId	Branch Identifier (guid)
Name	Name of the report (string[100])
Description	Description of the report (string[200])
Group	Group of the report (string[50])
SourceType	Source type of the report (string[50], see <a href="#">Report Source Types</a> )
Columns	Columns in the report (list, see <a href="#">Report Column</a> )
IsDeleted	Indicates if the report has been deleted (bool)
ModifiedDate	Date the report was last modified (date)
ModifiedBy	Name of the user who modified the report (string[50])

### GET - List

Allows you to retrieve a list of reports

API	Reports		
Optional parameters			
View	See <a href="#">View</a>		
Filter	See <a href="#">Filter</a> Filter Relationships		
	<table border="1"> <tr> <td>Branch</td> <td>The branch of the report</td> </tr> </table>	Branch	The branch of the report
Branch	The branch of the report		
Order	See <a href="#">Order By</a> Default order by field is Name		
Page	See <a href="#">Page</a>		
IncludeDeleted	Indicates if deleted reports should be returned (bool, default value = false)		

### GET - Single

Allows you to retrieve a report

API	Reports/{ReportId}
Optional parameters	
View	See <a href="#">View</a>

## Resources

### Overview

URL	Resources
Methods Supported	GET
Description	Allows you to retrieve resources

### Elements

ResourceId	Identifier (guid)
BranchId	Branch Identifier (guid, required)
Description	Description of the resource (string[128], required)
IsLocation	Indicates if the resource is a location (bool)
Group	Group of the resource (string[50])
Notes	Notes for the resource (string[2000])
UserDefinedFieldValues	User defined field values for the resources where IsApiVisible is true on the user defined field (list, see <a href="#">User Defined Field Values</a> )
IsDeleted	Indicates if the resource has been deleted (bool)
ModifiedDate	Date the resource was last modified (date)
ModifiedBy	Name of the user who modified the resource (string[50])

### GET - List

Allows you to retrieve a list of resources

API	Resources		
Optional parameters			
View	See <a href="#">View</a>		
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="521 1291 1398 1333"> <tr> <td>Branch</td> <td>The branch of the resource</td> </tr> </table>	Branch	The branch of the resource
Branch	The branch of the resource		
Order	See <a href="#">Order By</a> Default order by field is Description		
Page	See <a href="#">Page</a>		
IncludeDeleted	Indicates if deleted resources should be returned (bool, default value = false)		

### GET - Single

Allows you to retrieve resources

API	Resources/{ResourceId}
Optional parameters	
View	See <a href="#">View</a>



## Session Bookings

### Overview

URL	SessionBookings
Methods Supported	POST, PUT, GET
Description	Allows you to retrieve, add and delete session bookings.

### Elements

SessionBookingId	Identifier (guid)
BranchId	Branch Identifier. (guid, readonly, see <a href="#">Branches</a> )
MemberId	Member Identifier. (guid, see <a href="#">Members</a> )
ClassId	Class Identifier. (guid, readonly, see <a href="#">Classes</a> )
SessionId	Session Identifier. (guid, see <a href="#">Sessions</a> )
BookedDate	Booked date of the session booking (date, required)
BookingNumber	Booking number of the session booking (int, readonly)
PaidStatus	Paid status of the session booking. (string[50], see <a href="#">Session Booking Paid Statuses</a> )
Attended	Indicates if the session booking has been attended (bool)
ConcessionUsageId	Account concession usage Identifier (guid, concession usage currently not supported)
IsDeleted	Indicates if the session booking has been deleted (bool)
ModifiedDate	Date the session booking was last modified (date, readonly)
ModifiedBy	Name of the user who modified the session booking (string[50], readonly)

### GET - List

Allows you to retrieve a list of session bookings

API	SessionBookings								
Optional parameters									
View	See <a href="#">View</a>								
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="527 1381 1399 1545"> <tr> <td>Branch</td> <td>The branch of the session booking</td> </tr> <tr> <td>Member</td> <td>The member for the session booking</td> </tr> <tr> <td>Session</td> <td>The session of the session booking</td> </tr> <tr> <td>Class</td> <td>The class of the session booking</td> </tr> </table>	Branch	The branch of the session booking	Member	The member for the session booking	Session	The session of the session booking	Class	The class of the session booking
Branch	The branch of the session booking								
Member	The member for the session booking								
Session	The session of the session booking								
Class	The class of the session booking								
Order	See <a href="#">Order By</a> Default order by field is BookedDate								
Page	See <a href="#">Page</a>								
IncludeDeleted	Indicates if deleted session bookings should be returned (bool, default value = false)								

### GET - Single

Allows you to retrieve a session booking

API	SessionBookings/{SessionBookingId}
-----	------------------------------------

Optional parameters	
View	See <a href="#">View</a>

## POST/PUT

Allows you to create a session booking/s, or update a session booking/s with corresponding session booking id/s.

API	SessionBookings	
Create Elements	SessionId, MemberId, BookedDate, PaidStatus, Attended, IsDeleted	
Update Elements	PaidStatus, Attended, IsDeleted	
Optional parameters		
RefundConcession	Indicates if a concession should be refunded, only applies when IsDeleted is true (bool, default value is true)	
Create Response	SessionBookingResponse (see <a href="#">Response</a> )	
	Additional elements:	
	SessionBookingId	The session booking identifier of the new session booking (guid)
	PaymentStatus	Paid status (string, see <a href="#">Session Booking Paid Status</a> )
	PaymentAmount	Payment amount for the session booking (decimal)
	PaymentRequired	Indicates if a payment is required for the booking (bool)
	PaymentWhen	Indicates when the payment should be taken (string, see Class Booking Payment When)
	ConcessionUsageld	Account concession usage Identifier (guid, concession usage currently not supported)
Update Response	SessionBookingResponse (see <a href="#">Response</a> )	
	Additional elements:	
Delete Response	SessionBookingResponse (see <a href="#">Response</a> )	
	Additional elements:	
	SessionBookingId	The session booking identifier of the new or updated session booking (guid)
	MemberWebsiteFailed	Indicates if the booking was synced with the member website (bool)

## POST

Allows you to promote a member from session waitlist to be attendee

API	SessionBookings
Create Elements	SessionWaitlistId

## Sessions

### Overview

URL	Sessions
Methods Supported	GET
Description	Allows you to retrieve, update and add sessions

### Elements

SessionId	Identifier (guid)
ClassId	Class Identifier. (guid, required, see <a href="#">Classes</a> )
StartDate	Start date of the session (date, required)
Duration	Duration of the session in minutes (int, 1 to 999, required)
MaxSize	Maximum session bookings for the session. 0 = unlimited (int)
TargetSize	Target session bookings for reporting (int)
Notes	Notes for the session (string[unlimited])
PublicNotes	Public notes for the session (string[unlimited])
LocationResourceId	Location of the session. (guid, see <a href="#">Resources</a> )
Instructors	Instructors of the session (list, see <a href="#">Session Instructor</a> )
Resources	Resources allocated to the session (list, see <a href="#">Session Resource</a> )
BookingCount	Count of bookings (int)
IsDeleted	Indicates if the session has been deleted (bool)
ModifiedDate	Date the session was last modified (date)
ModifiedBy	Name of the user who modified the session (string[50])

### GET - List

Allows you to retrieve a list of sessions

API	Sessions										
Optional parameters											
View	See <a href="#">View</a>										
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="521 1465 1399 1667"> <tr> <td>Branch</td> <td>The branch of the session</td> </tr> <tr> <td>Class</td> <td>The class of the session</td> </tr> <tr> <td>Instructors</td> <td>The session instructor elements of the session</td> </tr> <tr> <td>Resources</td> <td>The session resource elements of the session</td> </tr> <tr> <td>SessionBookings</td> <td>The session bookings of the session</td> </tr> </table>	Branch	The branch of the session	Class	The class of the session	Instructors	The session instructor elements of the session	Resources	The session resource elements of the session	SessionBookings	The session bookings of the session
Branch	The branch of the session										
Class	The class of the session										
Instructors	The session instructor elements of the session										
Resources	The session resource elements of the session										
SessionBookings	The session bookings of the session										
Order	See <a href="#">Order By</a> Default order by field is StartDate										
Page	See <a href="#">Page</a>										
IncludeDeleted	Indicates if deleted sessions should be returned (bool, default value = false)										

## GET - Single

Allows you to retrieve a class

API	Sessions/{SessionId}
Optional parameters	
View	See <a href="#">View</a>

## POST/PUT

Allows you to create or update a session/s

API	Sessions		
Response	SessionResponse (see <a href="#">Response</a> ) Additional elements: <table border="1" data-bbox="521 646 1398 688"> <tr> <td>SessionId</td> <td>The session identifier of the new or updated session</td> </tr> </table>	SessionId	The session identifier of the new or updated session
SessionId	The session identifier of the new or updated session		
View	See <a href="#">View</a>		

## Session Waitlists

### Overview

URL	SessionWaitlists
Methods Supported	POST, PUT, GET
Description	Allows you to retrieve, add and delete session waitlists.

### Elements

SessionWaitlistId	Identifier (guid)
BranchId	Branch Identifier. (guid, readonly, see <a href="#">Branches</a> )
MemberId	Member Identifier. (guid, see <a href="#">Members</a> )
ClassId	Class Identifier. (guid, readonly, see <a href="#">Classes</a> )
SessionId	Session Identifier. (guid, see <a href="#">Sessions</a> )
SessionBookingId	Session Booking Identifier. (guid, readonly, see <a href="#">SessionBookings</a> )
WaitlistedDate	Booked date of the session waitlist (date, required)
PromotedDate	Promoted date of the session waitlist (date, readonly)
IsDeleted	Indicates if the session waitlist has been deleted (bool)
Notes	Description of membership validation errors (string[2000], readonly)
ModifiedDate	Date the session was last modified (date)
ModifiedBy	Name of the user who modified the session (string[50])

## GET - List

Allows you to retrieve a list of session waitlists

API	SessionWaitlists
Optional parameters	
View	See <a href="#">View</a>

Filter	See <a href="#">Filter</a>	
	Filter Relationships	
	Branch	The branch of the session waitlist
	Member	The member for the session waitlist
	Session	The session of the session waitlist
	Class	The class of the session waitlist
	Session Booking	The session booking of session waitlist
Order	See <a href="#">Order By</a> Default order by field is WaitlistedDate	
Page	See <a href="#">Page</a>	
IncludeDeleted	Indicates if deleted session waitlists should be returned (bool, default value = false)	

### GET - Single

Allows you to retrieve a session waitlist

API	SessionWaitlists/{SessionWaitlistId}
Optional parameters	
View	See <a href="#">View</a>

### POST/PUT

Allows you to create a session waitlist/s, or update a session waitlist/s with corresponding session waitlist id/s.

API	SessionWaitlists	
Create Elements	SessionId, MemberId, WaitlistedDate	
Update Elements	IsDeleted	
Optional parameters		
Create Response	SessionWaitlistResponse (see <a href="#">Response</a> )	
	Additional elements:	
	SessionWaitlistId	The session waitlist identifier of the new session waitlist (guid)
Delete Response	SessionWaitlistResponse (see <a href="#">Response</a> )	
	Additional elements:	
	SessionWaitlistId	The session waitlist identifier of the new or updated session waitlist (guid)

## Staff Member Photos

### Overview

URL	StaffMembers/{StaffMemberId}/Photo
Methods Supported	PUT, POST, GET, DELETE
Description	Allows you to retrieve, update, add or delete a staff member photo

### GET

{RAW-IMAGE-CONTENT}	Content (jpeg)
---------------------	----------------

## POST/PUT

Allows you to add or update a photo for a staff member

API	StaffMembers/{StaffMemberId}/Photo
{application/octet-stream}	Content (jpeg, max size 500KB)

## DELETE

Allows you to delete a photo for a staff member

API	StaffMembers/{StaffMemberId}/Photo
-----	------------------------------------

## Staff Members

### Overview

URL	StaffMembers
Methods Supported	GET
Description	Allows you to retrieve staff members

### Elements

StaffMemberId	Identifier (guid)
BranchId	Branch Identifier (guid, required)
Title	Title of the staff member (string[10], Lookup Category Name = TITLE, see <a href="#">Titles</a> )
FirstName	First name of the staff member (string[50])
LastName	Last name of the staff member (string[50])
PublicName	Name displayed on the sales receipt and the member website (string[100])
Status	Status of the staff member (string, see <a href="#">Staff Statuses</a> )
StartDate	Start date of the staff member (date)
EndDate	End date of the staff member (date)
Position	Staff position for HR purposes (string[50])
DateOfBirth	Date of birth of the staff member (date)
Gender	Gender of the staff member. (string[50], see <a href="#">Genders</a> )
PhoneNumbers	Phone numbers of the staff member. (list, see <a href="#">Phone Number</a> )
Addresses	The addresses of the staff member. (list, see <a href="#">Address</a> )
Email	Email address of the staff member (string[254])
CommissionRate	Commission rate of the staff member (percentage)
Login	Login for Clubware (string[50])
SecurityGroupId	Security Group Identifier (guid, security groups currently not supported)
CardTemplateId	The card template identifier (guid, card templates currently not supported)
CardNumber	Card number of the staff member (string[50])
PinNumber	Pin number of the staff member (string[20])
IsResource	Indicates if the staff member can be used as a resource for bookings and classes (bool)
LastLoginDate	Last date the staff member logged in (date)

Notes	Notes for the staff member (string[2000])
Qualifications	Qualifications for the staff member (string[2000])
PublicSummaryNotes	Public summary notes for the staff member (string[unlimited])
PublicDetailedNotes	Public detailed notes for the staff member (string[unlimited])
LoginBranches	The branches that the staff member can login to (list, see <a href="#">Login Branch</a> )
LoginBranchGroups	The branch groups that the staff member can login to (list, see <a href="#">Login Branch Group</a> )
UserDefinedFieldValues	User defined field values for the staff member where IsApiVisible is true on the user defined field (list, see <a href="#">User Defined Field Values</a> )
IsDeleted	Indicates if the staff member has been deleted (bool)
ModifiedDate	Date the staff member was last modified (date)
ModifiedBy	Name of the user who modified the staff member (string[50])

### GET - List

Allows you to retrieve a list of staff members

API	StaffMembers						
Optional parameters							
View	See <a href="#">View</a>						
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="522 947 1398 1129"> <tr> <td>Branch</td> <td>The branch of the staff member</td> </tr> <tr> <td>LoginBranches</td> <td>The login branch elements the staff member can login to</td> </tr> <tr> <td>LoginBranchGroups</td> <td>The login branch group elements the staff member can login to</td> </tr> </table>	Branch	The branch of the staff member	LoginBranches	The login branch elements the staff member can login to	LoginBranchGroups	The login branch group elements the staff member can login to
Branch	The branch of the staff member						
LoginBranches	The login branch elements the staff member can login to						
LoginBranchGroups	The login branch group elements the staff member can login to						
Order	See <a href="#">Order By</a> Default order by fields are LastName, FirstName						
Page	See <a href="#">Page</a>						
IncludeDeleted	Indicates if deleted staff members should be returned (bool, default value = false)						
IncludeDeletedChildren	Indicates if deleted login branches and login branch groups should be returned (bool, default value = false)						

### GET - Single

Allows you to retrieve a staff member

API	StaffMembers/{StaffMemberId}
Optional parameters	
View	See <a href="#">View</a>

## User Defined Fields

### Overview

URL	UserDefinedFields
Methods Supported	GET
Description	Allows you to retrieve user defined fields

## Elements

UserDefinedFieldId	Identifier (guid)
BranchId	Branch Identifier (guid, required)
EntityType	Type of entity for the user defined field. (string[50], see <a href="#">User Defined Field Entity Types</a> )
Name	Name of the user defined field (string[50])
Long Name	Long name of the user defined field (string[200])
Data Type	Data type of the user defined field (string[50], see <a href="#">User Defined Field Data Types</a> )
Group	Group of the user defined field (string[50])
IsUiVisible	Indicates if the user defined field is visible in the user interface (bool)
IsGridVisible	Indicates if the user defined field is visible in the grid (bool)
IsApiVisible	Indicates if the user defined field is visible in the API (bool)
IsSearchable	Indicates if the user defined field is indexed and searchable (bool)
IsStringMultiline	Indicates if the user defined field supports multiple lines when the data type is string (bool)
IsRequired	Indicates if the user defined field value is required (bool)
ValidationRegEx	Regular expression used for validation of the user defined field value (string[unlimited])
ValidationRegExMessage	Message to display when validating the corporate card (string[255])
ValidationStringLength	Length of the user defined field value when the data type is string (int)
LookupCategoryId	Lookup Category Identifier for the lookup when the data type is string (guid, see <a href="#">Lookup Categories</a> )
IsLookupValueRequired	Indicates if the user defined field value must be from the lookup category when the data type is string (bool)
IsDeleted	Indicates if the user defined field has been deleted (bool)
ModifiedDate	Date the user defined field was last modified (date)
ModifiedBy	Name of the user who modified the user defined field (string[50])

## GET - List

Allows you to retrieve a list of user defined fields

API	UserDefinedFields				
Optional parameters					
View	See <a href="#">View</a>				
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="521 1556 1398 1640"> <tr> <td>Branch</td> <td>The branch of the user defined field</td> </tr> <tr> <td>LookupCategory</td> <td>The lookup category for the user defined field</td> </tr> </table>	Branch	The branch of the user defined field	LookupCategory	The lookup category for the user defined field
Branch	The branch of the user defined field				
LookupCategory	The lookup category for the user defined field				
Order	See <a href="#">Order By</a> Default order by fields are EntityType, Name				
Page	See <a href="#">Page</a>				
IncludeDeleted	Indicates if deleted user defined fields should be returned (bool, default value = false)				



## GET - Single

Allows you to retrieve a user defined field

API	UserDefinedFields/{UserDefinedFieldId}
Optional parameters	
View	See <a href="#">View</a>

## Visits

### Overview

URL	Visits
Methods Supported	GET
Description	Allows you to retrieve visits

### Elements

VisitId	Identifier (guid)
BranchId	Branch Identifier (guid, required)
MemberId	Member Identifier (guid, required)
AccountId	Account Identifier (guid)
ZonId	Zone Identifier (guid)
CreatedDate	The date and time the visit was created (date, required)
ExitDate	The date and time the member exited (date)
Outcome	The outcome of the visit (string[10],required, values of Allowed, Denied, HoldRemoved)
OutcomeStaffMemberId	Staff Member who set the outcome (guid)
RewardPoints	The reward points for the visit (int, readonly)
StopOnArrival	Indicates if the stop on arrival was set for the arrival account (bool, readonly)
StopOnArrivalOtherAccounts	Indicates if the stop at arrival was set for other accounts (bool, readonly)
ArrivalNote	Stop on arrival note that is displayed (string[2000] , readonly)
OverdueAmount	Amount overdue for the arrival account (decimal, readonly)
OverdueAmountOtherAccounts	Amount overdue for other accounts (decimal, readonly)
OverdueAmountOutsideGracePeriod	Amount overdue outside the grace period for the arrival account (decimal, readonly)
OverdueAmountOutsideGracePeriodOtherAccounts	Amount overdue outside the grace period for other accounts (decimal, readonly)
ConcessionBalance	Concession balance of the account (int, readonly)
IsBirthday	Indicates if it is the members birthday (bool, readonly)
ConcessionUsageId	Concession Usage Identifier (guid, readonly, Concession Usage not supported)
IsFutureAccount	Indicates if the arrival account starts in the future (bool, readonly)
IsExpiringAccount	Indicates if the account is expiring soon (bool, readonly)
IsExpiredAccount	Indicates if the account has expired (bool, readonly)

AccountEndDate	The end date of the arrival account (date, readonly)
IsReciprocalAccess	Indicates if the arrival account belongs to another branch (bool, readonly)
HomeBranchId	Branch Identifier for the arrival account or member (guid, required)
BillingProviderArrivalNote	Billing provider stop note that is displayed (string[2000] , readonly)
IsMemberDeleted	Indicates if the member has been deleted (bool, readonly)
IsAccountDeleted	Indicates if the account has been deleted (bool, readonly)
AllowEntryIfOverdueUntilDate	The allow entry if overdue until date on the arrival account (date)
EntryExternalReference	The external reference for the entry (string[50], unique for the AccessControlServerId)
EntryExternalAccessControlServerId	The access control server for the entry (guid, required if ExternalReference is set)
ExitExternalReference	The external reference for the exit (string[50], unique for the AccessControlServerId)
ExitExternalAccessControlServerId	The access control server for the exit (guid, required if ExternalReference is set)

### GET - List

Allows you to retrieve a list of visits

API	Visits	
Optional parameters		
View	See <a href="#">View</a>	
Filter	See <a href="#">Filter</a>	
	Filter Relationships	
	Branch	The branch of the visit
	HomeBranch	The home branch of the arrival account or member
	Member	The arrival member
	Account	The arrival account
	OutcomeStaffMember	The staff member that set the outcome
Zone	The zone of the visit	
Order	See <a href="#">Order By</a> Default order by field is CreatedDate descending	
Page	See <a href="#">Page</a>	

### GET - Single

Allows you to retrieve a visit

API	Visits/{VisitId}
Optional parameters	
View	See <a href="#">View</a>

## Watch Results

### Overview

URL	WatchResults
Methods Supported	GET
Description	Allows you to retrieve watch results

### Elements

WatchId	Identifier (guid)
Action	Action of the watch (string, value of StopAtGate, Warn, Block)
Reason	Reason of the watch (string[100])

### GET

Allows you to retrieve a list of watch results

API	WatchResults
Elements	All Elements
Parameters	
FirstName	First name to compare to members for watch results (string[50])
LastName	Last name to compare to members for watch results (string[50])
DateOfBirth	Date of birth to compare to members for watch results (date)
Email	Email address to compare to members for watch results (string[254])
PhoneNumber	Phone number to compare to members for watch results (string[50]) Characters allowed: 0-9, spaces, '+' and parenthesis
PhoneNumber2	Phone number to compare to members for watch results (string[50]) Characters allowed: 0-9, spaces, '+' and parenthesis
Postcode	Postcode or ZIP code to compare to members for watch results (string[50])

## Watches

### Overview

URL	Watches
Methods Supported	GET
Description	Allows you to retrieve watches

### Elements

WatchId	Identifier (guid)
BranchId	Branch Identifier (guid, required)
MemberId	Member Identifier (guid)
Action	Action of the watch (string, required, value of StopAtGate, Warn, Block)
Reason	Reason of the watch (string[100], required)
Group	Group of the watch (string[50])

FirstName	First name to compare to members for watch results (string[50])
LastName	Last name to compare to members for watch results (string[50])
DateOfBirth	Date of birth to compare to members for watch results (date)
Email	Email address to compare to members for watch results (string[254])
PhoneNumber	Phone number to compare to members for watch results (string[50]) Characters allowed: 0-9, spaces, '+' and parenthesis
Postcode	Postcode or ZIP code to compare to members for watch results (string[50])
LoadDate	Date the watch was loaded (date)
IsDeleted	Indicates if the watch has been deleted (bool)
ModifiedDate	Date the watch was last modified (date)
ModifiedBy	Name of the user who modified the watch (string[50])

### GET - List

Allows you to retrieve a list of watches

API	Watches				
Optional parameters					
View	See <a href="#">View</a>				
Filter	See <a href="#">Filter</a> Filter Relationships <table border="1" data-bbox="522 947 1398 1031"> <tr> <td>Branch</td> <td>The branch of the watch</td> </tr> <tr> <td>Member</td> <td>The member of the watch</td> </tr> </table>	Branch	The branch of the watch	Member	The member of the watch
Branch	The branch of the watch				
Member	The member of the watch				
Order	See <a href="#">Order By</a> Default order by field is LoadDate				
Page	See <a href="#">Page</a>				
IncludeDeleted	Indicates if deleted watches should be returned (bool, default value = false)				

### GET - Single

Allows you to retrieve Watches

API	Watches/{WatchId}
Optional parameters	
View	See <a href="#">View</a>

## Zones

### Overview

URL	Zones
Methods Supported	GET
Description	Allows you to retrieve zones

### Elements

Zoneld	Identifier (guid)
--------	-------------------

BranchId	Branch Identifier (guid, required)
Name	Name of the zone (string[50], required)
CreateVisit	Indicates if a visit should be created when an entry occurs for the zone (bool)
VisitDirection	The direction of the zone (string, values of Entry, Exit)
VisitSecondaryDirection	The secondary direction of the zone (string, values of Entry, Exit)
VisitRewardPoints	Reward points for visits against the zone (int)
ZoneGroup	Group of the zone (string[50])
UseConcession	Indicates if a concession will be deducted (bool)
AutoAttend	Indicates if a member will attend a booking or session automatically (bool)
IncludeVisit	Indicates if a visit will be included in visit counts (bool)
IsDeleted	Indicates if the zone has been deleted (bool)
ModifiedDate	Date the zone was last modified (date)
ModifiedBy	Name of the user who modified the zone (string[50])

### GET - List

Allows you to retrieve a list of zones

API	Zones			
Optional parameters				
View	See <a href="#">View</a>			
Filter	See <a href="#">Filter</a>			
	Filter Relationships			
	<table border="1"> <tr> <td>Branch</td> <td>The branch of the zone</td> </tr> <tr> <td>Visits</td> <td>The visits of the zone</td> </tr> </table>	Branch	The branch of the zone	Visits
Branch	The branch of the zone			
Visits	The visits of the zone			
Order	See <a href="#">Order By</a> Default order by field is Name			
Page	See <a href="#">Page</a>			
IncludeDeleted	Indicates if deleted Zones should be returned (bool, default value = false)			

### GET - Single

Allows you to retrieve Zones

API	Zones/{ZoneId}
Optional parameters	
View	See <a href="#">View</a>

## Elements

### Address

#### Overview

Description	Allows you to retrieve and update an address
-------------	--

## Elements

Type	The type of the address. (string, values of home, home2, postal, work, physical, previous)
Address1	Address 1 (string[100])
Address2	Address 2 (string[100])
Suburb	Suburb, locality or district. May not be applicable based on branch country (string[100])
City	City, post town or region. May not be applicable based on branch country (string[100])
Postcode	Postcode or ZIP code (string[50])
State	State. May not be applicable based on branch country (string[50])
IsPreferred	Indicates if this address is the preferred address (bool)

## Arrival Note (Proposed for future release)

### Overview

Description	Allows you to retrieve arrival notes
-------------	--------------------------------------

### Elements

ArrivalNoteId	Identifier (guid)
AccountId	Account Identifier (guid, required)
BranchId	Branch Identifier (guid, required)
StopOnArrival	Indicates if an account will be stopped on arrival to a branch (bool)
ArrivalNote	The content of the arrival note (string[2000], required)
IsDeleted	Indicates if the arrival note has been deleted (bool)
ModifiedDate	Date the arrival note was last modified (date)
ModifiedBy	Name of the user who modified the arrival note (string[50])

### Relationships

Branch	The branch entity related to the arrival note
Account	The account entity related to the arrival note

## Branch Group Branch

### Overview

Description	Allows you to retrieve a branch of branch group
-------------	---

### Elements

BranchId	Branch identifier (guid)
----------	--------------------------

## Relationships

Branch	The branch entity related to the branch group branch element
--------	--

## Login Branch

### Overview

Description	Allows you to retrieve a login branch
-------------	---------------------------------------

### Elements

BranchId	Branch Identifier (guid)
IsDeleted	Indicates if the login branch has been deleted (bool)
ModifiedDate	Date the login branch was last modified (date)
ModifiedBy	Name of the user who modified the login branch (string[50])

## Relationships

Branch	The branch entity related to the login branch element
--------	---

## Login Branch Group

### Overview

Description	Allows you to retrieve a login branch group
-------------	---

### Elements

BranchGroupId	Branch Group Identifier (guid)
IsDeleted	Indicates if the login branch group has been deleted (bool)
ModifiedDate	Date the login branch group was last modified (date)
ModifiedBy	Name of the user who modified the login branch group (string[50])

## Relationships

BranchGroup	The branch group entity related to the login branch group element
-------------	---

## Phone Number

### Overview

Description	Allows you to retrieve or update a phone number
-------------	---

## Elements

Type	Type of the phone number. (string, values of home, mobile, business, emergency)
Name	Name of the person for the phone number (string[150])
Number	Phone number (string[50], required) Characters allowed: 0-9, spaces, '+', '-' and parenthesis
Extension	Phone number extension (string[12])
IsPreferred	Indicates if this address is the preferred phone number (bool)

## Reciprocal Access Branch

### Overview

Description	Allows you to retrieve a reciprocal access branch
-------------	---

### Elements

BranchId	Branch Identifier (guid)
IsDeleted	Indicates if the reciprocal access branch has been deleted (bool)
ModifiedDate	Date the reciprocal access branch was last modified (date)
ModifiedBy	Name of the user who modified the reciprocal access branch (string[50])

### Relationships

Branch	The branch entity related to the reciprocal access branch element
--------	---

## Report Column

### Overview

Description	Allows you to retrieve a report column
-------------	--

### Elements

Name	Name of the column
DataType	Data type of the column (Boolean, String, Number, DateTime, Guid, Binary)

## Report Filter Field

### Overview

Description	Allows you to retrieve a report filter field
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## Elements

LogicOperator	Logic operator of the field. (string[50], required, only applicable for reports with a source type of view, value of And, Or)
OpenBrackets	Number of open brackets (int, only applicable for reports with a source type of view)
Field	Name of the field (string[50], required)
Operand	Operand of the field comparison (string[50], required, only applicable for reports with a source type of view, see <a href="#">ReportFilterFieldOperand</a> )
Token	Token required to be resolved for a dynamic value (boolean, required)
Value	Value of the field (string[unlimited], required) Value may be a comma separated list if Operand is “Is one of” or “Is not one of” If Token is true, then value is one of tokens, see <a href="#">ReportFilterFieldToken</a>
CloseBrackets	Number of open brackets (int, only applicable for reports with a source type of view)

## ReportFilterFieldOperand

Operand	Value Type Required
Equal to	String or numeric
Not Equal to	String or numeric
Less than	Numeric
Greater than	Numeric
Less than or equal	Numeric
Greater than or equal	Numeric
Is blank	Value is ignored
Is not blank	Value is ignored
Is one of	List of String or Numeric
Is not one of	List of String or Numeric
Begins with	String
Ends with	String
Contains	String
Does not contain	String
DateEqual	Date
DateNotEqual	Date

## ReportFilterFieldToken

Token	Description
Yesterday	Yesterday, midnight to midnight
Today	Today, midnight to midnight
Tomorrow	Tomorrow, midnight to midnight
Last Week	Last week, starting on Monday
This Week	This week, starting on Monday
Next Week	Next week, starting on Monday
Last Month	Last month, starting on the 1 <sup>st</sup> of the month
This Month	This month, starting on the 1 <sup>st</sup> of the month
Next Month	Next month, starting on the 1 <sup>st</sup> of the month

## ReportFilterValueDataType

Data Type	Format
String	
Number	Integer or Decimal
DateTime	yyyy-MM-dd
Boolean	'true' or 'false'

## Promotion Account Template

### Overview

Description	Allows you to retrieve a promotion account template
-------------	---

### Elements

AccountTemplateId	Account template identifier (guid)
-------------------	------------------------------------

### Relationships

AccountTemplate	The account template entity related to the promotion account template element
-----------------	---

## Session Instructor

### Overview

Description	Allows you to retrieve a session instructor
-------------	---

### Elements

StaffMemberId	Staff Identifier (guid)
IsPrimaryInstructor	Indicates if this instructor is the primary instructor (bool)

### Relationships

StaffMember	The staff entity related to the session instructor element
-------------	--

## Session Resource

### Overview

Description	Allows you to retrieve a resource
-------------	-----------------------------------

### Elements

ResourceId	Resource Identifier (guid)
------------	----------------------------

## Relationships

Resource	The resource entity related to the session resource element
----------	---

## User Defined Field Value

### Overview

Description	Allows you to retrieve and update user defined field values
-------------	---

### Elements

UserDefinedFieldId	UserDefinedField Identifier (guid, required)
Value	Value of the user defined field Required if IsRequired is set on the UserDefinedField Data type is based on the DataType field: String (string with the length using ValidationStringLength on the UserDefinedField) Decimal (decimal) Integer (int) Currency (decimal) Date (date) DateTime (date) Boolean (bool)
DataType	Data type of the user defined field (string[50], see <a href="#">User Defined Field Data Types</a> )

## Batch Support

POST/PUT methods accept entity arrays of the same type to be submitted in the body of the request for processing. See [Response](#) for message output.

### Overview

URL	{Url}/{Resource}
Methods Supported	POST/PUT

### Examples

#### XML

```
<Resources>
  <Resource>
    <Element>{ElementValue}</Element>
    ...
  <Resource>
  <Resource>
    <Element>{ElementValue}</Element>
    ...
  <Resource>
</Resources>
```

## JSON

```
[
  {
    {PropertyName}:{PropertyValue},
    ...
  },
  {
    {PropertyName}:{PropertyValue},
    ...
  }
]
```

## Response

### Response Elements

Status	Status of the response (string[10], required, values of: Error, OK)
Messages	The messages for the response (list, see message elements, required)

### Message Elements

Type	Type of the message (string[10], required, values of: Error Warning, Information)
Code	Code of the message (int, see <a href="#">Error Codes</a> )
Field	The name of the field the message applies to (string)
Description	The description of the message (string, required)

Note: The <Response> element will be prefixed with the entity name when using PUT or POST with any entities. See [Response](#) for each entity PUT or POST for more information.

Example:

```
<Response>
  <Status>Error</Status>
  <Messages>
    <Message>
      <Type>Error</Type>
      <Code>3004</Code>
      <Field>BranchId</Field>
      <Description>Value is required for BranchId</Description>
    </Message>
  </Messages>
</Response>
```

Batch response example:

```
<Responses>
  <Response>...</Response>
  <Response>...</Response>
</Responses>
```

## Parameters

### View

The method view configured against the WebAPI Client for the method type. The method view determines which elements are returned.

Default value when returning a list of entities is "list".

Default value when returning an entity by Id is "single".

### Overview

URL Parameter	View={MethodName}
Methods Supported	GET

### Example

{url}/branches?View=AllBranches

## Filter

### Overview

URL Parameter	Filter={Bracket}{FieldName}{CompareType}{Value}{LogicType}{Bracket}
Methods Supported	GET
Description	Allows you to filter the results

## Compare Types

Compare	Symbol	Example
Equals	=	FirstName = "John"
Not Equals	!=	AccountId != "1964CC25-4EB1-49DA-BAE1-4FED60710BB5"
Greater Than	>	RewardedPoint > "100"
Greater Than or Equals	>=	RewardedPoint >= "100"
Less Than	<	DateOfBirth < "1980-01-01"
Less Than or Equals	<=	DateOfBirth <= "1980-01-01"
Like	%	FirstName % "A%"
Not Like	!%	LastName !% "%B%"
Is Null	= null	Notes = null
Not Null	!= null	Notes != null

### Escape Character

For the value that contains slash and/or double quote, these two words should be start with an escape slash in filter string. For example, suppose we want to search records whose value of Notes field contain "abc\def"ghk", then the filter string should be:

Notes % "abc\\def\"ghk"

Value should be wrapped by double quote except for NULL.

## Logic Types

Logic	Symbol	Example
And	and	FirstName = "Josh" and LastName = "White"
Or	or	FirstName = "Josh" or LastName="White"
Not	not	not FirstName = "Josh"

## Examples

Filter=Branch.IsHeadOffice="True"

Filter=PrimaryAccount.Branch.Name % "%Fitness%" and FirstName="Andy"

Filter=( FirstName = "Josh" and LastName % "F%" ) or ( DateOfBirth >= "1986-01-01" and LastName % "L%" )

Filter=not (( FirstName != "Josh" and LastName % "F%" ) or (DateOfBirth >= "1986-01-01" and LastName % "L%" ))

Filter= (( FirstName = "Jason") and LastName="White" )

## Order By

### Overview

URL Parameter	Order={FieldName} {OrderDirection},{FieldName} {OrderDirection}
Methods Supported	GET
Description	Allows you to order the results

### Order Directions

ASC	Default	
DESC		

## Examples

Order=LastName,FirstName

Order=DateOfBirth ASC

## Page

### Overview

URL Parameter	Page={PageNumber}
Methods Supported	GET
Description	Allows you to retrieve a specific page when results are over 100 records. If 100 records are returned then keep fetching the next page until no more results are returned.

## Examples

Page=2

## Codes/Types

### Account Statuses

Active	The account is active.
Deleted	The account has been deleted.
Ended	The time period for which the account is current has ended.
Hold	The account has been put on hold.
Pending	The account has been created but is not yet active.

### Account Template Invoice Types

Days	
Weeks	
Months	

### Account Template Statuses

Active	The account template is active.
Deleted	The account template has been deleted.
Ended	The time period for which the account template is valid has ended.
Pending	The account has been created but is not yet active.

### Account Term Types

Days	
Months	
Weeks	

### Account Types

Charge	
Class	
Concession Card	
Membership	

### Announcement Statuses

Active	The announcement is active.
Deleted	The announcement has been deleted.
Ended	The time period for which the announcement is active has ended.
Pending	The announcement has been created but is not yet active.

## Arrival Outcome

Allowed	Access was granted
Denied	Access was denied

## Billing Providers

DFC	DFC (UK)
DEBITSUCCESS	Debitsuccess (NZ, AU, US)
HARLANDS	Harlands Group (UK)
PAYSMART	PaySmart (NZ, AU)

## Branch Statuses

Closed	The branch is closed.
Deleted	The branch has been deleted.
Open	The branch is open.
Opening Soon	The branch is opening soon.
Shutdown	The branch has been shut down.

## Class Booking Ticket When

AtArrival	
AtBooking	
Never	

## Class Payment When

AtBooking	
AtArrival	

## Countries

Australia	
New Zealand	
United Kingdom	
United States	

## Genders

FEMALE	Female
MALE	Male

From Clubware 4.8, Female, Male and Other are system genders, and custom gender is allowed to be created. Those values will be returned in members' GET methods. In members' POST/PUT method, F or M values of gender will be converted to be Female or Male respectively if no custom F or M lookup values of Gender Exist.



## Invoice Instalment Frequencies

One Off	
Weekly	
Fortnightly	
Four Weekly	
Monthly	
BiMonthly	
Quarterly	

## Invoice Types

Club	
Billing	
Suspend	

## Marital Statuses

Lookup Category Name = MARITALSTATUS

DEFACTO	
DIVORCED	
MARRIED	
SINGLE	
WIDOWED	

## Member Statuses

Active	The member has an active account.
Casual	The member is casual with no active accounts.
Deleted	The member has been deleted.
Hold	The member has a current account that has been put on hold.
Inactive	The member doesn't have an active account.
Pending	The member has a pending account.
Prospect	The member is a prospect with no active accounts.

## Payment Methods

Lookup Category Name = PAYMETHOD

Cash	
Eftpos	
Credit Card	
Cheque	
Gift Voucher	
Barter Card	
Direct Debit	

Automatic Payment	
-------------------	--

### Promotion Statuses

Active	The promotion is active.
Deleted	The promotion has been deleted.
Ended	The time period for which the promotion is valid has ended.
Pending	The promotion has been created but is not yet active.
Approval Required	The promotion has been created but need to be approved.
Approval Rejected	The promotion has been created but has been rejected.

### Report Source Types

View	
Stored Procedure	

### Report Filter Field Operand

Equal to	
Not Equal to	
Less than	
Greater than	
Less than or equal	
Greater than or equal	
Is blank	
Is not blank	
Is one of	
Is not one of	
Begins with	
Ends with	
Contains	
Does not contain	

### Report Filter Date Field Token

Yesterday	
Today	
Tomorrow	
Last week	
This week	
Next week	
Last month	
This month	
Next month	

## Report Filter Branch Name Field Token

Current Branch	
My Branches	

## Report Output Types

RTF	Rich text format
PDF	Pdf
XLS	Excel
XLS_RAW	The raw data in Excel
TXT	Text
CSV	Comma separated values
XML_RAW	The raw data in XML e.g. <pre>&lt;results&gt;   &lt;result&gt;     &lt;column name&gt;value&lt;/column name&gt;     &lt;column name&gt;value&lt;/column name&gt;   &lt;/result&gt;   &lt;result&gt;     &lt;column name&gt;value&lt;/column name&gt;     &lt;column name&gt;value&lt;/column name&gt;   &lt;/result&gt; &lt;/results&gt;</pre>
JSON_RAW	The raw data in JSON e.g. <pre>[   {column name:value, column name:value}   {column name:value, column name:value} ]</pre>

## Report Return Types

Text	
Binary	

## Session Booking Paid Statuses

Unpaid	
Free	
Concession	
Paid	

## Staff Statuses

Active	The staff member is active.
Deleted	The staff member has been deleted
Ended	The period for which the staff member is valid has ended.

Pending	The staff member has been created in the system but is not yet active.
---------	--

## Titles

Lookup Category Name = TITLE

Miss	
Mrs	
Ms	
Mr	
Dr	

## User Defined Field Data Types

String	
Decimal	
Integer	
Currency	
Date	
DateTime	
Boolean	

## User Defined Field Entity Types

Account	A user defined field associated with an account entity.
AccountTemplate	A user defined field associated with an account template entity.
Activity	A user defined field associated with an activity entity.
Branch	A user defined field associated with a branch entity.
BranchGroup	A user defined field associated with a branch group entity.
Class	A user defined field associated with a class entity.
Corporate	A user defined field associated with a corporate entity.
Member	A user defined field associated with a member entity.
Product	A user defined field associated with a product entity.
Promotion	A user defined field associated with a promotion entity.
Resource	A user defined field associated with a resource entity.
StaffMember	A user defined field associated with a staff member entity.

## Logging

Logging can be switched on or off by editing the appSettings/Enable\_Logging configuration section in the web.config file.

Logging records are stored in the WebApiTokenUsage table, and the columns are as below:

Column	Description
WebApiTokenUsageID	Identifier
SourceType	Constant 0 as it is executed by webapi client.

Column	Description
SourceID	The identifier of the webapi client entity.
Method	Webapi method description
Url	The request whole URL with URL parameters
StartDate	The start time of the execution
EndDate	The end time of the execution
Origin	The client origin
Body	The body of POST or PUT request. If it is a GET request, then the value will be null.
StatusCode	The response status code
Exception	Then content of an inner exception. If no exception occurred, then the value will be null.

Some methods are not traced as below:

- Authorisation methods that are GetRefreshToken and GetAccessToken
- Photo methods for members and staff members
- Report result methods

## HTTP

### Headers

#### Content-Type

The content type defines what kind of data you are submitting, you need to set the content type parameter to either 'application/json' when sending data in JSON format, or 'application/xml' when sending data in XML format.

#### Accept

The accept header defines what kind of data you want to return. You need to set the accept parameter to either 'application/json' when requiring data in JSON format, or 'application/xml' when requiring data in XML format.

### Response Codes

A summary of HTTP Response Codes returned is shown below:

HTTP Code	Summary	Description
200	OK	Successful API call Batch creation and updates of entities will always result in a 200 and the response status for each response needs to be evaluated. Successful POST calls should return 201.
201	OK	Successful API call for POST.
400	Bad Request	A validation exception has occurred
401	Unauthorised	Invalid authorisation credentials
404	Not Found	The entity or resource you have specified cannot be found
500	Internal Error	An unhandled error, contact the Clubware API team if problems persist

## Error Codes

### General

Code	Description
0	None
401	Unauthorised
404	Not Found
405	Method Not Allowed
500	Internal Error

Once a response with code Bad Request or Method Not Allowed is returned, the reason that causes the issue can be found as below:

### Endpoint

Code	Description
1001	Failed to get refresh token
1002	Failed to get access token
1010	Update operation is not allowed in post method
1011	Unsupported method
1012	Operation is not allowed
1020	Invalid content
1021	Invalid body
1022	Invalid web api client method

### Filter

Code	Description
2000	Invalid filter string
2001	Invalid sort string
2002	Brackets not matched
2003	No statement before and e.g. " and LastName=null"
2004	No statement after and e.g. "FirstName=null and "
2005	No statement after not e.g. " FirstName=null and not "
2006	No statement before or e.g. " or LastName=null "
2007	No statement after or e.g. " FirstName=null or "
2008	Invalid symbol for comparing null e.g. "FirstName>null"
2009	Valid symbol not found = 2009 e.g. "FirstName null"
2010	Double quotes not matched
2011	Invalid data e.g. "DateOfBirth>1000"
2012	Invalid field name
2013	Extra characters found e.g. "Name >! "

## Validation

Code	Description
3000	Invalid value
3001	Invalid entity id
3002	Value is out of range e.g. date must between 1st January 1900 and 31 December 9999
3003	Length is too long
3004	Value is required
3005	Entity has already been deleted
3006	Length is too short
3007	Invalid period
3100	Member cannot be deleted because of an active, hold or casual account
3200	Duplicate account billing reference
3201	Friends and family not allowed for corporate
3300	Session booking failed
3301	Session booking failed because the session has ended
3302	Session booking failed because the session has been deleted
3303	Session booking failed because the session capacity has been reached
3304	Session booking failed because a session booking already exists
3305	Class does not allow waitlist
3310	Promotion code limit reached
3311	Promotion already used by member
3312	Promotion code period limit reached
3313	Promotion code pre-allocated to another member
3314	Promotion is not active
3315	Promotion used date outside of valid period
3316	Promotion code lock has expired
3317	Promotion code lock limit reached
3318	Promotion code usage has already been used by an account
3331	Member has already been in waitlist
3332	Session is not full so cannot put member into session waitlist
3333	Waitlist has reached the capacity
3334	PUT is only used for updating and please use POST to promote a member from session waitlist
3335	The waitlist has been promoted to be an attendee
3336	Currently manual promotion is not allowed
3401	Failed to create account
3402	Failed to update account status
3403	Failed to update payment

## Other

Code	Description
5000	Failed to run the report

## Entity Relationship Diagram

