**Upland PSA REST API Examples**

**Login**

POST to: <http://10.60.19.210/tenterprise/api/token>

Request Headers:

*OrgName:TenroxR201*

*Content-Type:application/x-www-form-urlencoded*

*Host:localhost*

Request

*grant\_type=password&username=administrator&password=admin*

Response Body:

{"access\_token":"ISd9EkeTJE7j-sD3XxOjyOR\_rlM3q1ELRnXgcdVuYSK5qUNY6FASBEuNCIJbhgnwjD8l3Zi1QlX5QjrfSpj8JmBUsN4zLHbcJkZUc\_aQ1dO8KLF7y7ob-8jsQPpa88\_rmmbEVFPCHX9UrI8C6QTxdJ9HUldYEuOSJZ3rhmu\_wEm-cAW9SycrAij90El6cJSMrKULLKTZLnsJlGZugbX1DGZMZcIN00Y5piePoYqw4aN9mMZWROhTEmDnTvn\_Sp8iIDZPRNOVFQ36Gd6UxrIp8g","token\_type":"bearer","expires\_in":14399}

Response Headers:

*access-control-allow-origin:\**

*cache-control:no-cache*

*content-length:338*

*content-type:application/json;charset=UTF-8*

*date:Sun, 03 May 2020 11:56:17 GMT*

*expires:-1*

*pragma:no-cache*

*server:Microsoft-IIS/10.0*

*x-powered-by:ASP.NET*

*x-ua-compatible:IE=edge*

**get expense reports**

GET <http://10.60.19.210/tenterprise/api/v2/ExpenseReports/>

Request Headers (string in “Authorization” after “Bearer” retrieved from login response):

OrgName:TenroxR201

Content-Type:application/json

Host:localhost

Authorization:Bearer ISd9EkeTJE7j-sD3XxOjyOR\_rlM3q1ELRnXgcdVuYSK5qUNY6FASBEuNCIJbhgnwjD8l3Zi1QlX5QjrfSpj8JmBUsN4zLHbcJkZUc\_aQ1dO8KLF7y7ob-8jsQPpa88\_rmmbEVFPCHX9UrI8C6QTxdJ9HUldYEuOSJZ3rhmu\_wEm-cAW9SycrAij90El6cJSMrKULLKTZLnsJlGZugbX1DGZMZcIN00Y5piePoYqw4aN9mMZWROhTEmDnTvn\_Sp8iIDZPRNOVFQ36Gd6UxrIp8g

Response Body:

[{"UniqueId":3,"ReportNumber":"EXPS-000002","UserId":1,"Title":"admin1, admin1's Expense Report 05/01/2020 to 05/31/2020","DateFrom":"2020-05-01T00:00:00","DateTo":"2020-05-31T00:00:00","Completed":0,"Approved":0,"Rejected":0,"Paid":0,"RejectNote":"","Rejectedby":-1,"ExpenseWorkflowId":6,"StatusId":233,"ProjectId":-1,"ExpenseReportSummary":{"TotalAmount":100.00000000,"TotalBillable":100.00000000,"TotalPayable":100.00000000,"TotalReimbursableUserCurr":100.00000000,"TotalReimbursedUserCurr":0.00000000,"ReimbursableCurrencyCode":"USD","ReimbursableCurrencySymbol":"$","SystemCurrencyCode":"USD","SystemCurrencySymbol":"$","CashAdvanceUserCurr":0.00000000}}]

Response Headers:

content-length →660

content-type →application/json; charset=utf-8

date →Sun, 03 May 2020 12:24:21 GMT

server →Microsoft-IIS/10.0

x-powered-by →ASP.NET

x-ua-compatible →IE=edge

Get Expense Entries

GET <http://10.60.19.210/tenterprise/api/ExpenseEntries?ExpRepId=3>

Request Headers:

OrgName:TenroxR201

Content-Type:application/json

Host:localhost

Authorization:Bearer ISd9EkeTJE7j-sD3XxOjyOR\_rlM3q1ELRnXgcdVuYSK5qUNY6FASBEuNCIJbhgnwjD8l3Zi1QlX5QjrfSpj8JmBUsN4zLHbcJkZUc\_aQ1dO8KLF7y7ob-8jsQPpa88\_rmmbEVFPCHX9UrI8C6QTxdJ9HUldYEuOSJZ3rhmu\_wEm-cAW9SycrAij90El6cJSMrKULLKTZLnsJlGZugbX1DGZMZcIN00Y5piePoYqw4aN9mMZWROhTEmDnTvn\_Sp8iIDZPRNOVFQ36Gd6UxrIp8g

Response Body:

[{"UniqueId":2,"UserId":1,"EntryNumber":"1","EntryDate":"05/02/2020","UpdateTimestamp":"05/02/2020 11:47:02","CreateTimestamp":"05/02/2020 11:47:02","ExpenseReportId":3,"ExpenseItemId":2,"ExpenseItemName":"Default","TaskId":23,"TaskName":"Default","WortypeId":71,"WorkTypeName":"Default","ProjectId":2,"ProjectName":"General","ClientId":1,"ClientName":"Internal","SiteId":2,"SiteName":"Organization's Headquarters","TaxGroupId":4,"TaxGroupName":"No Tax Purchases","InvoiceId":0,"ExpenseCategoryKey":"OTHER","ExpenseCategoryDesc":"Other","ExpenseTypeKey":"OTHER","ExpenseTypeDesc":"Other","ExpenseSubTypeKey":"OTHER\_OTHER","ExpenseSubTypeDesc":"Other","EntryCurrencyId":1,"EntryCurrencyCode":"USD","EntryCurrencySymbol":"$","EntryCurrencyText":"US Dollar","RateToUserCurrency":"1","RateToSystemCurrency":"1","Memo":"","AirLine":"","AirTicketNumber":"","MileageScheme":"BUSINESS","Miles":0.00000000,"MileageSource":"","MileageDestination":"","Purpose":"","City":"","Guests":"","PaymentMethodId":1,"PaymentMethodName":"American Express","NetAmount":"100","GrossAmount":"100","Tips":"0","GrossAmountWithTips":"100","MarkupPercentage":"0","GrossAmountWithTipsAndMarkup":"100","GrossAmountWithTipsBaseCurr":"100","TotalTax":"0","TotalInUserCurrency":"100","ReimbursableAmount":"100","Paid":0,"Approved":0,"Rejected":0,"Billable":1,"Payable":1,"Completed":0,"Billed":0,"Reimbursable":1,"Reimbursed":0,"Funded":0,"RandD":0,"Capitalized":0,"ExceededLimit":0,"Posted":0,"RecognizedRevenue":0,"RejectedByPM":0,"ReadOnly":0,"NumOfDays":0.00000000,"PerDiemAmount":0.00000000,"HasErrors":0,"HasWarnings":0,"WarningMessage":"","MileageRate":"1","DocumentCount":0,"ErrorList":[],"TaxDetails":[{"Amount":"0.00000000","UniqueId":5,"Name":"No Tax","Type":1,"Rate":0.0,"Taxable":false,"MinTaxableAmount":0.0,"MaxTaxableAmount":0.0,"OrderNum":0}]}]

Response Headers:

content-length →1827

content-type →application/json; charset=utf-8

date →Sun, 03 May 2020 12:32:38 GMT

server →Microsoft-IIS/10.0

x-powered-by →ASP.NET

x-ua-compatible →IE=edge