



# V1 Project Accounting (*ProjectMinder*) API

Web Services Developer Guide v3.1



## Contents

Contents .....	2
Introduction .....	5
Business purpose .....	5
Standards compliance .....	5
Technical summary .....	5
Version history .....	7
Support .....	7
Getting started .....	8
Web services available .....	8
Logging in and making calls .....	8
Security .....	8
Data types .....	9
Error handling .....	9
Wildcard searching .....	9
Pagination .....	9
Writing data through the API .....	10
Web service calls .....	11
Call Syntax .....	11
Login Service .....	12
Client Service .....	13
Contact Service .....	15
Supplier Service .....	17
Purchase Order Service .....	19
Sales Invoice Service .....	21
Purchase Invoice Service .....	23
Expenses Service .....	25
Project Service .....	27
Timesheet Service .....	33
User Service .....	37
Admin Service .....	38
API objects .....	47
ArrayOfChargeRate .....	47
ArrayOfClient .....	47
ArrayOfContact .....	47
ArrayOfCostRate .....	47
ArrayOfCustomField .....	47
ArrayOfExpenseForecast .....	47
ArrayOfExpenseSheet .....	47
ArrayOfHolidayDay .....	48
ArrayOfHolidaySummary .....	48
ArrayOfProject .....	48
ArrayOfProjectContact .....	48
ArrayOfPurchaseOrderItemAllocation .....	48
ArrayOfPurchaseInvoice .....	48
ArrayOfPurchaseInvoiceitems .....	48
ArrayOfPurchaseOrder .....	49
ArrayOfPurchaseOrderItems .....	49
ArrayOfRateCardException .....	49
ArrayOfSalesInvoice .....	49
ArrayOfSalesInvoiceItem .....	49
ArrayOfSalesInvoiceItemForecast .....	49
ArrayOfSupplier .....	50
ArrayOfTask .....	50
ArrayOfTaskAssignment .....	50



ArrayOfTimeSheet .....	50
ArrayOfTimeSheetEntry .....	50
ArrayOfTimeSheetTime .....	50
ArrayOfUser .....	50
ChargeRate .....	51
Client .....	51
ClientAddResponse .....	51
ClientAddRequest .....	51
ClientModifyResponse .....	52
ClientModifyRequest .....	52
ClientRemoveResponse .....	53
ClientRemoveRequest .....	53
ClientStatus .....	53
Contact .....	53
ContactAddResponse .....	54
ContactAddRequest .....	54
ContactModifyResponse .....	54
ContactModifyRequest .....	54
ContactRemoveResponse .....	55
ContactRemoveRequest .....	55
ContactDetail .....	56
CoreWorkingMinutes .....	56
CostRate .....	57
Currency .....	57
CustomField .....	57
CustomFieldWrite .....	57
Department .....	57
DepartmentNumbers .....	58
ExpenseForecast .....	58
ExpenseSheet .....	59
ExpenseSheetItem .....	59
ExpenseType .....	61
HolidayDay .....	61
HolidaySummary .....	61
IndustrySector .....	62
JobRole .....	62
NonWorkingTime .....	62
PaymentTerm .....	62
PaymentType .....	62
Project .....	63
ProjectActivity .....	65
ProjectContact .....	65
ProjectRole .....	65
ProjectStatus .....	65
ProjectType .....	66
PublicHoliday .....	66
PurchaseInvoice .....	66
PurchaseInvoiceItem .....	67
PurchaseOrder .....	68
PurchaseOrderItem .....	69
PurchaseOrderItemAllocation .....	70
PurchaseOrderType .....	71
RateCard .....	71
RateCardException .....	71
Region .....	71
ResponseHeader .....	72
Result .....	72
RequestHeader .....	72



SalesInvoice.....	72
SalesInvoiceItem .....	73
SalesInvoiceItemForecast .....	75
SalesNominalCode .....	76
SecurityGroup.....	76
SecurityProfile.....	76
Supplier.....	76
SupplierAddResponse .....	77
SupplierAddRequest.....	77
SupplierModifyResponse.....	78
SupplierModifyRequest.....	78
SupplierRemoveResponse .....	78
SupplierRemoveRequest.....	78
Task .....	79
TaskAssignment .....	81
TaskProbability .....	81
TaskStatus.....	81
TaxRate .....	81
TimeRequest.....	82
TimeSheet.....	82
TimeSheetEntry .....	82
TimeSheetTime.....	83
TimeValue.....	83
User .....	84
UserDetail .....	84
ValidationMessage .....	85
WinProbability.....	85
WorkDetail .....	85
Standard error messages.....	86
Notes.....	86

# Introduction

## Business purpose

The V1 Project Accounting Application Programming Interface (API) allows programmatic access to your organisation's data using a simple, powerful and secure programming interface. You can integrate your V1 Project Accounting data with your own financial and other systems, populating them with real time critical business information.

Data is accessed through a predefined series of industry-standard, cross-platform web services calls meaning it can be used with a wide selection of programming tools and client software.

All the services provide read access to your data. The contact, client and supplier services additionally provide write access.

To use this document, you should have a basic familiarity with software development, xml web services, and the V1 Project Accounting user interface.

## Standards compliance

The API is implemented to comply with the following specifications:

- Simple Object Access Protocol (SOAP) 1.1  
<http://www.w3.org/TR/2000/NOTE-SOAP-20000508/>
- WS-I Basic Profile 1.1  
<http://www.ws-i.org/Profiles/BasicProfile-1.1-2004-08-24.html>
- Web Service Description Language (WSDL) 1.1  
<http://www.w3.org/TR/2001/NOTE-wsdl-20010315>
- REST's central principle: resources  
[http://en.wikipedia.org/wiki/Representational\\_State\\_Transfer](http://en.wikipedia.org/wiki/Representational_State_Transfer)

## Technical summary

All services are available in two versions, SOAP and plain XML to enable integration with the widest possible selection of development tools and client systems.

Most SOAP users will interact with the API using a SOAP toolkit tailored for their language and development environment. Different toolkits will expose the API in different ways. Please refer to your specific toolkit documentation to understand how to use it.

The XML services use HTTP to send and receive "plain old XML" (POX) messages – that is messages that consist solely of XML payloads without any enclosing SOAP envelope. POX messages can be sent and received by many types of clients, including those such as web browsers that do not have any native support for SOAP-based protocols. POX is a suitable choice for services that exchange data over HTTP and have no requirement to use the advanced protocol capabilities of SOAP. We have designed this service using the REST style of content addressing, see [http://en.wikipedia.org/wiki/Representational\\_State\\_Transfer](http://en.wikipedia.org/wiki/Representational_State_Transfer) for an introduction to REST.

The Http verbs are used in the following manner:

- GET – Retrieve data
- POST – Add data



- PUT – Update data
- DELETE – Delete data

The HTTP service will only accept requests over secure sockets i.e. calls will only be accepted using the https:// protocol.

## Version history

Version 3.0 was implemented on 1<sup>st</sup> October 2010 and introduced write access to Contacts, Clients and Suppliers.

Version 2.0 was implemented on 17<sup>th</sup> March 2008 and introduced a brand new set of objects and web service calls.

Version 1.0 offered a limited set of objects relating specifically to the AccountsLink feature and exporting of sales invoice data.

## Support

V1 Project Accounting does not provide technical telephone support to clients or third-party developers using the API. If you have a suggestion for how the API could be improved, please e-mail it to [V1 Project Accounting-changerequest@V1.co.uk](mailto:V1 Project Accounting-changerequest@V1.co.uk)

## Getting started

### Web services available

The following web services are provided in both SOAP and plain XML versions:

Service name	Service description
<a href="#">Login Service</a>	Allow caller to log in and retrieve a token for use in all other calls and to log out when the session is completed.
<a href="#">Client Service</a>	Provides read and write access to client data
<a href="#">Contact Service</a>	Provides read and write access to contact data
<a href="#">Supplier Service</a>	Provides read and write access to supplier data
<a href="#">PurchaseOrder Service</a>	Provides read access to purchase order data
<a href="#">SalesInvoice Service</a>	Provides read access to sales invoice data
<a href="#">PurchaseInvoice Service</a>	Provides read access to purchase invoice data
<a href="#">Expenses Service</a>	Provides read access to user expense sheet data
<a href="#">Project Service</a>	Provides read access to project data
<a href="#">Timesheet Service</a>	Provides read access to user timesheet sheet data
<a href="#">User Service</a>	Provides read access to user data
<a href="#">Admin Service</a>	Provides read access to admin data

### Logging in and making calls

Decide which service or services you will use in your application. If you choose the SOAP interface you will need to import the wsdl file(s) into your development. Refer to your toolkit's documentation for details of how to do this.

The first web service call must always be to the logon method, supplying the username and password of a member of a security group with the "API User" enabled. This method returns a token which must be used in all subsequent web services calls.

Further web service calls can then be made to Soap Methods in any of the web services listed above.

When the session is finished, the caller should call the logout method.

The session will time out after 30 minutes. If this happens the caller can simply repeat the call to the login method to generate a new token.

### Security

The username must be authorised to make web service calls through inclusion in an appropriate security group containing 'Super Administrator' permissions. If you are a third-party developer working on behalf of a V1 Project Accounting client, please contact your client to enable appropriate security permissions. Once logged in there is no restriction on the data that can be viewed.



## Data types

All data types used are industry-standard xml data types.

## Error handling

Some web services calls may fail, perhaps due to incorrect or inconsistent parameters or connection problems. If this happens standard SOAP and HTTP exceptions will be thrown and the service call will be terminated. See list of [standard error messages](#).

## Wildcard searching

Wildcard searching is available for both SOAP and HTTP calls to the following objects:

[Client Service](#)

[Contact Service](#)

[Supplier Service](#)

[User Service](#)

The method format for wildcard searching on names is as follows:

### SOAP

```
GetObjectByName(token, [%]string[%]);
```

```
GetClientByName("2783d60c-5ee6-41d3-afde-0e92cc2a0d85", "V1 Project Accounting%");
```

returns all clients with names like 'V1 Project Accounting'

```
GetUsersByName("2783d60c-5ee6-41d3-afde-0e92cc2a0d85", "John", "S%");
```

returns all users with firstname = John and surname starting S

### POX HTTP

Use '@' as the wild card instead of '%'

```
https://api.V1ProjectAccounting.com/pxUser.svc/User/name/John S@/t2783d60c-5ee6-41d3-afde-0e92cc2a0d85
```

returns all users with firstname = John and surname starting S

## Pagination

The sales forecast items methods of the Project service support pagination. Due to the amount of data that could be returned pagination is required.

For the SOAP methods a page and rowcount parameter is supplied, for REST requests the page and rowcount can be supplied as part of the query.

Default for page is 1 and rowcount is 1000. The maximum value for the rowcount is 1000.



Note: If the page and rowcount are not supplied then the first 1000 rows will be returned.

## Writing data through the API

Only the Contacts, Clients and Suppliers service provide write access.

Each of these services provides an “Add”, “Modify” and “Remove” method. Each method will respond with an appropriate response message. The response message may contain the modified object if successful or validation messages if unsuccessful.

If a modification or deletion to an API object is required, a call to the read API will be needed to obtain the object in its current state along with its ID and TimeStamp. The TimeStamp is required to enforce concurrency checking on the object.

**Any modification request will require all fields to be filled in, any omissions will result in those fields being cleared, with the exception of custom fields.**

If the object has associated custom fields, only custom fields provided by the caller will be actioned, the remaining custom fields will remain in their current state.

A property of a V1 Project Accounting entity may require a specific value from a code list. The code list may be an enumerated value in which case the valid enumerated values will be provided in the wsdl of the service. Where a value is not an enumeration but a dynamic code list then a call to an appropriate read service will be required to obtain valid values.

Some requests can result in warnings. Warnings can be overridden using the appropriate override on the request.

All requests will contain information on the individual instigating the request for audit purposes.

## Web service calls

### Call Syntax

#### SOAP

Each development tool uses its own syntax. Please refer to your own toolkit documentation for details. For Visual Basic 2005 a sample method definition is:

```
Public Function GetProjectByID(ByVal token As string, ByVal id As Int) As Project
```

#### POX HTTP

Read calls are made to different URIs in the web service using the HTTP GET method. Example syntax for the GetProjectByd http call is:

```
https://api.V1ProjectAccounting.com/pxProject.svc/project/id/id/token
```

The object required is in *green*, key in *blue*, parameters are in *orange*

Write calls are made to different URIs in the web service using the HTTP POST method to add an object, HTTP PUT to modify an object and HTTP DELETE to remove an object. For example to add a client:

Perform a HTTP POST on the following URI, with the ClientAddRequest data contained in the content of the HTTP request and set the content type to "*application/xml*"

```
https://api.V1ProjectAccounting.com/pxClient.svc/client
```

## Login Service

### Description

This service provides access to data from the client details stored on the system.

The SOAP service endpoint is <https://api.V1ProjectAccounting.com/spLogin.svc>

The WSDL link is <https://api.V1ProjectAccounting.com/spLogin.svc?wsdl>

The base URL for the POX HTTP service is <https://api.V1ProjectAccounting.com/pxLogin.svc>

### Soap Methods

Method name	Description of data returned
Login	Security token for subsequent methods
Logout	No return values

### Soap Parameters

Name	Type	Description
<i>token</i>	string	Token string returned by Login method.
<i>username</i>	string	Username of client requesting access to the API
<i>password</i>	string	Password of the client requesting access to the API

### Login

**SOAP** VB: Login(string *username*, string *password*) as string  
C#: string Login(string *username*, string *password*);

#### POX HTTP

<https://api.V1ProjectAccounting.com/pxLogin.svc/login/username/password>

### Logout

**SOAP** VB: Logout(string *token*)  
C#: void Logout(string *token*);

#### POX HTTP

<https://api.V1ProjectAccounting.com/pxLogin.svc/logout/token>

## Client Service

### Description

This service provides access to data from the client details stored on the system.

The SOAP service endpoint is <https://api.V1ProjectAccounting.com/spClient.svc>

The WSDL link is <https://api.V1ProjectAccounting.com/spClient.svc?wsdl>

The base URL for the POX HTTP service is <https://api.V1ProjectAccounting.com/pxClient.svc>

### Soap Methods

Method name	Description of data returned
GetClientByID	Single client
GetClientList	Client list
GetClientsByName	Client list by name
ClientAdd	Add reponse containing success/failure and updated client entity
ClientModify	Mod reponse containing success/failure and updated client entity
ClientRemove	Add reponse containing success/failure

### Soap Parameters

Name	Type	Description
<i>token</i>	string	Token string returned by Login method.
<i>id</i>	int	Unique client id.
<i>name</i>	string	Client name.
<i>clientAddRequest</i>	ClientAddRequest	Object describing the client information including security information
<i>clientModifyRequest</i>	ClientModifyRequest	Object describing the client information including security information
<i>clientRemoveRequest</i>	ClientRemoveRequest	Object describing the client information including security information

### GetClientByID

**SOAP**

```
VB: GetClientByID(string token, int id) as Client
C#: Client GetClientByID(string token, int id);
```

#### POX HTTP

<https://api.V1ProjectAccounting.com/pxClient.svc/client/id/id/token>

### GetClientList

**SOAP**

```
VB: GetClientList(string token) as ArrayOfClient
C#: List<Client > GetClientByID(string token, int id);
```



**POX HTTP** <https://api.V1ProjectAccounting.com/pxClient.svc/client/list/token>

### GetClientByName

**SOAP** VB: GetClientByName(string *token*, int *id*) as [ArrayOfClient](#)  
C#: List<[Client](#) > GetClientsByName(string *token*, string *name*);

**POX HTTP**  
<https://api.V1ProjectAccounting.com/pxClient.svc/client/name/name/token>

### ClientAdd

**SOAP** VB: ClientAdd([ClientAddRequest](#) request) as [ClientAddResponse](#)  
C#: [ClientAddResponse](#) ClientAdd([ClientAddRequest](#) request);

**POX HTTP** <https://api.V1ProjectAccounting.com/pxClient.svc/client>

### ClientModify

**SOAP** VB: ClientModify([ClientModifyRequest](#) request) as  
[ClientModifyResponse](#)  
C#: [ClientModifyResponse](#) ClientModify([ClientModifyRequest](#)  
request);

**POX HTTP** <https://api.V1ProjectAccounting.com/pxClient.svc/client>

### ClientRemove

**SOAP** VB: ClientRemove([ClientRemoveRequest](#) request) as  
[ClientRemoveResponse](#)  
C#: [ClientRemoveResponse](#) ClientRemove([ClientRemoveRequest](#)  
request);

**POX HTTP** <https://api.V1ProjectAccounting.com/pxClient.svc/client/>

## Contact Service

### Description

This service provides access to the contact data stored on the system.

The SOAP service endpoint is <https://api.V1ProjectAccounting.com/spContact.svc>

The WSDL link is <https://api.V1ProjectAccounting.com/spContact.svc?wsdl>

The base URL for the POX HTTP service is <https://api.V1ProjectAccounting.com/pxContact.svc>

### Soap Methods

Method name	Description of data returned
GetContactByID	Single Contact by id
GetContactList	List of Contacts
GetContactsByName	List of Contacts by name
ContactAdd	Add reponse containing success/failure and updated contact entity
ContactModify	Mod reponse containing success/failure and updated contact entity
ContactRemove	Add reponse containing success/failure

### Soap Parameters

Name	Type	Description
<i>token</i>	string	Token string returned by Login method.
<i>id</i>	int	Unique Contact id.
<i>firstname</i>	string	Contact's first name.
<i>lastname</i>	string	Contact's last name.
<i>contactAddRequest</i>	ContactAddRequest	Object describing the contact information including security information
<i>contactModifyRequest</i>	ContactModifyRequest	Object describing the contact information including security information
<i>contactRemoveRequest</i>	ContactRemoveRequest	Object describing the contact information including security information

### GetContactByID

**SOAP** VB: `GetContactByID(string token, int id) as Contact`  
 C#: `Contact GetContactByID(string token, int id);`

#### POX HTTP

<https://api.V1ProjectAccounting.com/pxContact.svc/Contact/id/id/token>

### GetContactList

**SOAP** VB: `GetContactList(string token) as ArrayOfContact`



```
C#: List<Contact> GetContactByID(string token, int id);
```

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxContact.svc/Contact/list/token>

**GetContactByName**

**SOAP** VB: GetContactByName(string token, int id) as ArrayOfContact  
 C#: List<Contact> GetContactsByName(string token, string  
 firstname, string lastname);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxContact.svc/Contact/name/firstname/lastname/token>

**ContactAdd**

**SOAP** VB: ContactAdd(ContactAddRequest request) as ContactAddResponse  
 C#: ContactAddResponse ContactAdd(ContactAddRequest request);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxContact.svc/contact>

**ContactModify**

**SOAP** VB: ContactModify(ContactModifyRequest request) as  
 ContactModifyResponse  
 C#: ContactModifyResponse ContactModify(ContactModifyRequest  
 request);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxContact.svc/contact>

**ContactRemove**

**SOAP** VB: ContactRemove(ContactRemoveRequest request) as  
 ContactRemoveResponse  
 C#: ContactRemoveResponse ContactRemove(ContactRemoveRequest  
 request);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxContact.svc/contact>



## Supplier Service

### Description

This service provides access to the supplier data stored on the system.

The SOAP service endpoint is <https://api.V1ProjectAccounting.com/spSupplier.svc>

The WSDL link is <https://api.V1ProjectAccounting.com/spSupplier.svc?wsdl>

The base URL for the POX HTTP service is <https://api.V1ProjectAccounting.com/pxSupplier.svc>

### Soap Methods

Method name	Description of data returned
GetSupplierByID	Single Supplier by id
GetSupplierList	List of Suppliers
GetSuppliersByName	List of Suppliers by name
SupplierAdd	Add reponse containing success/failure and updated supplier entity
SupplierModify	Mod reponse containing success/failure and updated supplier entity
SupplierRemove	Add reponse containing success/failure

### Soap Parameters

Name	Type	Description
<i>token</i>	string	Token string returned by Login method.
<i>id</i>	int	Unique Supplier id.
<i>supplierAddRequest</i>	SupplierAddRequest	Object describing the supplier information including security information
<i>supplierModifyRequest</i>	SupplierModifyRequest	Object describing the supplier information including security information
<i>supplierRemoveRequest</i>	SupplierRemoveRequest	Object describing the supplier information including security information

### GetSupplierByID

**SOAP** VB: `GetSupplierByID(string token, int id) as Supplier`  
 C#: `Supplier GetSupplierByID(string token, int id);`

#### POX HTTP

<https://api.V1ProjectAccounting.com/pxSupplier.svc/Supplier/id/id/token>

### GetSupplierList

**SOAP** VB: `GetSupplierList(string token) as ArrayOfSupplier`  
 C#: `List<Supplier> GetSupplierList (string token, int id);`

#### POX HTTP

<https://api.V1ProjectAccounting.com/pxSupplier.svc/Supplier/list/token>



**GetSupplierByName**

**SOAP** VB: GetSuppliersByName(string *token*, int *id*) as [ArrayOfSupplier](#)  
 C#: List<[Supplier](#)> GetSuppliersByName(string *token*, int *id*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxSupplier.svc/Supplier/name/name/token>

**SupplierAdd**

**SOAP** VB: SupplierAdd([SupplierAddRequest](#) request) as [SupplierAddResponse](#)  
 C#: [SupplierAddResponse](#) SupplierAdd([SupplierAddRequest](#) request);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxSupplier.svc/supplier>

**SupplierModify**

**SOAP** VB: SupplierModify([SupplierModifyRequest](#) request) as  
[SupplierModifyResponse](#)  
 C#: [SupplierModifyResponse](#) SupplierModify([SupplierModifyRequest](#)  
 request);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxSupplier.svc/supplier>

**SupplierRemove**

**SOAP** VB: SupplierRemove([SupplierRemoveRequest](#) request) as  
[SupplierRemoveResponse](#)  
 C#: [SupplierRemoveResponse](#) SupplierRemove([SupplierRemoveRequest](#)  
 request);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxSupplier.svc/supplier>

## Purchase Order Service

### Description

This service provides access to purchase order data. The caller can choose to return item detail too by calling the appropriate method.

The SOAP service endpoint is <https://api.V1ProjectAccounting.com/spPurchaseOrder.svc>

The WSDL link is <https://api.V1ProjectAccounting.com/spPurchaseOrder.svc?wsdl>

The base URL for the POX HTTP service is  
<https://api.V1ProjectAccounting.com/pxPurchaseOrder.svc>

### Soap Methods

Method name	Description of data returned
GetPurchaseOrderById	Single Purchase order by id
GetPurchaseOrdersBySupplier	List of Purchase orders by supplier
GetPurchaseOrdersByDate	List of Purchase orders by date range
GetPurchaseOrderWithItemsById	List of Purchase orders with items by id
GetPurchaseOrdersWithItemsBySupplier	List of Purchase orders with items by supplier
GetPurchaseOrdersWithItemsByDate	List of Purchase orders with items by date range
GetItemById	Single item by id

### Soap Parameters

Name	Type	Description
<i>token</i>	string	Token string returned by Login method.
<i>id</i>	int	Unique id.
<i>supplier</i>	int	Supplier id.
<i>date</i>	datetime	Datetime object

### GetPurchaseOrderById

**SOAP** VB: `GetPurchaseOrderById(string token, int id) as PurchaseOrder`  
C#: `PurchaseOrder GetPurchaseOrderById(string token, int id);`

#### POX HTTP

[https://api.V1ProjectAccounting.com/pxPurchaseOrder.svc/PurchaseOrder/id/id/to  
ken](https://api.V1ProjectAccounting.com/pxPurchaseOrder.svc/PurchaseOrder/id/id/token)

### GetPurchaseOrdersBySupplier

**SOAP** VB: `GetPurchaseOrdersBySupplier(string token, int id) as ArrayOfPurchaseOrder`  
C#: `List<PurchaseOrder> GetPurchaseOrdersBySupplier(string token, int id);`

**POX HTTP**

[https://api.V1ProjectAccounting.com/pxPurchaseOrder.svc/PurchaseOrder\[/approvalStatus\]/supplier/supplierid/token](https://api.V1ProjectAccounting.com/pxPurchaseOrder.svc/PurchaseOrder[/approvalStatus]/supplier/supplierid/token)

**GetPurchaseOrdersByDate****SOAP**

VB: `GetPurchaseOrdersByDate(string token, int id) as ArrayOfPurchaseOrder`  
 C#: `List<PurchaseOrder> GetPurchaseOrdersByDate(string token, int id);`

**POX HTTP**

[https://api.V1ProjectAccounting.com/pxPurchaseOrder.svc/PurchaseOrder\[/approvalStatus\]/Date/from\[/to\]/token](https://api.V1ProjectAccounting.com/pxPurchaseOrder.svc/PurchaseOrder[/approvalStatus]/Date/from[/to]/token)

**GetPurchaseOrderWithItemsByID****SOAP**

VB: `GetPurchaseOrderWithItemsByID(string token, int id) as PurchaseOrder`  
 C#: `PurchaseOrder GetPurchaseOrderWithItemsByID(string token, int id);`

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxPurchaseOrder.svc/PurchaseOrder/item/id/id/token>

**GetPurchaseOrdersWithItemsBySupplier****SOAP**

VB: `GetPurchaseOrdersWithItemsBySupplier(string token, int id) as ArrayOfPurchaseOrder`  
 C#: `List<PurchaseOrder> GetPurchaseOrdersWithItemsBySupplier(string token, int id);`

**POX HTTP**

[https://api.V1ProjectAccounting.com/pxPurchaseOrder.svc/PurchaseOrder/item\[/approvalStatus\]/supplier/supplierid/token](https://api.V1ProjectAccounting.com/pxPurchaseOrder.svc/PurchaseOrder/item[/approvalStatus]/supplier/supplierid/token)

**GetPurchaseOrdersWithItemsByDate****SOAP**

VB: `GetPurchaseOrdersWithItemsByDate(string token, DateTime from, DateTime to, ApprovalStatus approvalStatus) as ArrayOfPurchaseOrder`  
 C#: `List<PurchaseOrder> GetPurchaseOrdersWithItemsByDate(string token, DateTime from, DateTime to, ApprovalStatus approvalStatus);`

**POX HTTP**

[https://api.V1ProjectAccounting.com/pxPurchaseOrder.svc/PurchaseOrder/item\[/approvalStatus\]/Date/from\[/to\]/token](https://api.V1ProjectAccounting.com/pxPurchaseOrder.svc/PurchaseOrder/item[/approvalStatus]/Date/from[/to]/token)

**GetItemByID****SOAP**

VB: `GetItemByID(string token, int id) as PurchaseOrder`  
 C#: `PurchaseOrder GetItemByID (string token, int id);`

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxPurchaseOrder.svc/item/id/id/token>

## Sales Invoice Service

### Description

This service provides access to sales invoice data. The caller can choose to return item detail too by calling the appropriate method.

The SOAP service endpoint is <https://api.V1ProjectAccounting.com/spSalesInvoice.svc>

The WSDL link is <https://api.V1ProjectAccounting.com/spSalesInvoice.svc?wsdl>

The base URL for the POX HTTP service is  
<https://api.V1ProjectAccounting.com/pxSalesInvoice.svc>

### Soap Methods

Method name	Description of data returned
GetSalesInvoiceByID	Single Sales invoice by id
GetSalesInvoicesByClient	List of Sales invoices by client
GetSalesInvoicesByDate	List of Sales invoices by date range
GetSalesInvoiceWithItemsByID	List of Purchase orders with items by id
GetSalesInvoicesWithItemsByClient	List of Sales invoices with items by client
GetSalesInvoicesWithItemsByDate	List of Sales invoices with items by date range
GetItemByID	Single item by id

### Soap Parameters

Name	Type	Description
<i>token</i>	string	Token string returned by Login method.
<i>id, projectid</i>	int	Unique id.
<i>code</i>	string	Project code.
<i>date</i>	datetime	Datetime object

### GetSalesInvoiceByID

**SOAP** VB: `GetSalesInvoiceByID(string token, int id) as SalesInvoice`  
C#: `SalesInvoiceGetSalesInvoiceByID(string token, int id);`

#### POX HTTP

<https://api.V1ProjectAccounting.com/pxSalesInvoice.svc/SalesInvoice/id/id/token>

### GetSalesInvoicesByClient

**SOAP** VB: `GetSalesInvoicesByClient(string token, int id) as ArrayOfSalesInvoice`  
C#: `List<SalesInvoice> GetSalesInvoicesByClient(string token, int id);`

#### POX HTTP

[https://api.V1ProjectAccounting.com/pxSalesInvoice.svc/SalesInvoice\[/approvalStatus\]/Client/Clientid/token](https://api.V1ProjectAccounting.com/pxSalesInvoice.svc/SalesInvoice[/approvalStatus]/Client/Clientid/token)



**GetSalesInvoicesByDate**

**SOAP** VB: GetSalesInvoicesByDate(string *token*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*) as *ArrayOfSalesInvoice*  
 C#: List<SalesInvoice> GetSalesInvoicesByDate(string *token*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxSalesInvoice.svc/SalesInvoice[/approvalStatus]/Date/from[/to]/token

**GetSalesInvoiceWithItemsByID**

**SOAP** VB: GetSalesInvoiceWithItemsByID(string *token*, int *id*) as *SalesInvoice*  
 C#: SalesInvoice GetSalesInvoiceWithItemsByID(string *token*, int *id*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxSalesInvoice.svc/SalesInvoice/item/id/id/token

**GetSalesInvoicesWithItemsByClient**

**SOAP** VB: GetSalesInvoicesWithItemsByClient(string *token*, int *id*) as *ArrayOfSalesInvoice*  
 C#: List<SalesInvoice> GetSalesInvoicesWithItemsByClient(string *token*, int *id*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxSalesInvoice.svc/SalesInvoice/item[/approvalStatus]/Client/Clientid/token

**GetSalesInvoicesWithItemsByDate**

**SOAP** VB: GetSalesInvoicesWithItemsByDate(string *token*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*) as *ArrayOfSalesInvoice*  
 C#: List<SalesInvoice> GetSalesInvoicesWithItemsByDate(string *token*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxSalesInvoice.svc/SalesInvoice/item[/approvalStatus]/Date/from[/to]/token

**GetItemByID**

**SOAP** VB: GetItemByID(string *token*, int *id*) as *SalesInvoice*  
 C#: SalesInvoice GetItemByID (string *token*, int *id*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxSalesInvoice.svc/item/id/id/token

## Purchase Invoice Service

### Description

This service provides access to purchase invoice data. The caller can choose to return item detail too by calling the appropriate method.

The SOAP service endpoint is <https://api.V1ProjectAccounting.com/spPurchaseInvoice.svc>

The WSDL link is <https://api.V1ProjectAccounting.com/spPurchaseInvoice.svc?wsdl>

The base URL for the POX HTTP service is  
<https://api.V1ProjectAccounting.com/pxPurchaseInvoice.svc>

### Soap Methods

Method name	Description of data returned
GetPurchaseInvoiceByID	Single Purchase invoice by id
GetPurchaseInvoicesBySupplier	List of Purchase invoices by supplier
GetPurchaseInvoicesByDate	List of Purchase invoices by date range
GetPurchaseInvoiceWithItemsByID	List of Purchase orders with items by id
GetPurchaseInvoicesWithItemsBySupplier	List of Purchase invoices with items by supplier
GetPurchaseInvoicesWithItemsByDate	List of Purchase invoices with items by date range
GetItemByID	Single item by id

### Soap Parameters

Name	Type	Description
<i>token</i>	string	Token string returned by Login method.
<i>id, projectid</i>	int	Unique id.
<i>code</i>	string	Project code.
<i>date</i>	datetime	Datetime object

### GetPurchaseInvoiceByID

**SOAP** VB: `GetPurchaseInvoiceByID(string token, int id) as PurchaseInvoice`  
 C#: `PurchaseInvoice GetPurchaseInvoiceByID(string token, int id);`

### POX HTTP

<https://api.V1ProjectAccounting.com/pxPurchaseInvoice.svc/PurchaseInvoice/id/id/token>

### GetPurchaseInvoicesBySupplier

**SOAP** VB: `GetPurchaseInvoicesBySupplier(string token, int id) as ArrayOfPurchaseInvoice`  
 C#: `List<PurchaseInvoice> GetPurchaseInvoicesBySupplier(string token, int id);`

**POX HTTP**

[https://api.V1ProjectAccounting.com/pxPurchaseInvoice.svc/PurchaseInvoice\[/approvalStatus\]/supplier/supplierid/token](https://api.V1ProjectAccounting.com/pxPurchaseInvoice.svc/PurchaseInvoice[/approvalStatus]/supplier/supplierid/token)

**GetPurchaseInvoicesByDate****SOAP**

VB: GetPurchaseInvoicesByDate(string *token*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*) as *ArrayOfPurchaseInvoice*  
 C#: List<*PurchaseInvoice*> GetPurchaseInvoicesByDate(string *token*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*);

**POX HTTP**

[https://api.V1ProjectAccounting.com/pxPurchaseInvoice.svc/PurchaseInvoice\[/approvalStatus\]/Date/from\[/to\]/token](https://api.V1ProjectAccounting.com/pxPurchaseInvoice.svc/PurchaseInvoice[/approvalStatus]/Date/from[/to]/token)

**GetPurchaseInvoiceWithItemsByID****SOAP**

VB: GetPurchaseInvoiceWithItemsByID(string *token*, int *id*) as *PurchaseInvoice*  
 C#: *PurchaseInvoice* GetPurchaseInvoiceWithItemsByID(string *token*, int *id*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxPurchaseInvoice.svc/PurchaseInvoice/item/id/id/token>

**GetPurchaseInvoicesWithItemsBySupplier****SOAP**

VB: GetPurchaseInvoicesWithItemsBySupplier(string *token*, int *id*) as *ArrayOfPurchaseInvoice*  
 C#: List<*PurchaseInvoice*> GetPurchaseInvoicesWithItemsBySupplier(string *token*, int *id*);

**POX HTTP**

[https://api.V1ProjectAccounting.com/pxPurchaseInvoice.svc/PurchaseInvoice/item\[/approvalStatus\]/supplier/supplierid/token](https://api.V1ProjectAccounting.com/pxPurchaseInvoice.svc/PurchaseInvoice/item[/approvalStatus]/supplier/supplierid/token)

**GetPurchaseInvoicesWithItemsByDate****SOAP**

VB: GetPurchaseInvoicesWithItemsByDate(string *token*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*) as *ArrayOfPurchaseInvoice*  
 C#: List<*PurchaseInvoice*> GetPurchaseInvoicesWithItemsByDate(string *token*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*);

**POX HTTP**

[https://api.V1ProjectAccounting.com/pxPurchaseInvoice.svc/PurchaseInvoice/item\[/approvalStatus\]/Date/from\[/to\]/token](https://api.V1ProjectAccounting.com/pxPurchaseInvoice.svc/PurchaseInvoice/item[/approvalStatus]/Date/from[/to]/token)

**GetItemByID****SOAP**

VB: GetItemByID(string *token*, int *id*) as *PurchaseInvoice*  
 C#: *PurchaseInvoice* GetItemByID (string *token*, int *id*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxPurchaseInvoice.svc/item/id/id/token>



## Expenses Service

### Description

This service provides access to expense data. The caller can choose to return item detail too by calling the appropriate method.

The SOAP service endpoint is <https://api.V1ProjectAccounting.com/spExpenses.svc>

The WSDL link is <https://api.V1ProjectAccounting.com/spExpenses.svc?wsdl>

The base URL for the POX HTTP service is  
<https://api.V1ProjectAccounting.com/pxExpenses.svc>

### Soap Methods

Method name	Description of data returned
GetExpenseSheetByID	Single Expense sheet by id
GetExpenseSheetsByUser	List of Expense sheets by user
GetExpenseSheetsByDate	List of Expense sheets by date range
GetExpenseSheetWithItemsByID	List of Expense orders with items by id
GetExpenseSheetsWithItemsByUser	List of Expense sheets with items by user
GetExpenseSheetsWithItemsByDate	List of Expense sheets with items by date range
GetItemByID	Single item by id

### Soap Parameters

Name	Type	Description
<i>token</i>	string	Token string returned by Login method.
<i>id, projectid</i>	int	Unique id.
<i>code</i>	string	Project code.
<i>date</i>	datetime	Datetime object

### GetExpenseSheetByID

**SOAP** VB: `GetExpenseSheetByID(string token, int id) as ExpenseSheet`  
C#: `ExpenseSheet GetExpenseSheetByID(string token, int id);`

#### POX HTTP

<https://api.V1ProjectAccounting.com/pxExpenseSheet.svc/ExpenseSheet/id/id/token>

### GetExpenseSheetsBySupplier

**SOAP** VB: `GetExpenseSheetsBySupplier(string token, int id) as ArrayOfExpenseSheet`  
C#: `List<ExpenseSheet> GetExpenseSheetsBySupplier(string token, int id);`

#### POX HTTP

[https://api.V1ProjectAccounting.com/pxExpenseSheet.svc/ExpenseSheet\[/approvalStatus\]/supplier/supplierid/token](https://api.V1ProjectAccounting.com/pxExpenseSheet.svc/ExpenseSheet[/approvalStatus]/supplier/supplierid/token)



## GetExpenseSheetsByDate

**SOAP** VB: GetExpenseSheetsByDate(string *token*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*) as [ArrayOfExpenseSheet](#)  
 C#: List<[ExpenseSheet](#)> GetExpenseSheetsByDate(string *token*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*);

### POX HTTP

https://api.V1ProjectAccounting.com/pxExpenseSheet.svc/ExpenseSheet[/approvalStatus]/Date/from[/to]/token

## GetExpenseSheetWithItemsByID

**SOAP** VB: GetExpenseSheetWithItemsByID(string *token*, int *id*) as [ExpenseSheet](#)  
 C#: [ExpenseSheet](#) GetExpenseSheetWithItemsByID(string *token*, int *id*);

### POX HTTP

https://api.V1ProjectAccounting.com/pxExpenseSheet.svc/ExpenseSheet/item/id/id/token

## GetExpenseSheetsWithItemsBySupplier

**SOAP** VB: GetExpenseSheetsWithItemsBySupplier(string *token*, int *id*) as [ArrayOfExpenseSheet](#)  
 C#: List<[ExpenseSheet](#)> GetExpenseSheetsWithItemsBySupplier(string *token*, int *id*);

### POX HTTP

https://api.V1ProjectAccounting.com/pxExpenseSheet.svc/ExpenseSheet/item[/approvalStatus]/supplier/supplierid/token

## GetExpenseSheetsWithItemsByDate

**SOAP** VB: GetExpenseSheetsWithItemsByDate(string *token*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*) as [ArrayOfExpenseSheet](#)  
 C#: List<[ExpenseSheet](#)> GetExpenseSheetsWithItemsByDate(string *token*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*);

### POX HTTP

https://api.V1ProjectAccounting.com/pxExpenseSheet.svc/ExpenseSheet/item[/approvalStatus]/Date/from[/to]/token

## GetItemByID

**SOAP** VB: GetItemByID(string *token*, int *id*) as [ExpenseSheet](#)  
 C#: [ExpenseSheet](#) GetItemByID (string *token*, int *id*);

### POX HTTP

https://api.V1ProjectAccounting.com/pxExpenseSheet.svc/item/id/id/token

## Project Service

### Description

This service provides access to project data including details of project contacts and project team members. The caller can choose whether project contact and team details are populated in the returned project object by selecting the appropriate web service call.

The SOAP service endpoint is <https://api.V1ProjectAccounting.com/spProject.svc>

The WSDL link is <https://api.V1ProjectAccounting.com/spProject.svc?wsdl>

The base URL for the POX HTTP service is <https://api.V1ProjectAccounting.com/pxProject.svc>

### Soap Methods

Method name	Description of data returned
GetProjectByID	Single project with no ProjectContacts or ProjectTeam.
GetProjectList	Full list of all projects with no ProjectContacts or ProjectTeam.
GetProjectByCode	Single project with no ProjectContacts or ProjectTeam.
GetProjectWithContactsByID	Single project with ProjectContacts but not ProjectTeam.
GetProjectWithContactsList	Full list of all projects with ProjectContacts but not ProjectTeam.
GetProjectWithContactsByCode	Single project with ProjectContacts but not ProjectTeam.
GetProjectWithTeamByID	Single project with ProjectTeam but not ProjectContacts.
GetProjectWithTeamList	Full list of all projects with ProjectTeam but not ProjectContacts.
GetProjectWithTeamByCode	Single project with ProjectTeam but not ProjectContacts.
GetProjectWithContactsAndTeamByID	Single project with ProjectContacts and ProjectTeam (Fully populated).
GetProjectWithContactsAndTeamList	Full list of all projects with ProjectContacts and ProjectTeam (Fully populated).
GetProjectWithContactsAndTeamByCode	Single project with ProjectContacts and ProjectTeam (Fully populated).
GetContactsForProject	The array of ProjectContacts for a given project. Contact object with top level Contact (no Details).
GetTeamForProject	The array of ProjectTeam for a given project. Users without Detail.
GetExpenseForecastByID	Single ExpenseForecast with a known ID
GetExpenseForecastsForProject	Full list of all ExpenseForecasts for this Project
GetSalesInvoiceItemForecastByID	Single sales forecast item
GetSalesInvoiceItemForecastsForProject	The array of sales forecast items for a given project
GetSalesInvoiceItemForecastList	The array of all sales forecast items.

Method name	Description of data returned
GetTaskByID	Single Task with a known ID
GetTasksForProject	Full list of all Tasks for this Project
GetTaskWithResourceDetailsByID	Single Task with a known ID
GetTasksWithResourceDetailsForProject	Full list of all Tasks for this Project
GetResourceDetailsForTask	The array of TaskAssignments for a given task

### Soap Parameters

Name	Type	Description
<i>token</i>	string	Token string returned by Login method.
<i>id, projectid</i>	int	Unique id.
<i>code</i>	string	Project code.
<i>date</i>	datetime	Datetime object

### GetProjectByID

**SOAP** VB: `GetProjectByID(string token, int id) as Project`  
 C#: `Project GetProjectByID(string token, int id);`

#### POX HTTP

`https://api.V1ProjectAccounting.com/pxProject.svc/project/id/id/token`

### GetProjectList

**SOAP** `GetProjectList(string token) as ArrayOfProject`  
 C#: `List<Project> GetProjectList (string token)`

#### POX HTTP

`https://api.V1ProjectAccounting.com/pxProject.svc/project/list/token`

### GetProjectByCode

**SOAP** `GetProjectByCode(string token, string code) as Project`  
 C#: `Project GetProjectByCode(string token, string code)`

#### POX HTTP

`https://api.V1ProjectAccounting.com/pxProject.svc/project/code/code/token`

### GetProjectWithContactsByID

**SOAP** `GetProjectWithContactsByID(string token, int id) as Project`  
 C#: `Project GetProjectWithContactsByID (string token, int id)`

#### POX HTTP

`https://api.V1ProjectAccounting.com/pxProject.svc/project/contacts/id/id/token`

### GetProjectWithContactsList

**SOAP** `GetProjectWithContactsList(string token) as ArrayOfProject`  
 C#: `List<Project> GetProjectWithContactsList (string token)`



**POX HTTP**

<https://api.V1ProjectAccounting.com/pxProject.svc/project/contacts/list/token>

**GetProjectWithContactsByCode**

**SOAP**      `GetProjectWithContactsByCode(string token, string code) as Project`  
 C#: `Project GetProjectWithContactsByCode(string token, string code)`

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxProject.svc/project/contacts/code/code/token>

**GetProjectWithTeamByID**

**SOAP**      `GetProjectWithTeamByID(string token, int id) as Project`  
 C#: `Project GetProjectWithTeamByID (string token, int id)`

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxProject.svc/project/team/id/id/token>

**GetProjectWithTeamList**

**SOAP**      `GetProjectWithTeamList(string token) as ArrayOfProject`  
 C#: `List<Project> Get(string token)`

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxProject.svc/project/team/list/token>

**GetProjectWithTeamByCode**

**SOAP**      `GetProjectWithTeamByCode(string token, string code) as Project`  
 C#: `Project GetProjectWithTeamByCode(string token, string code)`

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxProject.svc/project/team/code/code/token>

**GetProjectWithContactsAndTeamByID**

**SOAP**      `GetProjectWithContactsAndTeamByID(string token, int id) as Project`  
 C#: `Project Get(string token, int id)`

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxProject.svc/project/contacts/team/list/token>

**GetProjectWithContactsAndTeamList**

**SOAP**      `GetProjectWithContactsAndTeamList(string token) as ArrayOfProject`  
 C#: `List<Project> GetProjectWithContactsAndTeamList(string token)`

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxProject.svc/project/contacts/team/code/code/token>

**GetProjectWithContactsAndTeamByCode**

**SOAP** GetProjectWithContactsAndTeamByCode(string *token*, string *code*) as **Project**  
 C#:Project Get(string *token*, string *code*)

**POX HTTP**

https://api.V1ProjectAccounting.com/pxProject.svc/contacts/project/projectId/token

**GetContactsForProject**

**SOAP** GetContactsForProject(string *token*, int *projectId*) as **ArrayOfProjectContact**  
 C#: List<ProjectContact> GetContactsForProject (string *token*, int *projectId*)

**POX HTTP**

https://api.V1ProjectAccounting.com/pxProject.svc/team/project/projectId/token

**GetTeamForProject**

**SOAP** GetTeamForProject(string *token*, int *projectId*) as **ArrayOfUser**  
 C#: List<User> GetTeamForProject(string *token*, int *projectId*)

**POX HTTP**

https://api.V1ProjectAccounting.com/pxProject.svc/team/project/projectId/token

**GetExpenseForecastByID**

**SOAP** GetExpenseForecastByID(string *token*, int *id*) as **ExpenseForecast**  
 C#:ExpenseForecast GetExpenseForecastByID (string *token*, int *id*)

**POX HTTP**

https://api.V1ProjectAccounting.com/pxProject.svc/expenseforecast/id/id/token

**GetExpenseForecastsForProject**

**SOAP** GetExpenseForecastsForProject(string *token*, int *projectId*) as **ArrayOfExpenseForecast**  
 C#:List<ExpenseForecast> GetExpenseForecastsForProject (string *token*, int *projectId*)

**POX HTTP**

https://api.V1ProjectAccounting.com/pxProject.svc/expenseforecast/project/projectId/token

**GetTaskByID**

**SOAP** GetTaskByID(string *token*, int *id*) as **Task**  
 C#:Task GetTaskByID(string *token*, int *id*)

**POX HTTP**

https://api.V1ProjectAccounting.com/pxProject.svc/task/id/id/token

**GetSalesInvoiceItemForecastByID**

**SOAP** GetSalesInvoiceItemForecastByID(string *token*, int *Id*) as **SalesInvoiceItemForecast**



```
C#: SalesInvoiceItemForecast
GetSalesInvoiceItemForecastById(string token, int Id)
```

**POX HTTP**

```
https://api.V1ProjectAccounting.com/pxProject.svc/salesinvoiceitemforecast/Id/Id/token
```

**GetSalesInvoiceItemForecastByProject**

```
SOAP GetSalesInvoiceItemForecastByProject(string token, int projected,
int page, int rowcount) as ArrayOfSalesInvoiceItemForecast
C#: List<SalesInvoiceItemForecast>
```

```
GetSalesInvoiceItemForecastByProject(string token, int projectId, int page,
int rowcount)
```

**POX HTTP**

```
https://api.V1ProjectAccounting.com/pxProject.svc/salesinvoiceitemforecast/Project/Id/token
```

```
https://api.V1ProjectAccounting.com/pxProject.svc/salesinvoiceitemforecast/Project/Id/token?page=page&rowcount=rowcount
```

**GetSalesInvoiceItemForecastList**

```
SOAP GetSalesInvoiceItemForecastList(string token, int page, int
rowcount) as ArrayOfSalesInvoiceItemForecast
C#: List<SalesInvoiceItemForecast>
```

```
GetSalesInvoiceItemForecastList(string token, int page, int rowcount)
```

**POX HTTP**

```
https://api.V1ProjectAccounting.com/pxProject.svc/salesinvoiceitemforecast/list/token
```

```
https://api.V1ProjectAccounting.com/pxProject.svc/salesinvoiceitemforecast/list/token?page=page&rowcount=rowcount
```

**GetTasksForProject**

```
SOAP GetTasksForProject(string token, int projectId) as ArrayOfTask
C#: List<Task> GetTasksForProject(string token, int projectId)
```

**POX HTTP**

```
https://api.V1ProjectAccounting.com/pxProject.svc/task/project/projectId/token
```

**GetTaskWithResourceDetailsByID**

```
SOAP GetTaskWithResourceDetailsByID(string token, int id) as Task
C#: Task GetTaskWithResourceDetailsByID(string token, int id)
```

**POX HTTP**

```
https://api.V1ProjectAccounting.com/pxProject.svc/task/resources/id/id/token
```

**GetTasksWithResourceDetailsForProject**

```
SOAP GetTasksWithResourceDetailsForProject(string token, int projectId)
as ArrayOfTask
```

```
C#: List<Task> GetTasksWithResourceDetailsForProject(string
token, int projectId)
```

**POX HTTP**

```
https://api.V1ProjectAccounting.com/pxProject.svc/task/resources/project/projectId/token
```



## GetResourceDetailsForTask

**SOAP**      GetResourceDetailsForTask(string *token*, int *taskId*) as  
ArrayOfTaskAssignment  
C#:List<TaskAssignment> GetResourceDetailsForTask(string *token*,  
int *taskId*)

**POX HTTP**  
<https://api.V1ProjectAccounting.com/pxProject.svc/resources/task/taskId/token>



## Timesheet Service

### Description

This service provides access to timesheet data. Time, cost and charge information is available by timesheet, timesheet line and individual timesheet entry. The caller can choose the level of detail returned by selecting the appropriate web service call.

The SOAP service endpoint is <https://api.V1ProjectAccounting.com/spTimesheet.svc>

The WSDL link is <https://api.V1ProjectAccounting.com/spTimesheet.svc?wsdl>

The base URL for the POX HTTP service is  
<https://api.V1ProjectAccounting.com/pxTimesheet.svc>

### Soap Methods

Method name	Description of data returned
GetTimeSheetByID	Single timesheet
GetTimeSheetsByUser	List of timesheets by user
GetTimeSheetsByStartDate	List of timesheets by start date
GetTimeSheetsByUserAndDate	List of timesheets by user and date
GetTimeSheetWithEntriesByID	Single timesheet with entries
GetTimeSheetsWithEntriesByUser	List of timesheets with entries by user
GetTimeSheetsWithEntriesByStartDate	List of timesheets with entries by start date
GetTimeSheetWithEntriesByUserAndDate	List of timesheets with entries by user and date
GetTimeSheetWithEntriesAndTimesByID	Single timesheet with entries, times
GetTimeSheetsWithEntriesAndTimesByUser	List of timesheets with entries, times by user
GetTimeSheetsWithEntriesAndTimesByStartDate	List of timesheets with entries, times by start date
GetTimeSheetWithEntriesAndTimesByUserAndDate	List of timesheet with entries, times by user and date
GetEntryByID	Single Timesheet entry data by entry id
GetEntryWithTimesByID	Single Timesheet entry data with times by entry id
GetTimeByID	Single Timesheet time by id
GetTimeRequestByID	Single Time request by id
GetTimeRequestList	List of time requests
GetTimeRequestsByUser	List of time requests by user

### Soap Parameters

Name	Type	Description
<i>token</i>	string	Token string returned by Login method.
<i>id</i>	int	Unique id.
<i>userId</i>	int	User id
<i>approvalStatus</i>	ApprovalStatus	Draft, Submitted, Approved, Rejected
<i>From</i>	DateTime	Datetime to search from
<i>To</i>	DateTime	Datetime to search to

Name	Type	Description
<i>startDate</i>	DateTime	Datetime object

### GetTimeSheetByID

**SOAP** VB: GetTimeSheetByID(string *token*, int *id*) as *TimeSheet*  
C#: *TimeSheet* GetTimeSheetByID(string *token*, int *id*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxTimeSheet.svc/TimeSheet/*id*/*id*/*token*

### GetTimeSheetsByUser

**SOAP** VB: GetTimeSheetsByUser(string *token*, int *userId*) as *ArrayOfTimeSheet*  
C#: List<*TimeSheet*> GetTimeSheetsByUser(string *token*, int *id*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxTimeSheet.svc/TimeSheet[/*approvalStatus*]/User/*userid*/*token*

### GetTimeSheetsByStartDate

**SOAP** VB: GetTimeSheetsByStartDate(string *token*, DateTime *startDate*, ApprovalStatus *approvalStatus*) as *ArrayOfTimeSheet*  
C#: List<*TimeSheet*> GetTimeSheetsByStartDate (string *token*, DateTime *startDate*, ApprovalStatus *approvalStatus*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxTimeSheet.svc/TimeSheet[/*approvalStatus*]/Date/*startDate*[/*to*]/*token*

### GetTimeSheetsByUserAndDate

**SOAP** VB: GetTimeSheetsByUserAndDate(string *token*, int *userid*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*) as *ArrayOfTimeSheet*  
C#: List<*TimeSheet*> GetTimeSheetsByUserAndDate(string *token*, int *userid*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxTimeSheet.svc/TimeSheet[/*approvalStatus*]/Date/*from*/*to*/*token*

### GetTimeSheetWithEntriesByID

**SOAP** VB: GetTimeSheetWithEntriesByID(string *token*, int *id*) as *TimeSheet*  
C#: *TimeSheet* GetTimeSheetWithEntriesByID(string *token*, int *id*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxTimeSheet.svc/TimeSheet/*entry*/*id*/*id*/*token*

### GetTimeSheetsWithEntriesByUser

**SOAP** VB: GetTimeSheetsWithEntriesByUser(string *token*, int *userId*) as *ArrayOfTimeSheet*

```
C#: List<TimeSheet> GetTimeSheetsWithEntriesByUser(string token,
int id);
```

**POX HTTP**

```
https://api.V1ProjectAccounting.com/pxTimeSheet.svc/TimeSheet/entry[/approvalStatus]/User/Userid/token
```

**GetTimeSheetsWithEntriesByStartDate**

**SOAP** VB: GetTimeSheetsWithEntriesByStartDate(string token, DateTime startDate, ApprovalStatus approvalStatus) as ArrayOfTimeSheet

```
C#: List<TimeSheet> GetTimeSheetsWithEntriesByStartDate(string token, DateTime startDate, ApprovalStatus approvalStatus);
```

**POX HTTP**

```
https://api.V1ProjectAccounting.com/pxTimeSheet.svc/TimeSheet/item[/approvalStatus]/Date/startDate[/to]/token
```

**GetTimeSheetsWithEntriesByUserAndDate**

**SOAP** VB: GetTimeSheetsWithEntriesByUserAndDate(string token, int userid, DateTime from, DateTime to, ApprovalStatus approvalStatus) as ArrayOfTimeSheet

```
C#: List<TimeSheet> GetTimeSheetsWithEntriesByUserAndDate(string token, int userid, DateTime from, DateTime to, ApprovalStatus approvalStatus);
```

**POX HTTP**

```
https://api.V1ProjectAccounting.com/pxTimeSheet.svc/TimeSheet/entry[/approvalStatus]/Date/from/to/token
```

**GetTimeSheetWithEntriesAndTimesByID**

**SOAP** VB: GetTimeSheetWithEntriesAndTimesByID(string token, int id) as TimeSheet

```
C#: TimeSheet GetTimeSheetWithEntriesAndTimesByID(string token,
int id);
```

**POX HTTP**

```
https://api.V1ProjectAccounting.com/pxTimeSheet.svc/TimeSheet/entry/time/id/id/token
```

**GetTimeSheetsWithEntriesAndTimesByUser**

**SOAP** VB: GetTimeSheetsWithEntriesAndTimesByUser(string token, int userId) as ArrayOfTimeSheet

```
C#: List<TimeSheet> GetTimeSheetsWithEntriesAndTimesByUser(string token, int id);
```

**POX HTTP**

```
https://api.V1ProjectAccounting.com/pxTimeSheet.svc/TimeSheet/entry/time[/approvalStatus]/User/Userid/token
```

**GetTimeSheetsWithEntriesAndTimesByStartDate**

**SOAP** VB: GetTimeSheetsWithEntriesAndTimesByStartDate(string token, DateTime startDate, ApprovalStatus approvalStatus) as ArrayOfTimeSheet

```
C#: List<TimeSheet>
GetTimeSheetsWithEntriesAndTimesByStartDate(string token, DateTime startDate,
ApprovalStatus approvalStatus);
```

**POX HTTP**

[https://api.V1ProjectAccounting.com/pxTimeSheet.svc/TimeSheet/entry/time\[/approvalStatus\]/Date/startDate\[/to\]/token](https://api.V1ProjectAccounting.com/pxTimeSheet.svc/TimeSheet/entry/time[/approvalStatus]/Date/startDate[/to]/token)

**GetTimeSheetsWithEntriesAndTimesByUserAndDate****SOAP**

VB: GetTimeSheetsWithEntriesAndTimesByUserAndDate(string *token*, int *userid*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*) as ArrayOfTimeSheet

C#: List<TimeSheet> GetTimeSheetsWithEntriesAndTimesByUserAndDate (string *token*, int *userid*, DateTime *from*, DateTime *to*, ApprovalStatus *approvalStatus*);

**POX HTTP**

[https://api.V1ProjectAccounting.com/pxTimeSheet.svc/TimeSheet/entry/time\[/approvalStatus\]/Date/from/to/token](https://api.V1ProjectAccounting.com/pxTimeSheet.svc/TimeSheet/entry/time[/approvalStatus]/Date/from/to/token)

**GetEntryByID****SOAP**

VB: GetEntryByID(string *token*, int *id*) as TimeSheetEntry

C#: TimeSheetEntry GetEntryByID (string *token*, int *id*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxTimeSheet.svc/entry/id/id/token>

**GetEntryWithTimesByID****SOAP**

VB: GetEntryWithTimesByID(string *token*, int *id*) as TimeSheetEntry

C#: TimeSheetEntry GetEntryWithTimesByID (string *token*, int *id*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxTimeSheet.svc/entry/time/id/id/token>

**GetTimeByID****SOAP**

VB: GetEntryByID(string *token*, int *id*) as TimeSheetTime

C#: TimeSheetTime GetEntryByID (string *token*, int *id*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxTimeSheet.svc/time/id/id/token>

## User Service

### Description

This service provides access to the user data stored on the Admin area of the system. The caller can choose the level of detail returned by selecting the appropriate web service call.

The SOAP service endpoint is <https://api.V1ProjectAccounting.com/spUser.svc>

The WSDL link is <https://api.V1ProjectAccounting.com/spUser.svc?wsdl>

The base URL for the POX HTTP service is <https://api.V1ProjectAccounting.com/pxUser.svc>

### Soap Methods

Method name	Description of data returned
GetUserByID	Single user by id
GetUserList	List of users
GetUsersByName	List of users by name

### Soap Parameters

Name	Type	Description
<i>token</i>	string	Token string returned by Login method.
<i>id</i>	int	Unique user id.
<i>firstname</i>	string	User's first name.
<i>lastname</i>	string	User's last name.

### GetUserByID

**SOAP** VB: GetUserByID(string *token*, int *id*) as User  
C#: User GetUserByID(string *token*, int *id*);

**POX HTTP** <https://api.V1ProjectAccounting.com/pxUser.svc/User/id/id/token>

### GetUserList

**SOAP** VB: GetUserList(string *token*) as ArrayOfUser  
C#: List<User> GetUserList(string *token*, int *id*);

**POX HTTP** <https://api.V1ProjectAccounting.com/pxUser.svc/User/list/token>

### GetUserByName

**SOAP** VB: GetUserByName(string *token*, string *firstname*, string *lastname*) as ArrayOfUser  
C#: List<User> GetUserByName(string *token*, int *id*);

**POX HTTP** <https://api.V1ProjectAccounting.com/pxUser.svc/User/name/firstname<space>lastname/token>



## Admin Service

### Description

This service provides access to the user data stored on the Admin area of the system. The caller can choose the level of detail returned by selecting the appropriate web service call.

The SOAP service endpoint is <https://api.V1ProjectAccounting.com/spAdmin.svc>

The WSDL link is <https://api.V1ProjectAccounting.com/spAdmin.svc?wsdl>

The base URL for the POX HTTP service is <https://api.V1ProjectAccounting.com/pxAdmin.svc>

### Soap Methods

Method name	Description of data returned
GetClientStatusByID	Client status by id
GetClientStatusList	List of client status
GetCompanyCoreWorkingMinutes	List of company core working minutes
GetCurrencyByID	Currency by id
GetCurrencyList	Currency list
GetDepartmentNumberByID	Department number by id
GetDepartmentNumberList	Department number list
GetDepartmentByID	Department by id
GetDepartmentList	Department list
GetExpenseTypeByID	Expense type by id
GetExpenseTypeList	Expense list
GetExpenseTypesByType	Expense type by type
GetIndustrySectorByID	Industry sector by id
GetIndustrySectorList	Industry sector list
GetJobRoleByID	Job role by id
GetJobRoleList	Job role list
GetNonWorkingTime	Non working time
GetNonWorkingTimeByDate	Non working time by date
GetPaymentTermByID	Payment term by id
GetPaymentTermList	Payment term list
GetPaymentTypeByID	Payment type by id
GetPaymentTypeList	Payment type list
GetProjectActivityByID	Project activity by id
GetProjectActivityList	Project activity list
GetProjectRoleByID	Project role by id
GetProjectRoleList	Project role list
GetProjectStatusByID	Project status by id
GetProjectStatusList	Project status list
GetProjectTypeByID	Project type by id
GetProjectTypeList	Project type list
GetPurchaseOrderTypeByID	Purchase order type by id
GetPurchaseOrderTypeList	Purchase order type list

Method name	Description of data returned
GetRateCardByID	Rate card by id
GetRateCardList	Rate card list
GetSalesNominalCodeByID	Sales nominal code by id
GetSalesNominalCodeList	Sales nominal code list
GetSecurityGroupByID	Security group by id
GetSecurityGroupList	Security group list
GetSecurityProfileByID	Security profile by id
GetSecurityProfileList	Security profile list
GetTaskProbabilityByID	Task probability by id
GetTaskProbabilityList	Task probability list
GetTaskStatusByID	Task status by id
GetTaskStatusList	Task status list
GetTaxRateByID	Tax rate by id
GetTaxRateList	Tax rate list
GetWinProbabilityList	Win probability list
GetWorkDetailByID	Work detail by id
GetWorkDetailList	Work detail list

### Soap Parameters

Name	Type	Description
<i>token</i>	string	Token string returned by Login method.
<i>id</i>	int	Unique id.

### GetGetClientStatusByID

**SOAP** VB: `GetGetClientStatusByID(string token, int id) as ClientStatus`  
 C#: `ClientStatus GetGetClientStatusByID(string token, int id);`

#### POX HTTP

<https://api.V1ProjectAccounting.com/pxAdmin.svc/ClientStatus/id/id/token>

### GetGetClientStatusList

**SOAP** VB: `GetGetClientStatusList(string token) as ClientStatus`  
 C#: `List<ClientStatus> GetGetClientStatusList(string token);`

#### POX HTTP

<https://api.V1ProjectAccounting.com/pxAdmin.svc/list/token>

### GetCurrencyByID

**SOAP** VB: `GetCurrencyByID(string token, int id) as Currency`  
 C#: `Currency GetCurrencyByID(string token, int id);`

#### POX HTTP

<https://api.V1ProjectAccounting.com/pxCurrency.svc/Currency/id/id/token>



**GetCurrencyList**

**SOAP** VB: GetCurrencyList(string *token*) as *Currency*  
 C#: List<*Currency*> GetCurrencyList(string *token*);

**POX HTTP** https://api.V1ProjectAccounting.com/ pxAdmin.svc/list/token

**GetDepartmentNumberByID**

**SOAP** VB: GetDepartmentNumberByID(string *token*, int *id*) as *DepartmentNumber*  
 C#: *DepartmentNumber* GetDepartmentNumberByID(string *token*, int *id*);

**POX HTTP** https://api.V1ProjectAccounting.com/pxDepartmentNumber.svc/*DepartmentNumber*/*id*/*id*/*token*

**GetDepartmentNumberList**

**SOAP** VB: GetDepartmentNumberList(string *token*) as *DepartmentNumber*  
 C#: List<*DepartmentNumber*> GetDepartmentNumberList(string *token*);

**POX HTTP** https://api.V1ProjectAccounting.com/ pxAdmin.svc/list/token

**GetCompanyCoreWorkingMinutes**

**SOAP** VB: GetCompanyCoreWorkingMinutes(string *token*) as *CompanyCoreWorkingMinutes*  
 C#: List<*CompanyCoreWorkingMinutes*>  
 GetCompanyCoreWorkingMinutes(string *token*);

**POX HTTP** https://api.V1ProjectAccounting.com/  
 pxAdmin.svc/*CompanyCoreWorkingMinutes*/list/*token*

**GetExpenseTypeByID**

**SOAP** VB: GetExpenseTypeByID(string *token*, int *id*) as *ExpenseType*  
 C#: *ExpenseType* GetExpenseTypeByID(string *token*, int *id*);

**POX HTTP** https://api.V1ProjectAccounting.com/  
 pxAdmin.svc/*ExpenseType*/*id*/*id*/*token*

**GetExpenseTypeList**

**SOAP** VB: GetExpenseTypeList(string *token*) as *ExpenseType*  
 C#: List<*ExpenseType*> GetExpenseTypeList(string *token*);

**POX HTTP** https://api.V1ProjectAccounting.com/pxExpenseType.svc/*ExpenseType*/list/*token*

**GetExpenseTypesByType**

**SOAP** VB: GetExpenseTypesByType(string *token*) as *ExpenseType*  
 C#: *ExpenseType* GetExpenseTypesByType (string *token*);



**POX HTTP**

<https://api.V1ProjectAccounting.com/pxAdmin.svc/ExpenseType/type/type/token>

**GetIndustrySectorByID**

**SOAP** VB: GetIndustrySectorByID(string *token*, int *id*) as *IndustrySector*  
C#: *IndustrySector* GetIndustrySectorByID(string *token*, int *id*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxAdmin.svc/IndustrySector/id/id/token>

**GetIndustrySectorList**

**SOAP** VB: GetIndustrySectorList(string *token*) as *IndustrySector*  
C#: List<*IndustrySector*> GetIndustrySectorList(string *token*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxAdmin.svc/IndustrySector/list/token>

**GetJobRoleByID**

**SOAP** VB: GetJobRoleByID(string *token*, int *id*) as *JobRole*  
C#: *JobRole* GetJobRoleByID(string *token*, int *id*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxAdmin.svc/JobRole/id/id/token>

**GetJobRoleList**

**SOAP** VB: GetJobRoleList(string *token*) as *JobRole*  
C#: List<*JobRole*> GetJobRoleList(string *token*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxAdmin.svc/JobRole/list/token>

**GetNonWorkingTimeByID**

**SOAP** VB: GetNonWorkingTimeByID(string *token*, int *id*) as *NonWorkingTime*  
C#: *NonWorkingTime* GetNonWorkingTimeByID(string *token*, int *id*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxAdmin.svc/NonWorkingTime/id/id/token>

**GetNonWorkingTimeList**

**SOAP** VB: GetNonWorkingTimeList(string *token*) as *NonWorkingTime*  
C#: List<*NonWorkingTime*> GetNonWorkingTimeList(string *token*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxAdmin.svc/NonWorkingTime/list/token>

**GetPaymentTermByID**

**SOAP** VB: GetPaymentTermByID(string *token*, int *id*) as *PaymentTerm*  
C#: *PaymentTerm* GetPaymentTermByID(string *token*, int *id*);



**POX HTTP**

https://api.V1ProjectAccounting.com/pxAdmin.svc/PaymentTerm/id/id/token

**GetPaymentTermList****SOAP**

VB: GetPaymentTermList(string *token*) as *PaymentTerm*  
 C#: List<*PaymentTerm*> GetPaymentTermList(string *token*);

**POX HTTP**

https://api.V1ProjectAccounting.com/  
 pxAdmin.svc/PaymentTerm/list/token

**GetPaymentTypeByID****SOAP**

VB: GetPaymentTypeByID(string *token*, int *id*) as *PaymentType*  
 C#: *PaymentType* GetPaymentTypeByID(string *token*, int *id*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxAdmin.svc/PaymentType/id/id/token

**GetPaymentTypeList****SOAP**

VB: GetPaymentTypeList(string *token*) as *PaymentType*  
 C#: List<*PaymentType*> GetPaymentTypeList(string *token*);

**POX HTTP**

https://api.V1ProjectAccounting.com/  
 pxAdmin.svc/PaymentType/list/token

**GetProjectActivityByID****SOAP**

VB: GetProjectActivityByID(string *token*, int *id*) as *ProjectActivity*  
 C#: *ProjectActivity* GetProjectActivityByID(string *token*, int *id*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxAdmin.svc/ProjectActivity/id/id/token

**GetProjectActivityList****SOAP**

VB: GetProjectActivityList(string *token*) as *ProjectActivity*  
 C#: List<*ProjectActivity*> GetProjectActivityList(string *token*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxAdmin.svc/ProjectActivity/list/token

**GetProjectRoleByID****SOAP**

VB: GetProjectRoleByID(string *token*, int *id*) as *ProjectRole*  
 C#: *ProjectRole* GetProjectRoleByID(string *token*, int *id*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxAdmin.svc/ProjectRole/id/id/token

**GetProjectRoleList**

**SOAP** VB: GetProjectRoleList(string *token*) as ProjectRole  
C#: List<ProjectRole> GetProjectRoleList(string *token*);

**POX HTTP** https://api.V1ProjectAccounting.com/  
pxAdmin.svc/ProjectRole/list/token

### GetProjectStatusByID

**SOAP** VB: GetProjectStatusByID(string *token*, int *id*) as ProjectStatus  
C#: ProjectStatus GetProjectStatusByID(string *token*, int *id*);

**POX HTTP** https://api.V1ProjectAccounting.com/pxAdmin.svc/ProjectStatus/id/id/token

### GetProjectStatusList

**SOAP** VB: GetProjectStatusList(string *token*) as ProjectStatus  
C#: List<ProjectStatus> GetProjectStatusList(string *token*);

**POX HTTP** https://api.V1ProjectAccounting.com/pxAdmin.svc/ProjectStatus/list/token

### GetProjectTypeByID

**SOAP** VB: GetProjectTypeByID(string *token*, int *id*) as ProjectType  
C#: ProjectType GetProjectTypeByID(string *token*, int *id*);

**POX HTTP** https://api.V1ProjectAccounting.com/pxAdmin.svc/ProjectType/id/id/token

### GetProjectTypeList

**SOAP** VB: GetProjectTypeList(string *token*) as ProjectType  
C#: List<ProjectType> GetProjectTypeList(string *token*);

**POX HTTP** https://api.V1ProjectAccounting.com/  
pxAdmin.svc/ProjectType/list/token

### GetPurchaseOrderTypeByID

**SOAP** VB: GetPurchaseOrderTypeByID(string *token*, int *id*) as  
PurchaseOrderType  
C#: PurchaseOrderType GetPurchaseOrderTypeByID(string *token*, int  
*id*);

**POX HTTP** https://api.V1ProjectAccounting.com/pxAdmin.svc/PurchaseOrderType/id/id/token

### GetPurchaseOrderTypeList

**SOAP** VB: GetPurchaseOrderTypeList(string *token*) as PurchaseOrderType  
C#: List<PurchaseOrderType> GetPurchaseOrderTypeList(string  
*token*);

**POX HTTP** https://api.V1ProjectAccounting.com/pxAdmin.svc/PurchaseOrderType/list/token



**GetRateCardByID**

**SOAP** VB: GetRateCardByID(string *token*, int *id*) as *RateCard*  
 C#: *RateCard* GetRateCardByID(string *token*, int *id*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxAdmin.svc/RateCard/id/id/token

**GetRateCardList**

**SOAP** VB: GetRateCardList(string *token*) as *RateCard*  
 C#: List<*RateCard*> GetRateCardList(string *token*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxAdmin.svc/RateCard/list/token

**GetSalesNominalCodeByID**

**SOAP** VB: GetSalesNominalCodeByID(string *token*, int *id*) as *SalesNominalCode*  
 C#: *SalesNominalCode* GetSalesNominalCodeByID(string *token*, int *id*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxAdmin.svc/SalesNominalCode/id/id/token

**GetSalesNominalCodeList**

**SOAP** VB: GetSalesNominalCodeList(string *token*) as *SalesNominalCode*  
 C#: List<*SalesNominalCode*> GetSalesNominalCodeList(string *token*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxAdmin.svc/SalesNominalCode/list/token

**GetSecurityGroupByID**

**SOAP** VB: GetSecurityGroupByID(string *token*, int *id*) as *SecurityGroup*  
 C#: *SecurityGroup* GetSecurityGroupByID(string *token*, int *id*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxAdmin.svc/SecurityGroup/id/id/token

**GetSecurityGroupList**

**SOAP** VB: GetSecurityGroupList(string *token*) as *SecurityGroup*  
 C#: List<*SecurityGroup*> GetSecurityGroupList(string *token*);

**POX HTTP**

https://api.V1ProjectAccounting.com/pxAdmin.svc/SecurityGroup/list/token

**GetSecurityProfileByID**

**SOAP** VB: GetSecurityProfileByID(string *token*, int *id*) as *SecurityProfile*  
 C#: *SecurityProfile* GetSecurityProfileByID(string *token*, int *id*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxAdmin.svc/SecurityProfile/id/id/token>

**GetSecurityProfileList**

**SOAP** VB: GetSecurityProfileList(string *token*) as SecurityProfile  
C#: List<SecurityProfile> GetSecurityProfileList(string *token*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxAdmin.svc/SecurityProfile/list/token>

**GetTaskProbabilityByID**

**SOAP** VB: GetTaskProbabilityByID(string *token*, int *id*) as TaskProbability  
C#: TaskProbability GetTaskProbabilityByID(string *token*, int *id*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxAdmin.svc/TaskProbability/id/id/token>

**GetTaskProbabilityList**

**SOAP** VB: GetTaskProbabilityList(string *token*) as TaskProbability  
C#: List<TaskProbability> GetTaskProbabilityList(string *token*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxAdmin.svc/TaskProbability/list/token>

**GetTaskStatusByID**

**SOAP** VB: GetTaskStatusByID(string *token*, int *id*) as TaskStatus  
C#: TaskStatus GetTaskStatusByID(string *token*, int *id*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxAdmin.svc/TaskStatus/id/id/token>

**GetTaskStatusList**

**SOAP** VB: GetTaskStatusList(string *token*) as TaskStatus  
C#: List<TaskStatus> GetTaskStatusList(string *token*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxAdmin.svc/TaskStatus/list/token>

**GetTaxRateByID**

**SOAP** VB: GetTaxRateByID(string *token*, int *id*) as TaxRate  
C#: TaxRate GetTaxRateByID(string *token*, int *id*);

**POX HTTP**

<https://api.V1ProjectAccounting.com/pxAdmin.svc/TaxRate/id/id/token>

**GetTaxRateList**

**SOAP** VB: GetTaxRateList(string *token*) as TaxRate  
 C#: List<TaxRate> GetTaxRateList(string *token*);

**POX HTTP** https://api.V1ProjectAccounting.com/  
 pxAdmin.svc/TaxRate/list/*token*

### GetWinProbabilityList

**SOAP** VB: GetWinProbabilityList(string *token*) as WinProbability  
 C#: List<WinProbability> GetWinProbabilityList(string *token*);

**POX HTTP** https://api.V1ProjectAccounting.com/pxAdmin.svc/WinProbability/list/*token*

### GetWorkDetailByID

**SOAP** VB: GetWorkDetailByID(string *token*, int *id*) as WorkDetail  
 C#: WorkDetail GetWorkDetailByID(string *token*, int *id*);

**POX HTTP** https://api.V1ProjectAccounting.com/pxAdmin.svc/WorkDetail/*id*/*id*/*token*

### GetWorkDetailList

**SOAP** VB: GetWorkDetailList(string *token*) as WorkDetail  
 C#: List<WorkDetail> GetWorkDetailList(string *token*);

**POX HTTP** https://api.V1ProjectAccounting.com/  
 pxAdmin.svc/WorkDetail/list/*token*

## API objects

### ArrayOfChargeRate

Property	Type	User interface page
ChargeRate	<a href="#">ChargeRate</a>	Admin > Users > User profile

### ArrayOfClient

Property	Type	User interface page
Client	<a href="#">Client</a>	Contacts > Clients

### ArrayOfContact

Property	Type	User interface page
Contact	<a href="#">Contact</a>	Contacts

### ArrayOfCostRate

Property	Type	User interface page
CostRate	<a href="#">CostRate</a>	Admin > Users > User profile

### ArrayOfCustomField

Property	Type	User interface page
CustomField	<a href="#">CustomField</a>	Admin > Company Settings > Custom fields

### ArrayOfExpenseForecast

Property	Type	User interface page
ExpenseForecast	<a href="#">ExpenseForecast</a>	Projects > Expense Forecast

### ArrayOfExpenseSheet

Property	Type	User interface page
ExpenseSheet	<a href="#">ExpenseSheet</a>	Expenses > Current Expenses

**ArrayOfHolidayDay**

Property	Type	User interface page
HolidayDay	<a href="#">HolidayDay</a>	Timesheet > Holiday Requests My Work > My Approvals > Holiday Request

**ArrayOfHolidaySummary**

Property	Type	User interface page
HolidaySummary	<a href="#">HolidaySummary</a>	Admin > Users > User profile

**ArrayOfProject**

Property	Type	User interface page
Project	<a href="#">Project</a>	Projects

**ArrayOfProjectContact**

Property	Type	User interface page
ProjectContact	<a href="#">ProjectContact</a>	Projects > Summary

**ArrayOfPurchaseOrderItemAllocation**

Property	Type	User interface page
PurchaseOrderItemAllocation	<a href="#">PurchaseOrderItemAllocation</a>	Expenses > PO Entry > PO Items Expenses > PO History > PO Items

**ArrayOfPurchaseInvoice**

Property	Type	User interface page
PurchaseInvoice	<a href="#">PurchaseInvoice</a>	Expenses > Purchase Invoice Entry

**ArrayOfPurchaseInvoiceItems**

Property	Type	User interface page
PurchaseInvoiceItems	<a href="#">PurchaseInvoiceItems</a>	Expenses > Purchase Invoice Entry



**ArrayOfPurchaseOrder**

Property	Type	User interface page
PurchaseOrder	<a href="#">PurchaseOrder</a>	Expenses > Purchase Order Entry

**ArrayOfPurchaseOrderItems**

Property	Type	User interface page
PurchaseOrderItems	<a href="#">PurchaseOrderItems</a>	Expenses > Purchase Order Entry Expenses > Purchase Order History

**ArrayOfRateCardException**

Property	Type	User interface page
RateCardException	<a href="#">RateCardException</a>	Admin > Invoicing > Rate Cards

**ArrayOfSalesInvoice**

Property	Type	User interface page
SalesInvoice	<a href="#">SalesInvoice</a>	Invoices > Invoices History Projects > Invoice History

**ArrayOfSalesInvoiceItem**

Property	Type	User interface page
SalesInvoiceItem	<a href="#">SalesInvoiceItem</a>	Invoices > Invoice Items Invoices > Invoice History Projects > Invoice Items Projects > Invoice History

**ArrayOfSalesInvoiceItemForecast**

Property	Type	User interface page
SalesInvoiceItemForecast	<a href="#">SalesInvoiceItemForecast</a>	Invoices > Invoice Items Projects > Invoice Items

**ArrayOfSupplier**

Property	Type	User interface page
Supplier	<a href="#">Supplier</a>	Contacts > Suppliers

**ArrayOfTask**

Property	Type	User interface page
Task	<a href="#">Task</a>	Projects > Work Structure

**ArrayOfTaskAssignment**

Property	Type	User interface page
TaskAssignment	<a href="#">TaskAssignment</a>	Projects > Work Structure

**ArrayOfTimeSheet**

Property	Type	User interface page
TimeSheet	<a href="#">TimeSheet</a>	Timesheet > Timesheet History My Work > My Approvals

**ArrayOfTimeSheetEntry**

Property	Type	User interface page
TimeSheetEntry	<a href="#">TimeSheetEntry</a>	Timesheet > Timesheet History My Work > My Approvals

**ArrayOfTimeSheetTime**

Property	Type	User interface page
TimeSheetTime	<a href="#">TimeSheetTime</a>	Timesheet > Timesheet History My Work > My Approvals

**ArrayOfUser**

Property	Type	User interface page
User	<a href="#">User</a>	Admin > Users

## ChargeRate

Property	Type	User interface page
HourlyRate	xs:double	Admin > Users > User profile
StartDate	xs:dateTime	Admin > Users > User profile

## Client

Property	Type	User interface page
AccountsReference	xs:string	Contacts > Clients > Details
Address1	xs:string	Contacts > Clients > Details
Address2	xs:string	Contacts > Clients > Details
BillingContact	<a href="#">Contact</a>	Contacts > Clients > Details
ClientName	xs:string	Contacts > Clients
ClientOwner	<a href="#">User</a>	Contacts > Clients
ClientStatus	<a href="#">ClientStatus</a>	Contacts > Clients
Country	xs:string	Contacts > Clients > Details
County	xs:string	Contacts > Clients > Details
CurrentInvoiceNo	xs:string	Contacts > Clients > Details
CustomFields	<a href="#">ArrayOfCustomField</a>	Contacts > Clients
Email	xs:string	Contacts > Clients > Details
Fax	xs:string	Contacts > Clients > Details
ID	xs:int	n/a
IndustrySector	<a href="#">IndustrySector</a>	Contacts > Clients > Details
InvoicePrefix	xs:string	Contacts > Clients > Details
Notes	xs:string	Contacts > Clients
Phone	xs:string	Contacts > Clients > Details
Postcode	xs:string	Contacts > Clients > Details
Town	xs:string	Contacts > Clients > Details
Website	xs:string	Contacts > Clients > Details

## ClientAddResponse

Property	Type	User interface page
Client	<a href="#">Client</a>	Contacts > Clients
ResponseHeader	<a href="#">ResponseHeader</a>	
Result	<a href="#">Result</a>	

## ClientAddRequest

Property	Type	User interface page
AccountsReference	xs:string	Contacts > Clients > Details

Property	Type	User interface page
Address1	xs:string	Contacts > Clients > Details
Address2	xs:string	Contacts > Clients > Details
BillingContactId	xs:int	Contacts > Clients > Details
Country	xs:string	Contacts > Clients > Details
County	xs:string	Contacts > Clients > Details
CurrentInvoiceNumber	xs:string	Contacts > Clients > Details
CustomFields	<a href="#">ArrayOfCustomFieldWrite</a>	Contacts > Clients
Email	xs:string	Contacts > Clients > Details
Fax	xs:string	Contacts > Clients > Details
Header	<a href="#">RequestHeader</a>	
IndustrySectorId	xs:int	Contacts > Clients > Details
InvoicePrefix	xs:string	Contacts > Clients > Details
Name	xs:string	Contacts > Clients
Notes	xs:string	Contacts > Clients
OwnerId	xs:int	Contacts > Clients
Phone	xs:string	Contacts > Clients > Details
Postcode	xs:string	Contacts > Clients > Details
StatusId	xs:int	Contacts > Clients
Town	xs:string	Contacts > Clients > Details
Website	xs:string	Contacts > Clients > Details

## ClientModifyResponse

Property	Type	User interface page
Client	<a href="#">Client</a>	Contacts > Clients
ResponseHeader	<a href="#">ResponseHeader</a>	
Result	<a href="#">Result</a>	

## ClientModifyRequest

Property	Type	User interface page
AccountsReference	xs:string	Contacts > Clients > Details
Address1	xs:string	Contacts > Clients > Details
Address2	xs:string	Contacts > Clients > Details
BillingContactId	xs:int	Contacts > Clients > Details
Country	xs:string	Contacts > Clients > Details
County	xs:string	Contacts > Clients > Details
CurrentInvoiceNumber	xs:string	Contacts > Clients > Details
CustomFields	<a href="#">ArrayOfCustomFieldWrite</a>	Contacts > Clients
Email	xs:string	Contacts > Clients > Details
Fax	xs:string	Contacts > Clients > Details

Property	Type	User interface page
Header	<a href="#">RequestHeader</a>	
Id	xs:int	
IndustrySectorId	xs:int	Contacts > Clients > Details
InvoicePrefix	xs:string	Contacts > Clients > Details
Name	xs:string	Contacts > Clients
Notes	xs:string	Contacts > Clients
OwnerId	xs:int	Contacts > Clients
Phone	xs:string	Contacts > Clients > Details
Postcode	xs:string	Contacts > Clients > Details
StatusId	xs:int	Contacts > Clients
TimeStamp	xs:byte[]	
Town	xs:string	Contacts > Clients > Details
Website	xs:string	Contacts > Clients > Details

### ClientRemoveResponse

Property	Type	User interface page
ResponseHeader	<a href="#">ResponseHeader</a>	
Result	<a href="#">Result</a>	

### ClientRemoveRequest

Property	Type	User interface page
Header	<a href="#">RequestHeader</a>	
Id	xs:int	
TimeStamp	xs:byte[]	

### ClientStatus

Property	Type	User interface page
ID	xs:int	n/a
Name	xs:string	Admin > Company Settings > Client Statuses

### Contact

Property	Type	User interface page
Details	<a href="#">ContactDetail</a>	Contacts > Contacts > Contact details
FirstName	xs:string	Contacts > Contacts > Contact details
ID	xs:int	n/a
LastName	xs:string	Contacts > Contacts > Contact details

## ContactAddResponse

Property	Type	User interface page
Contact	<a href="#">Contact</a>	Contacts > Contact
ResponseHeader	<a href="#">ResponseHeader</a>	
Result	<a href="#">Result</a>	

## ContactAddRequest

Property	Type	User interface page
AllowDuplicateNames	xs:boolean	Allow duplicate names
Address1	xs:string	Contacts > Contacts > Details
Address2	xs:string	Contacts > Contacts > Details
ClientId	xs:int	Associated company, only Client Id OR Supplier Id to be provided
Country	xs:string	Contacts > Contacts > Details
County	xs:string	Contacts > Contacts > Details
CustomFields	<a href="#">ArrayOfCustomFieldWrite</a>	Contacts > Contacts
Email	xs:string	Contacts > Contacts > Details
Fax	xs:string	Contacts > Contacts > Details
FirstName	xs:string	Contacts > Contacts > Details
JobRole	xs:string	Contacts > Contacts > Details
LastName	xs:string	Contacts > Contacts > Details
Mobile	xs:string	Contacts > Contacts
Notes	xs:string	Contacts > Contacts
SupplierId	xs:int	Associated company, only Client Id OR Supplier Id to be provided
Phone	xs:string	Contacts > Contacts > Details
Postcode	xs:string	Contacts > Contacts > Details
Town	xs:string	Contacts > Contacts > Details

## ContactModifyResponse

Property	Type	User interface page
Contact	<a href="#">Contact</a>	Contacts > Contacts
ResponseHeader	<a href="#">ResponseHeader</a>	
Result	<a href="#">Result</a>	

## ContactModifyRequest

Property	Type	User interface page
AllowDuplicateNames	xs:boolean	Allow duplicate names

Property	Type	User interface page
<b>Address1</b>	xs:string	Contacts > Contacts > Details
<b>Address2</b>	xs:string	Contacts > Contacts > Details
<b>ClientId</b> Associated company, only Client Id OR Supplier Id to be provided	xs:int	
<b>Country</b>	xs:string	Contacts > Contacts > Details
<b>County</b>	xs:string	Contacts > Contacts > Details
<b>CustomFields</b>	<a href="#">ArrayOfCustomFieldWrite</a>	Contacts > Contacts
<b>Email</b>	xs:string	Contacts > Contacts > Details
<b>Fax</b>	xs:string	Contacts > Contacts > Details
<b>FirstName</b>	xs:string	Contacts > Contacts > Details
<b>Id</b>	xs:int	
<b>JobRole</b>	xs:string	Contacts > Contacts > Details
<b>LastName</b>	xs:string	Contacts > Contacts > Details
<b>Mobile</b>	xs:string	Contacts > Contacts
<b>Notes</b>	xs:string	Contacts > Contacts
<b>SupplierId</b> Associated company, only Client Id OR Supplier Id to be provided	xs:int	
<b>Phone</b>	xs:string	Contacts > Contacts > Details
<b>Postcode</b>	xs:string	Contacts > Contacts > Details
<b>TimeStamp</b>	xs:byte[]	
<b>Town</b>	xs:string	Contacts > Contacts > Details

### ContactRemoveResponse

Property	Type	User interface page
<b>ResponseHeader</b>	<a href="#">ResponseHeader</a>	
<b>Result</b>	<a href="#">Result</a>	

### ContactRemoveRequest

Property	Type	User interface page
<b>Header</b>	<a href="#">RequestHeader</a>	
<b>Id</b>	xs:int	
<b>TimeStamp</b>	xs:byte[]	

## ContactDetail

Property	Type	User interface page
<b>Address1</b>	xs:string	Contacts > Contacts > Contact details
<b>Address2</b>	xs:string	Contacts > Contacts > Contact details
<b>ClientID</b> Present if contact is linked to a client.	xs:int	n/a
<b>ClientName</b> Present if contact is linked to a client.	xs:string	Contacts > Contacts > Contact details
<b>Country</b>	xs:string	Contacts > Contacts > Contact details
<b>County</b>	xs:string	Contacts > Contacts > Contact details
<b>CustomFields</b>	<a href="#">ArrayOfCustomField</a>	Contacts > Contacts > Contact details
<b>Email</b>	xs:string	Contacts > Contacts > Contact details
<b>Fax</b>	xs:string	Contacts > Contacts > Contact details
<b>JobTitle</b>	xs:string	Contacts > Contacts > Contact details
<b>Mobile</b>	xs:string	Contacts > Contacts > Contact details
<b>Notes</b>	xs:string	Contacts > Contacts > Contact details
<b>Phone</b>	xs:string	Contacts > Contacts > Contact details
<b>Postcode</b>	xs:string	Contacts > Contacts > Contact details
<b>SupplierID</b> Present if contact is linked to a supplier.	xs:int	n/a
<b>SupplierName</b> Present if contact is linked to a supplier.	xs:string	Contacts > Contacts > Contact details
<b>Title</b>	xs:string	Contacts > Contacts > Contact details
<b>Town</b>	xs:string	Contacts > Contacts > Contact details

## CoreWorkingMinutes

Property	Type	User interface page
<b>EffectiveDate</b>	xs:dateTime	Admin > Users > User profile
<b>FridayMinutes</b>	xs:int	Admin > Users > User profile
<b>MondayMinutes</b>	xs:int	Admin > Users > User profile
<b>SaturdayMinutes</b>	xs:int	Admin > Users > User profile
<b>SundayMinutes</b>	xs:int	Admin > Users > User profile
<b>ThursdayMinutes</b>	xs:int	Admin > Users > User profile
<b>TuesdayMinutes</b>	xs:int	Admin > Users > User profile
<b>WednesdayMinutes</b>	xs:int	Admin > Users > User profile



## CostRate

Property	Type	User interface page
HourlyRate	xs:double	Admin > Users > User profile
OverheadHourlyRate	xs:double	Admin > Users > User profile
SalaryHourlyRate	xs:double	Admin > Users > User profile
StartDate	xs:dateTime	Admin > Users > User profile

## Currency

Property	Type	User interface page
ID	xs:int	n/a
Name	xs:string	Admin > Company Settings > Currencies
Symbol	xs:string	Admin > Company Settings > Currencies

## CustomField

Property	Type	User interface page
Name	xs:string	Admin > Company Settings > Custom fields
Value	xs:string	Admin > Company Settings > Custom fields

## CustomFieldWrite

Property	Type	User interface page
Name	xs:string	Admin > Company Settings > Custom fields
Value	xs:string	Admin > Company Settings > Custom fields

## Department

Property	Type	User interface page
Address1	xs:string	Admin > Company Settings > Departments
Address2	xs:string	Admin > Company Settings > Departments
Country	xs:string	Admin > Company Settings > Departments
County	xs:string	Admin > Company Settings > Departments
Email	xs:string	Admin > Company Settings > Departments
Fax	xs:string	Admin > Company Settings > Departments
ID	xs:int	n/a
Mobile	xs:string	Admin > Company Settings > Departments
Name	xs:string	Admin > Company Settings > Departments
ParentID	xs:int	n/a

Property	Type	User interface page
<b>ParentName</b>	xs:string	Admin > Company Settings > Departments
<b>Phone</b>	xs:string	Admin > Company Settings > Departments
<b>Postcode</b>	xs:string	Admin > Company Settings > Departments
<b>Town</b>	xs:string	Admin > Company Settings > Departments

## DepartmentNumbers

Property	Type	User interface page
<b>Code</b>	xs:string	Admin > AccountsLink > Department Nos
<b>Default</b>	xs:boolean	Admin > AccountsLink > Department Nos
<b>Description</b>	xs:string	Admin > AccountsLink > Department Nos
<b>ID</b>	xs:int	n/a

## ExpenseForecast

Property	Type	User interface page
<b>DueDate</b>	xs:dateTime	Projects > Expense Forecast
<b>DueDate</b>	xs:boolean	Projects > Expense Forecast
<b>ExpenseTypeID</b>	xs:int	n/a
<b>ExpenseTypeName</b>	xs:string	Projects > Expense Forecast
<b>ID</b>	xs:int	n/a
<b>MilestoneID</b>	xs:int	n/a
<b>MilestoneName</b>	xs:string	Projects > Expense Forecast
<b>Name</b>	xs:string	Projects > Expense Forecast
<b>Notes</b>	xs:string	Projects > Expense Forecast
<b>ProjectCode</b>	xs:string	Projects > Expense Forecast
<b>ProjectID</b>	xs:int	
<b>ProjectName</b>	xs:string	Projects > Expense Forecast
<b>PurchaseOrderID</b> present if this was generated from a purchase order	xs:int	n/a
<b>PurchaseOrderItemAllocationID</b> present if this was generated from a purchase order	xs:int	n/a
<b>PurchaseOrderItemID</b> present if this was generated from a purchase order	xs:int	n/a
<b>Quantity</b>	xs:double	Projects > Expense Forecast
<b>Repeat</b>	xs:boolean	Projects > Expense Forecast
<b>RepeatEnd</b>	xs:dateTime	Projects > Expense Forecast
<b>RepeatEvery</b>	xs:unsignedByte	Projects > Expense Forecast
<b>RepeatFrequency</b> None, Daily, Weekly, Monthly, Quarterly, Annually	xs:string	Projects > Expense Forecast

Property	Type	User interface page
<b>RepeatOccurrences</b>	xs:unsignedByte	Projects > Expense Forecast
<b>SupplierID</b>	xs:int	n/a
<b>SupplierName</b>	xs:string	Projects > Expense Forecast
<b>TaskID</b>	xs:int	n/a
<b>TaskName</b>	xs:string	Projects > Expense Forecast
<b>TaxRate</b>	xs:double	Projects > Expense Forecast
<b>TaxRateID</b>	xs:int	n/a
<b>TotalItemGross</b>	xs:decimal	Projects > Expense Forecast
<b>TotalItemNet</b>	xs:decimal	Projects > Expense Forecast
<b>TotalItemTax</b>	xs:decimal	Projects > Expense Forecast
<b>UnitMeasure</b>	xs:string	Projects > Expense Forecast
<b>UnitNet</b>	xs:double	Projects > Expense Forecast

## ExpenseSheet

Property	Type	User interface page
<b>ApprovalNotes</b>	xs:string	Expenses > Expenses History My Work > My Approvals
<b>ApprovalStatus</b> Draft, Submitted, Approved, Rejected	xs:string	Expenses > Expenses History My Work > My Approvals
<b>ApprovedDate</b>	xs:dateTime	My Work > My Approvals
<b>ID</b>	xs:int	n/a
<b>SubmittedDate</b>	xs:dateTime	My Work > My Approvals
<b>TotalGross</b>	xs:decimal	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>TotalNet</b>	xs:decimal	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>TotalTax</b>	xs:decimal	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>User</b>	User	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals

## ExpenseSheetItem

Property	Type	User interface page
<b>AccountsLinkDepartmentCode</b>	xs:string	AccountsLink > Department Nos
<b>AccountsLinkDepartmentID</b>	xs:int	n/a
<b>Currency</b>	Currency	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals

Property	Type	User interface page
<b>ExchangeRate</b>	xs:decimal	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>ExpenseTypeID</b>	xs:int	
<b>ExpenseTypeName</b>	xs:string	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>ExportedDate</b>	xs:dateTime	n/a
<b>ForeignUnitGross</b>	xs:double	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>ID</b>	xs:int	n/a
<b>IncurredDate</b>	xs:dateTime	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>NeverExport</b>	xs:boolean	n/a
<b>Notes</b>	xs:string	Expenses > Expenses History My Work > My Approvals
<b>PaymentTypeID</b>	xs:int	n/a
<b>PaymentTypeName</b>	xs:string	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>ProjectCode</b>	xs:string	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>ProjectID</b>	xs:int	n/a
<b>ProjectName</b>	xs:string	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>Quantity</b>	xs:decimal	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>Reimbursable</b>	xs:boolean	Admin > Company Settings > Payment Types
<b>TaskID</b>	xs:int	n/a
<b>TaskName</b>	xs:string	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>TaxRate</b>	xs:float	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>TaxRateID</b>	xs:int	n/a
<b>TotalGross</b>	xs:decimal	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>TotalNet</b>	xs:decimal	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>TotalTax</b>	xs:decimal	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals
<b>UnitGross</b>	xs:decimal	Expenses > Current Expenses Expenses > Expenses History My Work > My Approvals

## ExpenseType

Property	Type	User interface page
<b>DefaultCostPerUnit</b>	xs:double	Admin > Company Settings > Expense Types
<b>ExpenseTypeName</b>	xs:string	Admin > Company Settings > Expense Types
<b>ID</b>	xs:int	n/a
<b>NominalCode</b>	xs:string	Admin > Company Settings > Expense Types
<b>TaxRate</b>	xs:decimal	Admin > Company Settings > Expense Types
<b>TaxRateID</b>	xs:int	n/a
<b>Type</b> Expense, PI, Both	xs:string	Admin > Company Settings > Expense Types
<b>UnitMeasure</b>	xs:string	Admin > Company Settings > Expense Types

## HolidayDay

Property	Type	User interface page
<b>Date</b>	xs:datetime	Timesheet > Holiday Requests My Work > My Approvals > Holiday Request
<b>HalfDay</b>	xs:boolean	Timesheet > Holiday Requests My Work > My Approvals > Holiday Request
<b>Hours</b>	xs:float	Timesheet > Holiday Requests My Work > My Approvals > Holiday Request

## HolidaySummary

Property	Type	User interface page
<b>ApprovedDays</b>	<a href="#">ArrayOfHolidayDays</a>	Timesheet > Holiday Requests My Work > My Approvals > Holiday Request
<b>ApprovedPaid</b>	xs:float	Timesheet > Holiday Requests My Work > My Approvals > Holiday Request
<b>ApprovedPaidHours</b>	xs:float	Timesheet > Holiday Requests My Work > My Approvals > Holiday Request
<b>ApprovedUnPaid</b>	xs:float	Timesheet > Holiday Requests My Work > My Approvals > Holiday Request
<b>ApprovedUnPaidHours</b>	xs:float	Timesheet > Holiday Requests My Work > My Approvals > Holiday Request
<b>CarriedOverFromPrevious</b>	xs:float	Timesheet > Holiday Requests
<b>CarriedOverFromPrevious Hours</b>	xs:float	Timesheet > Holiday Requests
<b>CarryOverToNext</b>	xs:float	Timesheet > Holiday Requests

Property	Type	User interface page
<b>CarryOverToNextHours</b>	xs:float	Timesheet > Holiday Requests
<b>Entitlement</b>	xs:float	Admin > Users > User profile
<b>EntitlementHours</b>	xs:float	Admin > Users > User profile
<b>Year</b>	xs:int	Admin > Users > User profile

## IndustrySector

Property	Type	User interface page
<b>ID</b>	xs:int	n/a
<b>Name</b>	xs:string	Admin > Project Settings > Industry Sectors

## JobRole

Property	Type	User interface page
<b>ID</b>	xs:int	n/a
<b>Name</b>	xs:string	Admin > Users > Job Roles

## NonWorkingTime

Property	Type	User interface page
<b>Regions</b>	ArrayOfRegion	Admin > Company Settings > Non Working Time

## PaymentTerm

Property	Type	User interface page
<b>ID</b>	xs:int	n/a
<b>Days</b>	xs:int	Admin > Invoicing > Payment Terms

## PaymentType

Property	Type	User interface page
<b>AccountReference</b>	xs:string	Admin > Company Settings > Payment Types
<b>ID</b>	xs:int	n/a
<b>Name</b>	xs:string	Admin > Company Settings > Payment Types
<b>Reimbursable</b>	xs:boolean	Admin > Company Settings > Payment Types

## Project

Property	Type	User interface page
<b>AnyCanAssign</b>	xs:boolean	Projects > Summary
<b>BudgetExpenseFee</b> Expenses fee	xs:decimal	[Deprecated]
<b>BudgetExpensePercent</b> Expenses Percent	xs:double	[Deprecated]
<b>BudgetFeePercent</b> Fee Percent	xs:double	[Deprecated]
<b>BudgetIsPercent</b> Percent Value of Project option checked	xs:decimal	[Deprecated]
<b>BudgetPercentagesBasedOn</b> 0 = Percentages are of project value 1 = Percentages are of project fee	xs:int	[Deprecated]
<b>BudgetProjectFee</b> Project Fee	xs:decimal	[Deprecated]
<b>BudgetProjectValue</b> Project Value	xs:decimal	[Deprecated]
<b>BudgetThirdPartyFee</b> Third-Party Fee	xs:decimal	[Deprecated]
<b>BudgetThirdPartyPercent</b> Third-Party Percent	xs:double	[Deprecated]
<b>ContractValue</b> Contract Value	xs:decimal	Projects > FeeAllocation
<b>NonRecoverablesCalculationMethod</b> TopDown, BottomUp	xs:string	Projects > FeeAllocation
<b>ResourcesCalculationMethod</b> TopDown, BottomUp	xs:string	Projects > FeeAllocation
<b>CoreProjectFeeAmount</b>	xs:decimal	Projects > FeeAllocation
<b>CoreProjectFeePercent</b>	xs:decimal	Projects > FeeAllocation
<b>CoreProjectFeeSource</b> CoreProjectFee, ContractValue, FixedCosts, TotalProjectFee	xs:string	Projects > FeeAllocation
<b>CoreProjectFeeNotes</b>	xs:string	Projects > FeeAllocation
<b>NonRecoverableCostsAmount</b>	xs:decimal	Projects > FeeAllocation
<b>NonRecoverableCostsPercent</b>	xs:decimal	Projects > FeeAllocation
<b>NonRecoverableCostsSource</b> CoreProjectFee, ContractValue, FixedCosts, TotalProjectFee	xs:string	Projects > FeeAllocation
<b>AdditionalExpenseFeesAmount</b>	xs:decimal	Projects > FeeAllocation
<b>AdditionalExpenseFeesPercent</b>	xs:decimal	Projects > FeeAllocation
<b>AdditionalExpenseFeesSource</b> CoreProjectFee, ContractValue, FixedCosts, TotalProjectFee	xs:string	Projects > FeeAllocation
<b>AdditionalExpenseFeesNotes</b>	xs:string	Projects > FeeAllocation
<b>AdditionalThirdPartyFeesAmount</b>	xs:decimal	Projects > FeeAllocation
<b>AdditionalThirdPartyFeesPercent</b>	xs:decimal	Projects > FeeAllocation

Property	Type	User interface page
<b>AdditionalThirdPartyFeesSource</b> CoreProjectFee, ContractValue, FixedCosts, TotalProjectFee	xs:string	Projects > FeeAllocation
<b>AdditionalThirdPartyFeesNotes</b>	xs:string	Projects > FeeAllocation
<b>BudgetExcludingNonRecoverableCostsSource</b> FeeAllocatedToNonRecoverable ContractValue	xs:string	Projects > FeeAllocation
<b>BudgetIncludingNonRecoverableCostsSource</b> FeeAllocatedToNonRecoverable ContractValue	xs:string	Projects > FeeAllocation
<b>NonRecoverablePercentagesSameAsResourcesResourcePercentages</b>	xs:boolean	Projects > FeeAllocation
<b>ClientID</b>	xs:int	n/a
<b>ClientName</b>	xs:string	Client > Details
<b>Closed</b>	xs:boolean	Projects > Summary
<b>CustomFields</b>	<a href="#">ArrayOfCustomField</a>	Projects > Summary
<b>DepartmentName</b>	xs:string	Projects > Summary
<b>DepartmentID</b>	xs:int	n/a
<b>EndDate</b>	xs:dateTime	Projects > Summary
<b>EstimateTargetMargin</b> Target Margin	xs:double	Projects > Estimates
<b>EstimateTargetInternalCost</b> Target Cost	xs:decimal	Projects > Estimates
<b>EstimateBudgetNotes</b> Target Notes	xs:string	Projects > Estimates
<b>EstimateTargetBilling</b> Target Turnover	xs:decimal	Projects > Estimates
<b>ID</b>	xs:int	n/a
<b>IndustrySector</b>	<a href="#">IndustrySector</a>	Contacts > Clients > Details
<b>MustLogToTask</b>	xs:boolean	Projects > Summary
<b>NonProject</b> Whether the project is a “non project activity”.	xs:boolean	n/a
<b>Notes</b>	xs:string	Projects > Summary
<b>ProjectCode</b>	xs:string	Projects > Summary
<b>ProjectContacts</b> Only populated by certain Soap Methods.	<a href="#">ArrayOfProjectContact</a>	Projects > Summary
<b>ProjectManager</b>	<a href="#">User</a>	Projects > Summary
<b>ProjectName</b>	xs:string	Projects > Summary
<b>ProjectOwner</b>	<a href="#">User</a>	Projects > Summary
<b>ProjectTeam</b> Only populated by certain Soap Methods.	<a href="#">ArrayOfUser</a>	Projects > Summary
<b>ProjectType</b>	<a href="#">ProjectType</a>	Projects > Summary
<b>SecurityProfile</b>	xs:string	Projects > Summary
<b>SecurityProfileID</b>	xs:int	n/a



Property	Type	User interface page
<b>StartDate</b>	xs:dateTime	Projects > Summary
<b>Status</b>	<a href="#">ProjectStatus</a>	Projects > Summary
<b>WinDate</b>	xs:dateTime	Projects > Summary
<b>WinProbabilityPercent</b>	xs:unsignedByte	Projects > Summary

## ProjectActivity

This object is only available in V1 Project Accounting for management and marketing consultants.

Property	Type	User interface page
<b>Charge</b>	xs:decimal	Admin > Project Settings > Project Activities
<b>Cost</b>	xs:decimal	Admin > Project Settings > Project Activities
<b>ID</b>	xs:int	n/a
<b>Margin</b>	xs:double	Admin > Project Settings > Project Activities
<b>Name</b>	xs:string	Admin > Project Settings > Project Activities
<b>Quantity</b>	xs:double	Admin > Project Settings > Project Activities
<b>Unit</b> Days, Hours, Volume	xs:string	Admin > Project Settings > Project Activities

## ProjectContact

Property	Type	User interface page
<b>Contact</b>	<a href="#">Contact</a>	Projects > Summary
<b>ProjectRoleID</b>	xs:int	Projects > Summary
<b>ProjectRole</b>	xs:string	Projects > Summary

## ProjectRole

Property	Type	User interface page
<b>ID</b>	xs:int	n/a
<b>Name</b>	xs:string	Admin > Users > Project Roles

## ProjectStatus

Property	Type	User interface page
<b>BidStatus</b> Bid, Won, Lost	xs:string	Admin > Users > Project Statuses
<b>ID</b>	xs:int	n/a
<b>Name</b>	xs:string	Admin > Users > Project Statuses

## ProjectType

Property	Type	User interface page
<b>ID</b>	xs:int	n/a
<b>Name</b>	xs:string	Admin > Users > Project Types

## PublicHoliday

Property	Type	User interface page
<b>HalfDay</b>	xs:bool	Admin > Company Settings > Non Working Time
<b>Date</b>	xs:dateTime	Admin > Company Settings > Non Working Time

## PurchaseInvoice

Property	Type	User interface page
<b>ApprovalNotes</b>	xs:string	Expenses > Purchase Invoice History My Approvals > My Approvals
<b>ApprovalStatus</b> Draft, Submitted, Approved, Rejected	xs:string	Expenses > Purchase Invoice History My Approvals > My Approvals
<b>ApprovedDate</b>	xs:dateTime	Expenses > Purchase Invoice History My Approvals > My Approvals
<b>ID</b>	xs:int	n/a
<b>InvoiceDate</b>	xs:dateTime	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>InvoiceNumber</b>	xs:string	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>Items</b>	<a href="#">ArrayOfPurchaseInvoiceItem</a>	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>SubmittedDate</b>	xs:dateTime	Expenses > Purchase Invoice History My Approvals > My Approvals
<b>SupplierID</b>	xs:int	n/a
<b>SupplierName</b>	xs:string	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>TotalGross</b>	xs:decimal	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>TotalNet</b>	xs:decimal	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>TotalTax</b>	xs:decimal	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals

## PurchaseInvoiceItem

Property	Type	User interface page
<b>AccountsLinkDepartmentCode</b>	xs:string	AccountsLink > Department Nos
<b>AccountsLinkDepartmentID</b>	xs:int	n/a
<b>AssociateUser</b> Present if this is an item reconciled from an associate's timesheet	User	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>Currency</b>	Currency	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>ExchangeRate</b>	xs:decimal	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>ExpenseTypeID</b>	xs:int	n/a
<b>ExpenseTypeName</b>	xs:string	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>ForeignUnitGross</b>	xs:decimal	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>ID</b>	xs:int	n/a
<b>IncurredDate</b>	xs:dateTime	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>Notes</b>	xs:string	Expenses > Purchase Invoice History My Approvals > My Approvals
<b>ProjectCode</b>	xs:string	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>ProjectID</b>	xs:int	n/a
<b>ProjectName</b>	xs:string	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>PurchaseOrderID</b> Present if this is an item reconciled from a purchase order	xs:int	n/a
<b>PurchaseOrderItemAllocationID</b> Present if this is an item reconciled from a purchase order	xs:int	n/a
<b>PurchaseOrderItemID</b> Present if this is an item reconciled from a purchase order	xs:int	n/a
<b>Quantity</b>	xs:double	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>TaskID</b>	xs:int	n/a
<b>TaskName</b>	xs:string	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>TaxRate</b>	xs:float	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>TaxRateID</b>	xs:int	n/a

Property	Type	User interface page
<b>TotalGross</b>	xs:decimal	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>TotalNet</b>	xs:decimal	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>TotalTax</b>	xs:decimal	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals
<b>UnitGross</b>	xs:decimal	Expenses > Purchase Invoice Entry Expenses > Purchase Invoice History My Approvals > My Approvals

## PurchaseOrder

Property	Type	User interface page
<b>ApprovalNotes</b>	xs:string	Expenses > PO History > PO Details
<b>ApprovalStatus</b> Draft, Submitted, Approved, Rejected	xs:string	Expenses > PO History > PO Details
<b>ApprovedDate</b>	xs:dateTime	Expenses > PO History > PO Details
<b>Approver</b>	<a href="#">User</a>	Admin > Users
<b>Contact</b>	<a href="#">User</a>	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>Currency</b>	<a href="#">Currency</a>	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>DeliverToDepartment</b>	xs:boolean	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>DeliveryAddress1</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>DeliveryAddress2</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>DeliveryCountry</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>DeliveryCounty</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>DeliveryDepartmentID</b>	xs:int	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>DeliveryDepartmentName</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>DeliveryPostcode</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>DeliveryTown</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>ExchangeRate</b>	xs:decimal	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>ForeignTax</b>	xs:decimal	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>ForeignTotalGross</b>	xs:decimal	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>ForeignTotalNet</b>	xs:decimal	Expenses > PO Entry > PO Items Expenses > PO History > PO Items

Property	Type	User interface page
<b>ID</b>	xs:int	n/a
<b>InvoiceAddress1</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>InvoiceAddress2</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>InvoiceCountry</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>InvoiceCounty</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>InvoiceDepartmentID</b>	xs:int	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>InvoiceDepartmentName</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>InvoicePostcode</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>InvoiceToDepartment</b>	xs:boolean	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>InvoiceTown</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>Items</b> Not populated unless requested with appropriate method	<a href="#">ArrayOfPurchaseOrderItems</a>	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>Notes</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>PaymentTerms</b>	xs:int	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>PurchaseOrderDate</b>	xs:dateTime	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>PurchaseOrderFullNumber</b>	xs:string	Expenses > PO History > PO Details
<b>PurchaseOrderStatus</b> NotSent, Sent	xs:string	Expenses > PO History > PO Details
<b>PurchaseOrderTypeID</b>	xs:int	n/a
<b>PurchaseOrderTypeName</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>ReconcileStatus</b> NotReconciled, PartReconciled, Reconciled	xs:string	Expenses > Purchase Invoice Entry > Reconcile
<b>SubmittedDate</b>	xs:dateTime	My Work > My Approvals
<b>SupplierID</b>	xs:int	n/a
<b>SupplierName</b>	xs:string	Expenses > PO Entry > PO Details Expenses > PO History > PO Details
<b>TotalGross</b>	xs:decimal	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>TotalNet</b>	xs:decimal	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>TotalTax</b>	xs:decimal	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>User</b>	<a href="#">User</a>	My Work > My Approvals

## PurchaseOrderItem



Property	Type	User interface page
<b>Description</b>	xs:string	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>ExchangeRate</b>	xs:decimal	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>ExpenseTypeID</b>	xs:int	n/a
<b>ExpenseTypeName</b>	xs:string	Expenses > PO Entry > PO Items Expenses > PO History > PO Items My Approvals > My Approvals
<b>ForeignTotalNet</b>	xs:decimal	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>ForeignUnitNet</b>	xs:decimal	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>ID</b>	xs:int	n/a
<b>ItemAllocations</b>	<a href="#">ArrayOfPurchaseOrderItemAllocation</a>	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>ItemNumber</b>	xs:int	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>Notes</b>	xs:string	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>PurchaseOrderID</b>	xs:int	n/a
<b>Quantity</b>	xs:double	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>ReconcileStatus</b> NotReconciled, PartReconciled, Reconciled	xs:string	Expenses > Purchase Invoice Entry > Reconcile
<b>Reference</b>	xs:string	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>RequiredDate</b>	xs:dateTime	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>TaxRate</b>	xs:float	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>TaxRateID</b>	xs:int	n/a
<b>TotalNet</b>	xs:double	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>UnitNet</b>	xs:decimal	Expenses > PO Entry > PO Items Expenses > PO History > PO Items

## PurchaseOrderItemAllocation

Property	Type	User interface page
<b>ID</b>	xs:int	n/a
<b>ProjectCode</b>	xs:string	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>ProjectID</b>	xs:int	n/a
<b>ProjectName</b>	xs:string	Expenses > PO Entry > PO Items Expenses > PO History > PO Items
<b>PurchaseOrderItemID</b>	xs:int	n/a
<b>Quantity</b>	xs:double	Expenses > PO Entry > PO Items Expenses > PO History > PO Items

Property	Type	User interface page
<b>ReconcileStatus</b> NotReconciled, PartReconciled, Reconciled	xs:string	Expenses > Purchase Invoice Entry > Reconcile
<b>TaskID</b>	xs:int	n/a
<b>TaskName</b>	xs:string	Expenses > PO Entry > PO Items Expenses > PO History > PO Items

## PurchaseOrderType

Property	Type	User interface page
<b>ID</b>	xs:int	n/a
<b>Name</b>	xs:string	Admin > Purchase Orders > Purchase Order Type

## RateCard

Property	Type	User interface page
<b>ChargeRateMarkup</b>	xs:int	Admin > Invoicing > Rate Cards
<b>Exceptions</b>	<a href="#">ArrayOfRateCardException</a>	Admin > Invoicing > Rate Cards
<b>ID</b>	xs:int	n/a
<b>Name</b>	xs:string	Admin > Invoicing > Rate Cards

## RateCardException

Property	Type	User interface page
<b>ID</b>	xs:int	n/a
<b>Markup</b>	xs:double	Admin > Invoicing > Rate Cards
<b>NewRate</b>	xs:decimal	Admin > Invoicing > Rate Cards
<b>RateCardRate</b>	xs:decimal	Admin > Invoicing > Rate Cards
<b>User</b>	<a href="#">User</a>	Admin > Invoicing > Rate Cards

## Region

Property	Type	User interface page
<b>IsDefault</b>	xs:bool	Admin > Company Settings > Non Working Time
<b>NonWorkingDays</b>	ArrayOfPublicHoliday	Admin > Company Settings > Non Working Time
<b>RegionId</b>	xs:int	Admin > Company Settings > Non Working Time
<b>RegionName</b>	xs:string	Admin > Company Settings > Non Working Time

## ResponseHeader

Property	Type	Comment
SenderToken	xs:string	Optional token echoed back to the caller

## Result

Property	Type	Comment
ResultType	xs:enumeration	Success/Failure
ValidationMessages	<a href="#">ArrayOfValidationMessage</a>	If failure, populated with warnings and errors

## RequestHeader

Property	Type	Comment
Token	xs:string	API Security Token
SenderToken	xs:string	Optional token echoed back to the caller

## SalesInvoice

Property	Type	User interface page
ClientID	xs:int	n/a
ClientName	xs:string	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details
Contact	<a href="#">Contact</a>	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details
CreditAmount	xs:double	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details
CreditReason	xs:string	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details
DueDate	xs:dateTime	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details
ID	xs:int	n/a
InvoiceDate	xs:dateTime	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details
InvoiceNumber	xs:string	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details
InvoiceReference	xs:string	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details
Items	<a href="#">ArrayOfSalesInvoiceItem</a>	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details
Notes	xs:string	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details
PaymentTermsDays	xs:int	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details
ReceivedDate	xs:dateTime	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details



Property	Type	User interface page
<b>Status</b> Draft, Sent, PartPaid, Paid	xs:string	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details
<b>TotalGross</b>	xs:decimal	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details
<b>TotalNet</b>	xs:decimal	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details
<b>TotalTax</b>	xs:decimal	Invoices > Invoice History > Invoice Details Projects > Invoice History > Invoice Details

## SalesInvoiceItem

Property	Type	User interface page
<b>AccountsLinkDepartmentCode</b>	xs:string	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>AccountsLinkDepartmentID</b>	xs:int	n/a
<b>AccountsLinkSalesNominalCode</b>	xs:string	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>AccountsLinkSalesNominalID</b>	xs:int	n/a
<b>ClientID</b>	xs:int	n/a
<b>ClientName</b>	xs:string	Invoices > Invoice History > Invoice Details Projects > Invoice Items > Invoice Details
<b>Currency</b>	<a href="#">Currency</a>	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>Date</b>	xs:dateTime	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>Description</b>	xs:string	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>ExchangeRate</b>	xs:decimal	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>ExpenseTypeID</b>	xs:int	n/a
<b>ExpenseTypeName</b> Present on expense items only	xs:string	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>ID</b>	xs:int	n/a
<b>InvoiceItemtype</b> Time, Expense, Fixed Fee	xs:string	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>JobRoleID</b>	xs:int	n/a

Property	Type	User interface page
<b>JobRoleName</b>	xs:string	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>Month</b> Format: MM/YYYY	xs:string	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>Notes</b>	xs:string	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>PONumber</b>	xs:string	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>ProjectCode</b>	xs:string	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>ProjectID</b>	xs:int	n/a
<b>ProjectName</b>	xs:string	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>Quantity</b>	xs:double	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>SupplierID</b>	xs:int	n/a
<b>SupplierName</b>	xs:string	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>SalesInvoiceID</b>	xs:int	n/a
<b>TaskID</b>	xs:int	n/a
<b>TaskName</b>	xs:string	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>TaxRate</b>	xs:double	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>TaxRateID</b>	xs:int	n/a
<b>TextForInvoice</b>	xs:string	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>TotalGross</b>	xs:decimal	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>TotalNet</b>	xs:decimal	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details

Property	Type	User interface page
<b>TotalTax</b>	xs:decimal	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>UnitNet</b>	xs:double	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details
<b>User</b>	User	Invoices > Invoice Items > Item Details Invoices > Invoice History > Item Details Projects > Invoice Items > Item details Projects > Invoice Items > Item Details

## SalesInvoiceItemForecast

Property	Type	User interface page
<b>ClientID</b> project client	xs:int	n/a
<b>ClientName</b> project client	xs:string	Invoices > Invoice Items Projects > Invoice Items
<b>ExpenseTypeID</b>	xs:int	n/a
<b>ExpenseTypeName</b>	xs:string	Invoices > Invoice Items Projects > Invoice Items
<b>ID</b>	xs:int	Invoices > Invoice Items Projects > Invoice Items
<b>IncurredDate</b>	xs:dateTime	Invoices > Invoice Items Projects > Invoice Items
<b>InvoiceItemType</b> Time, Expense, Fixed Fee	xs:string	Invoices > Invoice Items Projects > Invoice Items
<b>InvoiceRuleID</b>	xs:int	n/a
<b>InvoiceRuleName</b>	xs:string	Invoices > Invoice Items Projects > Invoice Items
<b>ProjectCode</b>	xs:string	Invoices > Invoice Items Projects > Invoice Items
<b>ProjectID</b>	xs:int	n/a
<b>ProjectName</b>	xs:string	Invoices > Invoice Items Projects > Invoice Items
<b>Quantity</b>	xs:double	Invoices > Invoice Items Projects > Invoice Items
<b>SupplierID</b> for expense items	xs:int	n/a
<b>SupplierName</b> for expense items	xs:string	Invoices > Invoice Items Projects > Invoice Items
<b>TaskID</b>	xs:int	n/a
<b>TaskName</b>	xs:string	Invoices > Invoice Items Projects > Invoice Items
<b>TaxRate</b>	xs:float	Invoices > Invoice Items Projects > Invoice Items
<b>TotalGross</b>	xs:decimal	Invoices > Invoice Items Projects > Invoice Items
<b>TotalNet</b>	xs:decimal	Invoices > Invoice Items Projects > Invoice Items

Property	Type	User interface page
<b>UnitGross</b>	xs:decimal	Invoices > Invoice Items Projects > Invoice Items
<b>UnitNet</b>	xs:decimal	Invoices > Invoice Items Projects > Invoice Items
<b>User</b>	<a href="#">User</a>	Invoices > Invoice Items Projects > Invoice Items

## SalesNominalCode

Property	Type	User interface page
<b>Code</b>	xs:string	Admin > AccountsLink > Sales Nominal Codes
<b>Default</b>	xs:boolean	Admin > AccountsLink > Sales Nominal Codes
<b>Description</b>	xs:string	Admin > AccountsLink > Sales Nominal Codes
<b>ID</b>	xs:int	n/a

## SecurityGroup

Property	Type	User interface page
<b>ID</b>	xs:int	n/a
<b>Name</b>	xs:string	Admin > System Settings > Security Groups

## SecurityProfile

Property	Type	User interface page
<b>ID</b>	xs:int	n/a
<b>Name</b>	xs:string	Admin > Project Settings > Security Profiles

## Supplier

Property	Type	User interface page
<b>AccountsReference</b>	xs:string	Contacts > Suppliers > Details
<b>Address1</b>	xs:string	Contacts > Suppliers > Details
<b>Address2</b>	xs:string	Contacts > Suppliers > Details
<b>Country</b>	xs:string	Contacts > Suppliers > Details
<b>County</b>	xs:string	Contacts > Suppliers > Details
<b>CustomFields</b>	<a href="#">ArrayOfCustomField</a>	Contacts > Suppliers > Details
<b>DefaultPaymentTerms</b>	xs:int	Contacts > Suppliers > Details
<b>DefaultPurchaseOrderPrefix</b>	xs:string	Contacts > Suppliers > Details
<b>Email</b>	xs:string	Contacts > Suppliers > Details
<b>Fax</b>	xs:string	Contacts > Suppliers > Details

Property	Type	User interface page
<b>ID</b>	xs:int	Contacts > Suppliers > Details
<b>NextPurchaseOrderNumber</b>	xs:int	Contacts > Suppliers > Details
<b>Notes</b>	xs:string	Contacts > Suppliers > Details
<b>Phone</b>	xs:string	Contacts > Suppliers > Details
<b>Postcode</b>	xs:string	Contacts > Suppliers > Details
<b>SupplierName</b>	xs:string	Contacts > Suppliers > Details
<b>Town</b>	xs:string	Contacts > Suppliers > Details
<b>Website</b>	xs:string	Contacts > Suppliers > Details

## SupplierAddResponse

Property	Type	User interface page
<b>Supplier</b>	<a href="#">Supplier</a>	Contacts > Suppliers
<b>ResponseHeader</b>	<a href="#">ResponseHeader</a>	
<b>Result</b>	<a href="#">Result</a>	

## SupplierAddRequest

Property	Type	User interface page
<b>AccountsReference</b>	xs:string	Allow duplicate names
<b>Address1</b>	xs:string	Contacts > Suppliers > Details
<b>Address2</b>	xs:string	Contacts > Suppliers > Details
<b>Country</b>	xs:string	Contacts > Suppliers > Details
<b>County</b>	xs:string	Contacts > Suppliers > Details
<b>CustomFields</b>	<a href="#">ArrayOfCustomFieldWrite</a>	Contacts > Suppliers
<b>DefaultPaymentTerms</b>	xs:int	Contacts > Suppliers > Details
<b>Email</b>	xs:string	Contacts > Suppliers > Details
<b>Fax</b>	xs:string	Contacts > Suppliers > Details
<b>Name</b>	xs:string	Contacts > Suppliers > Details
<b>Notes</b>	xs:string	Contacts > Suppliers
<b>Phone</b>	xs:string	Contacts > Suppliers > Details
<b>Postcode</b>	xs:string	Contacts > Suppliers > Details
<b>PurchaseOrderPrefix</b>	xs:string	Contacts > Suppliers > Details
<b>PurchaseOrderNumber</b>	xs:int	Contacts > Suppliers > Details
<b>Town</b>	xs:string	Contacts > Suppliers > Details
<b>Website</b>	xs:string	Contacts > Suppliers > Details

## SupplierModifyResponse

Property	Type	User interface page
Supplier	<a href="#">Supplier</a>	Contacts > Suppliers
ResponseHeader	<a href="#">ResponseHeader</a>	
Result	<a href="#">Result</a>	

## SupplierModifyRequest

Property	Type	User interface page
AccountsReference	xs:string	Allow duplicate names
Address1	xs:string	Contacts > Suppliers > Details
Address2	xs:string	Contacts > Suppliers > Details
Country	xs:string	Contacts > Suppliers > Details
County	xs:string	Contacts > Suppliers > Details
CustomFields	<a href="#">ArrayOfCustomFieldWrite</a>	Contacts > Suppliers
DefaultPaymentTerms	xs:int	Contacts > Suppliers > Details
Email	xs:string	Contacts > Suppliers > Details
Fax	xs:string	Contacts > Suppliers > Details
Id	xs:int	
Name	xs:string	Contacts > Suppliers > Details
Notes	xs:string	Contacts > Suppliers
Phone	xs:string	Contacts > Suppliers > Details
Postcode	xs:string	Contacts > Suppliers > Details
PurchaseOrderPrefix	xs:string	Contacts > Suppliers > Details
PurchaseOrderNumber	xs:int	Contacts > Suppliers > Details
TimeStamp	xs:byte[]	
Town	xs:string	Contacts > Suppliers > Details
Website	xs:string	Contacts > Suppliers > Details

## SupplierRemoveResponse

Property	Type	User interface page
ResponseHeader	<a href="#">ResponseHeader</a>	
Result	<a href="#">Result</a>	

## SupplierRemoveRequest

Property	Type	User interface page
Header	<a href="#">RequestHeader</a>	
Id	xs:int	
TimeStamp	xs:byte[]	

## Task

Property	Type	User interface page
<b>AllCanLog</b>	xs:boolean	Projects > Work Structure
<b>BudgetFrozen</b>	xs:boolean	Projects > Fee Allocation
<b>Complete</b> True if TaskStatus indicates complete.	xs:boolean	Projects > Work Structure
<b>CompletionDate</b> Set when task set to Complete	xs:dateTime	n/a
<b>Constraint</b> ASAP, ALAP, FNET, FNLT, MFO, MSO, SNET, SNLT	xs:string	Projects > Work Structure
<b>NB: Estimates only present on V1 Project Accounting for management and marketing consultants</b>		
<b>EstimatesBudgetTimeMargin</b>	xs:double	Projects > Estimates
<b>EstimatesBudgetExpenseMargin</b>	xs:double	Projects > Estimates
<b>EstimatesDays</b>	xs:decimal	Projects > Estimates
<b>EstimatesBudgetTimeInternal</b>	xs:decimal	Projects > Estimates
<b>EstimatesBudgetExpenseInternal</b>	xs:decimal	Projects > Estimates
<b>EstimatesBudgetTimeBilling</b>	xs:decimal	Projects > Estimates
<b>EstimatesBudgetExpenseBilling</b>	xs:decimal	Projects > Estimates
<b>EstimatesBudgetExpenseNotes</b>	xs:string	Projects > Estimates
<b>EstimatesBudgetTimeNotes</b>	xs:string	Projects > Estimates
<b>EstimatesTaskBudgetType</b> FreeForm, Activity	TaskBudgetType	Projects > Estimates
<b>EstimatesTimeAtCharge</b>	xs:decimal	Projects > Estimates
<b>EstimatesTimeAtCost</b>	xs:decimal	Projects > Estimates
<b>EstimatesExpenseAtCharge</b>	xs:double	Projects > Estimates
<b>EstimatesExpenseAtCost</b>	xs:double	Projects > Estimates
<b>NB: Fee allocation budgets only present on V1 Project Accounting for architects and engineers</b>		
<b>FeeAllocBudgetCost</b>	xs:decimal	[Deprecated]
<b>FeeAllocBudgetCostPercent</b>	xs:double	[Deprecated]
<b>FeeAllocBudgetFee</b>	xs:decimal	[Deprecated]
<b>FeeAllocBudgetFeePercent</b>	xs:double	[Deprecated]
<b>BudgetExcludingNonRecoverableCostsFrozen</b>	xs:boolean	Projects > FeeAllocation
<b>Variation</b>	xs:boolean	Projects > FeeAllocation
<b>BudgetResourceFeeAmount</b>	xs:decimal	Projects > FeeAllocation
<b>BudgetResourceFeePercent</b>	xs:decimal	Projects > FeeAllocation
<b>BudgetResourceCostAmount</b>	xs:decimal	Projects > FeeAllocation

Property	Type	User interface page
<b>BudgetResourceCostPercent</b>	xs:decimal	Projects > FeeAllocation
<b>BudgetResourceProfitAmount</b>	xs:decimal	Projects > FeeAllocation
<b>BudgetResourceProfitPercent</b>	xs:decimal	Projects > FeeAllocation
<b>Ptfa_Notes</b>	xs:string	Projects > FeeAllocation
<b>BudgetIncludingNonRecoverableCostsFrozen</b>	xs:boolean	Projects > FeeAllocation
<b>BudgetNonRecoverableFeeAmount</b>	xs:decimal	Projects > FeeAllocation
<b>BudgetNonRecoverableFeePercent</b>	xs:decimal	Projects > FeeAllocation
<b>BudgetNonRecoverableCostAmount</b>	xs:decimal	Projects > FeeAllocation
<b>BudgetNonRecoverableCostPercent</b>	xs:decimal	Projects > FeeAllocation
<b>FinishDate</b>	xs:dateTime	Projects > Work Structure
<b>ForecastTimeCost</b>	xs:decimal	Projects > Work Structure
<b>ID</b>	xs:int	
<b>IsLeaf</b>	xs:boolean	Projects > Work Structure
<b>Milestone</b>	xs:boolean	Projects > Work Structure
<b>Name</b>	xs:string	Projects > Work Structure
<b>Notes</b>	xs:string	Projects > Work Structure
<b>ParentTaskID</b>	xs:int	
<b>ParentTaskName</b>	xs:string	Projects > Work Structure
<b>PercentComplete</b>	xs:unsignedByte	Projects > Work Structure
<b>PlannedDays</b>	xs:double	Projects > Work Structure
<b>Predecessors</b> Comma separated list of Task IDs and optional Predecessor Type (FF/FS/SS/SF) (Default FS - Finish to Start) i.e. 1:SS,2,3	xs:string	Projects > Work Structure
<b>ProjectActivityID</b> Only for man consultants.	xs:int	n/a
<b>ProjectActivityName</b> Only for man consultants. For task type activitiy this will be the activity name in the dropdown box.	xs:string	Projects > Estimates
<b>ProjectCode</b>	xs:string	Projects > Work Structure
<b>ProjectID</b>	xs:int	n/a
<b>ProjectName</b>	xs:string	Projects > Work Structure
<b>ProjectStartDate</b>	xs:date	Projects> Summary
<b>ResourceDetails</b>	<a href="#">ArrayOfTaskAssignment</a>	Projects > Work Structure
<b>SequenceNumber</b>	xs:int	Projects > Work Structure
<b>Speculative</b>	xs:boolean	Projects > Work Structure
<b>StartDate</b>	xs:dateTime	Projects > Work Structure
<b>TaskProbability</b>	xs:unsignedByte	Projects > Work Structure
<b>TaskStatus</b>	<a href="#">TaskStatus</a>	Projects > Work Structure



Property	Type	User interface page
<b>TaskType</b> AccumulatedWork, NotEffortBased, MovableCalendared, FixedCalendared	xs:string	Projects > Work Structure

## TaskAssignment

Property	Type	User interface page
<b>CostRate</b>	xs:double	Projects > Work Structure
<b>StartDate</b> Only relevant to Calendared Resourcing	xs:dateTime	Projects > Work Structure
<b>User</b>	<a href="#">User</a>	Projects > Work Structure
<b>UserDays</b>	xs:float	Projects > Work Structure
<b>UserPercent</b>	xs:int	Projects > Work Structure

## TaskProbability

Property	Type	User interface page
<b>Description</b>	xs:string	Admin > Project Settings > Task Probability
<b>ID</b>	xs:int	n/a
<b>Percent</b>	xs:unsignedByte	Admin > Project Settings > Task Probability

## TaskStatus

Property	Type	User interface page
<b>Default</b>	xs:boolean	Admin > Project Settings > Task Statuses
<b>ID</b>	xs:int	n/a
<b>IsTaskComplete</b>	xs:boolean	Admin > Project Settings > Task Statuses
<b>Name</b>	xs:string	Admin > Project Settings > Task Statuses

## TaxRate

Property	Type	User interface page
<b>ID</b>	xs:int	n/a
<b>Percent</b>	xs:decimal	Admin > Company Settings > VATs
<b>Name</b>	xs:string	Admin > Company Settings > VATs
<b>TaxCode</b>	xs:string	Admin > Company Settings > VATs

## TimeRequest

Property	Type	User interface page
<b>AbsenceType</b>	xs:string	Timesheet > Holiday Requests My Approvals > Holiday Request
<b>ApprovalNotes</b>	xs:string	Timesheet > Holiday Requests My Approvals > Holiday Request
<b>ApprovalStatus</b>	xs:string	Timesheet > Holiday Requests My Approvals > Holiday Request Timesheet > Holiday Requests My Approvals > Holiday Request
<b>ApprovedDate</b>	xs:dateTime	Timesheet > Holiday Requests My Approvals > Holiday Request
<b>Days</b>	<a href="#">ArrayOfHolidayDay</a>	Timesheet > Holiday Requests My Approvals > Holiday Request
<b>ID</b>	xs:int	n/a
<b>SubmittedDate</b>	xs:dateTime	Timesheet > Holiday Requests My Approvals > Holiday Request
<b>User</b>	<a href="#">User</a>	Timesheet > Holiday Requests My Approvals > Holiday Request

## TimeSheet

A weekly timesheet for a user.

Property	Type	User interface page
<b>ApprovalNotes</b>	xs:string	Timesheet >Timesheet History My Work > My Approvals
<b>ApprovalStatus</b> Draft, Submitted, Approved, Rejected	xs:string	Timesheet >Timesheet History My Work > My Approvals
<b>ApprovedDate</b>	xs:dateTime	My Work > My Approvals
<b>EndDate</b>	xs:dateTime	Timesheet >Timesheet History My Work > My Approvals
<b>Entries</b>	<a href="#">ArrayOfTimeSheetEntry</a>	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals
<b>ID</b>	xs:int	n/a
<b>StartDate</b>	xs:dateTime	Timesheet >Timesheet History My Work > My Approvals
<b>SubmittedDate</b>	xs:dateTime	My Work > My Approvals
<b>TimeValue</b>	<a href="#">TimeValue</a>	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals
<b>User</b>	<a href="#">User</a>	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals

## TimeSheetEntry

One line on a timesheet relating to a single task.

Property	Type	User interface page
<b>EndDate</b>	xs:dateTime	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals
<b>ID</b>	xs:int	n/a
<b>ProjectCode</b>	xs:string	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals
<b>ProjectID</b>	xs:int	n/a
<b>ProjectName</b>	xs:string	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals
<b>StartDate</b>	xs:dateTime	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals
<b>TaskID</b>	xs:int	n/a
<b>TaskName</b>	xs:string	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals
<b>Times</b>	<a href="#">ArrayOfTimeSheetTime</a>	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals
<b>TimeSheetID</b>	xs:int	n/a
<b>TimeValue</b>	<a href="#">TimeValue</a>	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals

## TimeSheetTime

A single value recorded for one day on a timesheet line.

Property	Type	User interface page
<b>Date</b>	xs:dateTime	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals
<b>ID</b>	xs:int	n/a
<b>InvoiceItemID</b>	xs:int	n/a
<b>IsReconciled</b>	xs:boolean	Expenses > Purchase Invoice History
<b>Notes</b>	xs:string	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals
<b>TimeSheetEntryID</b>	xs:int	n/a
<b>TimeValue</b>	<a href="#">TimeValue</a>	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals
<b>WorkDetailID</b>	xs:int	n/a
<b>WorkDetailName</b>	xs:string	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals

## TimeValue

Property	Type	User interface page
<b>CoreCharge</b>	xs:decimal	n/a
<b>CoreCost</b>	xs:decimal	n/a
<b>CoreMinutes</b>	xs:int	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals
<b>ExtraCharge</b>	xs:decimal	n/a
<b>ExtraCost</b>	xs:decimal	n/a
<b>ExtraMinutes</b>	xs:int	Timesheet >Current Timesheet Timesheet >Timesheet History My Work > My Approvals

## User

Property	Type	User interface page
<b>UserID</b>	xs:int	n/a
<b>UserFirstName</b>	xs:string	Admin > Users > User profile
<b>UserLastName</b>	xs:string	Admin > Users > User profile
<b>Detail</b> only populated if you specifically request the object directly from the Users web service using the appropriate call. Not populated when part of another object.	<a href="#">UserDetail</a>	Admin > Users > User profile

## UserDetail

Property	Type	User interface page
<b>AccountsReference</b>	xs:string	Admin > Users > User profile
<b>ActiveUser</b>	xs:boolean	Admin > Users > User profile
<b>AuthorisationLimit</b>	xs:decimal	Admin > Users > User profile
<b>BusinessPhone</b>	xs:string	Admin > Users > User profile
<b>ChargeRates</b>	<a href="#">ArrayOfChargeRate</a>	Admin > Users > User profile
<b>CoreWorkingMinutes</b>	<a href="#">CoreWorkingMinutes</a>	Admin > Users > User profile
<b>CostRates</b>	<a href="#">ArrayOfCostRate</a>	Admin > Users > User profile
<b>CustomFields</b>	<a href="#">ArrayOfCustomField</a>	Admin > Users > User profile
<b>DepartmentID</b>	xs:int	Admin > Users > User profile
<b>DepartmentName</b>	xs:string	Admin > Users > User profile
<b>Email</b>	xs:string	Admin > Users > User profile
<b>ExpensesApprover</b>	<a href="#">User</a>	Admin > Users > User profile
<b>Fax</b>	xs:string	Admin > Users > User profile
<b>HolidayApprover</b>	<a href="#">User</a>	Admin > Users > User profile
<b>Holidays</b>	<a href="#">ArrayOfHolidaySummary</a>	Admin > Users > User profile
<b>JobRoleID</b>	xs:int	Admin > Users > User profile

Property	Type	User interface page
<b>JobRoleName</b>	xs:string	Admin > Users > User profile
<b>Mobile</b>	xs:string	Admin > Users > User profile
<b>MustSubmitCoreHours</b>	xs:boolean	Admin > Users > User profile
<b>PurchaseOrderApprover1</b>	User	Admin > Users > User profile
<b>PurchaseOrderApprover2</b>	User	Admin > Users > User profile
<b>RegionId</b>	xs:int	Admin > Users > User profile
<b>RegionName</b>	xs:string	Admin > Users > User profile
<b>SecurityGroupID</b>	xs:int	n/a
<b>SecurityGroupName</b>	xs:string	Admin > Users > User profile
<b>SupplierID</b>	xs:int	n/a
<b>SupplierName</b>	xs:string	Admin > Users > User profile
<b>TimesheetApprover</b>	User	Admin > Users > User profile
<b>Username</b>	xs:string	Admin > Users > User profile
<b>UserType</b> Employee, Generic, Associate	xs:string	Admin > Users > User profile

### ValidationMessage

Property	Type	Comment
<b>Field</b>	xs:string	Field message refers to
<b>Message</b>	xs:string	Validation message
<b>Severity</b>	xs:enumeration	Error/Warning

### WinProbability

Property	Type	User interface page
<b>Description</b>	xs:string	Admin > Project Settings > Win Probability
<b>ID</b>	xs:int	n/a
<b>Percent</b>	xs:unsignedByte	Admin > Project Settings > Win Probability

### WorkDetail

Property	Type	User interface page
<b>ID</b>	xs:int	n/a
<b>Name</b>	xs:string	Admin > Company Settings > Work Detail

## Standard error messages

Error Code	Error Message
0	Not specified
1	Internal Error
2	Invalid Username / Password
3	Invalid Security Token or Session Expired
4	Administrator permissions required
5	DB access not set
6	InvalidID
7	No Home page found for this user
8	No Current session
9	Invalid Code
10	Missing or Invalid Name
11	Invalid search term
12	Invalid date
13	Not found

### Notes

- SOAP calls return an exception with one of the above error codes. The RESTful implementation returns a message with the soap exception as a string.
- An attempt to retrieve a single object by its ID or code will result in an error if the object cannot be found.
- Calls to retrieve a list of objects will return an empty array if no object is found. This will not result in a SOAP exception but RESTful calls will return a string message 'not found' for any null object.