



Explore API Documentation

Explore_Plan_WorkPlanCostItem
Version 2.0

Last Modified: 11/14/2023



Change Log

This changelog only contains significant or notable changes to the revision. Any editorial type changes or minor changes are not included.

Revision	Change Date	Description	Modified By
1.0	01/11/2022	Initial draft	Chase Denton
1.1	12/20/2022	Updated pagination	Litzy Mora
2.0	3/27/2023	Updated overview, relationships, validation, etc.	Sanjay Molugu

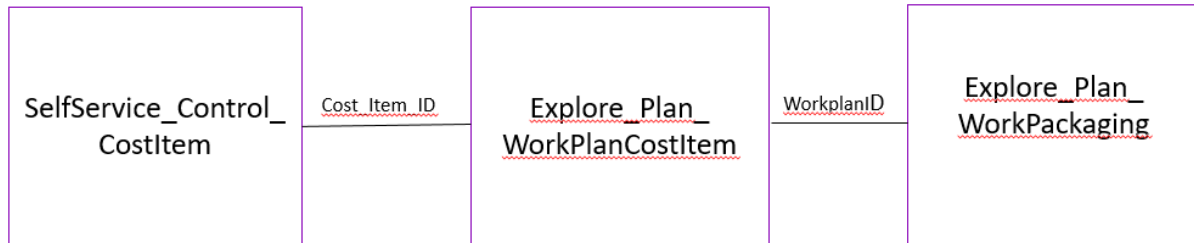
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Overview

The **Explore_Plan_WorkPlanCostItem** API is intended to provide your organization's information on cost items that exist on work plans.

Relationships and Dependencies



From: Table	To: Table	Relationship	Cardinality	Comment
Explore_Plan_WorkPlanCostItem (WPC)	SelfService_Control_CostItem (CI)	WPC.CostItemId = CI.CostItemId	1:1	
Explore_Plan_WorkPlanCostItem (WPC)	Explore_Plan_WorkPackaging (WP)	WPC.WorkPlanId = WP.WorkPlanId	1:1	

API Detail

Direction	From Project Suite	
Pagination	5,000 Rows	
Frequency	All Reporting APIs are used by calling a GET method at an interval determined by the customer. InEight suggests using these APIs on an infrequent basis (once per day) to avoid potential performance impact to live systems when the returned data set could be large.	
Trigger Method(s)	All default OData filters are supported	
Average Payload Size	Depends on date range selected	
API URL	https://api.ineight.com/reporting/v1/{tenantPrefix}/odata/Explore_Plan_WorkPlanCostItem	
Replicate View	Explore.vwPlanWorkPlanCostItem	
Data Refresh/Delta/Incremental Loads	Data refresh within ~ 20 minutes. Data can be incrementally loaded after first full refresh.	
Project Suite	Starting Version	22.12
	Ending Version	

Supported Filters

All default OData filters are supported by this API.

Fields

Column Name	Data Type	Char Max Length	Numeric Precision	Numeric Scale	Date Precision	Is Nullable	PK
WorkPlanBudgetId	Bigint	Null	Null	Null	Null	N	X
WorkPlanId	Bigint	Null	Null	Null	Null	Y	
WBS	Nvarchar	50	Null	Null	Null	Y	
WBSDescription	Nvarchar	250	Null	Null	Null	Y	
AccountCode	Nvarchar	250	Null	Null	Null	Y	
Quantity	Decimal	Null	16	5	Null	Y	
UOM	Nvarchar	255	Null	Null	Null	Y	
CostItemId	Bigint	Null	Null	Null	Null	Y	
CBUnitCost	Decimal	Null	16	5	Null	Y	
CBBudget	Decimal	Null	16	5	Null	Y	
CBManHoursPerUnit	Decimal	Null	16	5	Null	Y	
CBManHours	Decimal	Null	16	5	Null	Y	
CEUnitCost	Decimal	Null	16	5	Null	Y	
CEBudget	Decimal	Null	16	5	Null	Y	
CEManHoursPerUnit	Decimal	Null	16	5	Null	Y	
CEManHours	Decimal	Null	16	5	Null	Y	

Field Descriptions

Name	Description	Example
WorkPlanBudgetId	Unique identifier for a work plan budget id	23
WorkPlanId	System generated identifier for a work plan	17
WBS	System generated identifier for a WBS	1330
WBSDescription	Description of the work breakdown structure	Sub - Aerial Photos
AccountCode	System generated display for an account code	50.03.02.004
Quantity	Quantity of the work plan budget	5.000000000000
UOM	Unit of measure name	SY
CostItemId	System generated identifier for a cost item	35294
CBUnitCost	Current budget unit cost	2.265000035810995925344
CBBudget	Current budget	2.265000035810995925344
CBManHoursPerUnit	Current budget man hours per unit	2.265000035810995925344
CBManHours	Current budget man hours	2.265000035810995925344
CEUnitCost	Current estimate unit cost	2.265000035810995925344
CEBudget	Current estimate	2.265000035810995925344
CEManHoursPerUnit	Current estimate man hours per unit	2.265000035810995925344
CEManHours	Current estimate man hours	2.265000035810995925344

Sample

```
{
  https://api.ineight.com/reporting/v1/{tenantKey}/odata/Explore_Plan_WorkPlanCostItem[?$expand][&$filter][
  &$select][&$orderby][&$top][&$skip][&$count]
}
```

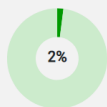
Data Validation

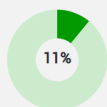
Riverside National Cemetery | 103446 / Plan / Work packaging InEight OA 101-23.2

Work Packages > Constructio... > CWP-LC1 Generate packag

WORK PACKAGES CONSTRUCTION WORK PACKAGE OVERVIEW **WORKSPACE** GENERAL CONSIDERATIONS DOCUMENTS

Name: CWP-LC1
Number: 65003
Description:

Mhr % Complete 

Cost % Complete 

Budget Planning status: Draft

WBS ↑	Description	Quantity	UoM	CB-MH/unit	CB-Man hours	CE-MH/unit	CE-Man hours	Account	CB-Unit cost	CB-Budget
1011	PM - Agg - Pea Grave...	12,120.000	Ton					93.53.02.000		
1750	1750Sep2	5,000.000	PLS			3.000	15,000.000			