



Explore API Documentation

Explore_Plan_WorkPlanEquipmentDetail
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	01/07/2022	Initial draft	Chase Denton
1.1	12/20/2022	Updated pagination	Litzy Mora
2.0	3/16/2023	Updated relationship and diagram, formatting, etc.	Swadesh Subedi

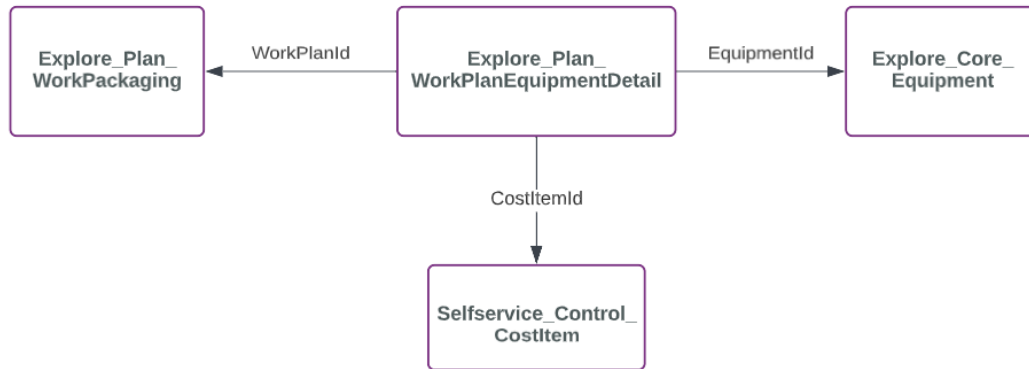
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Overview

The *Explore_Plan_WorkPlanEquipmentDetail* API is intended to provide information on equipment details associated to work plans.

Relationships and Dependencies



From: Table	To: Table	Relationship	Cardinality	Comment
Explore_Plan_WorkPlanEquipmentDetail (WPED)	Explore_Core_Equipment (E)	WPED.EquipmentId = E.EquipmentId	M:1	Equipment
Explore_Plan_WorkPlanEquipmentDetail (WPED)	Explore_Plan_WorkPackaging (WP)	WPED.WorkPlanId = WP.WorkPlanId	M:1	Work Plan
Explore_Plan_WorkPlanEquipmentDetail (WPED)	SelfService_Control_CostItem (CI)	WPED.CostItemId = CI.CostItemId	M:1	Cost Item

API Detail

Direction	From Project Suite	
Pagination	50,000 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/{TenantKey}/odata/Explore_Plan_WorkPlanEquipmentDetail	
Data Refresh/Delta/Incremental Loads	Data refresh within ~ 20 minutes. Data can be incrementally loaded after first full refresh.	
Replicate View	Explore.vwPlanWorkPlanEquipmentDetails	
Project Suite	Starting Release	22.12
	Ending Release	

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
WorkPlanEquipmentId	Bigint	Null	Null	Null	Null	N	X
WorkPlanId	Bigint	Null	Null	Null	Null	Y	
EquipmentId	Bigint	Null	Null	Null	Null	Y	
EquipmentNumber	Nvarchar	100	Null	Null	Null	Y	
Description	Nvarchar	255	Null	Null	Null	Y	
Category	Nvarchar	100	Null	Null	Null	Y	
Ownership	Nvarchar	50	Null	Null	Null	Y	
PermitExpires	Date	Null	Null	Null	7	Y	
Quantity	Smallint	Null	Null	Null	Null	Y	
EquipmentType	Nvarchar	100	Null	Null	Null	Y	
IsUserCreated	Bit	Null	Null	Null	Null	Y	
CostItemId	Bigint	Null	Null	Null	Null	Y	
Code	Nvarchar	50	Null	Null	Null	Y	
EstimateResourceDescription	Nvarchar	1000	Null	Null	Null	Y	
EstimateResourceQuantity	Decimal	Null	22	11	Null	Y	

Field Descriptions

Name	Description	Example
WorkPlanEquipmentId	Unique identifier for a work plan equipment id	4
WorkPlanId	System generated identifier for a work plan	22
EquipmentId	System generated identifier for equipment	4311
EquipmentNumber	Number associated to the equipment	173067
Description	Description of the equipment	CATERPILLAR-CP323C
Category	Category the equipment falls under	ROLLERS
Ownership	Ownership type	Owned
PermitExpires	Date the permit for the equipment expires	2020-04-06 00:00:00.0000000 +00:00
Quantity	Quantity of the equipment	1
EquipmentType	Type of equipment	40-48"Sgl Drum Vib
IsUserCreated	1 or 0, 1 if user created	1
CostItemId	System generated identifier for a cost item	13355
Code	Equipment code	1.KIE.RDW.E5
EstimateResourceDescription	Description of the estimate resource	KIE Roadway - Engineer 5
EstimateResourceQuantity	Quantity of the estimate resource	2.000000000000

Sample

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

Data Validation

103442 | Van Nuys North Platform / Plan / Work packaging 21.12.0A

Work Packages: one Jan12... Print Report

OVERVIEW **WORKSPACE** CONSTRAINT MANAGEMENT DOCUMENTS View: Current viewset

Jan12-IWP-1
711169

Manage workspace

- Equipment
- Materials
- Budget
- Activity components
- Contract components
- Lessons learned
- Quality forms
- Work sequence
- Tools
- Temporary structures
- Labor
- Goals
- Quality
- Safety
- Environmental

[Save workspace as view](#)

Equipment		Equipment ID	Code	Descripti...	Category	EquipmentType	Ownership	Permit expires	Quantity
		151281	1.C.06.1.03	CATERPIL...	CRAWLER TRACTORS	Dozer 85-109 HP	Owned		1
		100019	1.K.IE.STR...	INGERSOL...	AIR COMPRESSORS	AC 350-375 CFM, Elec	Owned		1
		100083	1.K.IE.STR...	GROVE-RT...	CRANES	Crane RT 60-69 Ton	Owned		1
		100046	1.K.IE.STR...	CATERPIL...	FRONT END LOADERS	Skid Steer - Wheeled	Owned		1