



Explore API Documentation

Explore_Plan_WorkPlanMaterial
Version 1.0

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	02/18/2022	Initial draft	Chase Denton
1.1	12/20/2022	Updated pagination	Litzy Mora

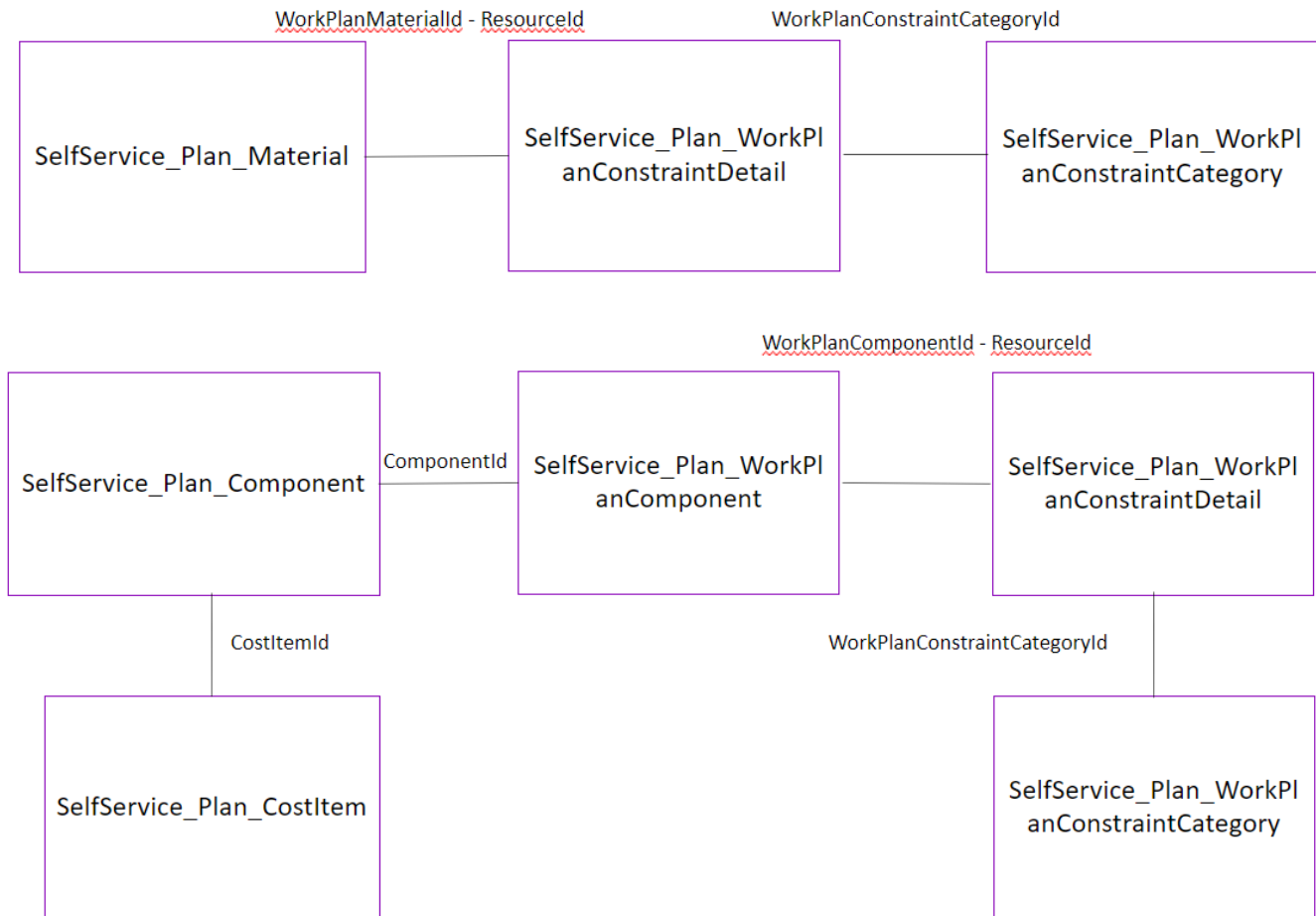
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Overview

The **Explore_Plan_WorkPlanMaterial** API is intended to provide your organization’s information on materials that exist on work plans.

Relationships and Dependencies



From: Table	To: Table	Relationship	Cardinality	Comment
Plan_WorkPlanMaterial (WPM)	Plan_WorkPlanConstraintDetail (WPCD)	WPM.WorkPlanMaterialId = WPCD.ResourceId	1:M	
Plan_WorkPlanMaterial (WPM)	Core_WorkPlanConstraintCategory (WPCC)	WPCD.WorkPlanConstraintCategoryId = WPCC.WorkPlanConstraintCategoryId	1:M	
Plan_WorkPlanComponent (WPCOMP)	Plan_Component (Comp)	WPCOMP.ComponentId = COMP.ComponentId	1:M	
Plan_Component (Comp)	Plan_CostItem (CI)	COMP.CostItemId = CI.CostItemId	1:M	
Plan_WorkPlanComponent (WPCOMP)	Plan_WorkPlanConstraintDetail (WPCD)	WPCOMP.WorkPlanComponentId = WPCD.ResourceId	1:M	

Plan_WorkPlanConstraintDetail (WPCD)	Plan_WorkPlanConstraintCategory (WPCC)	WPCD.WorkPlanConstraintCategoryId = WPCC.WorkPlanConstraintCategoryId	1:M	
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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
APIM Name	Explore_Plan_WorkPlanMaterial
API URL (QA)	https://api.ineight.com/reporting/v1/{tenantPrefix}/odata/Explore_Plan_WorkPlanMaterial
Source Data Table Kind	ODS Table
Data Refresh/Delta/Incremental Loads	N/A
Project Suite	Starting Version
	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
PrimaryKey	Nvarchar	50	Null	Null	Null	N	X
WorkPlanId	Bigint	Null	Null	Null	Null	Y	
WorkPlanMaterialId	Bigint	Null	Null	Null	Null	Y	
WorkPlanComponentId	Bigint	Null	Null	Null	Null	Y	
ComponentId	Bigint	Null	Null	Null	Null	Y	
Name	Nvarchar	200	Null	Null	Null	Y	
Description	Nvarchar	250	Null	Null	Null	Y	
ComponentLevelId	Bigint	Null	Null	Null	Null	Y	
ToolId	Nvarchar	10	Null	Null	Null	Y	
MaterialMaster	Bigint	Null	Null	Null	Null	Y	
Quantity	Decimal	Null	16	5	Null	Y	
UOMId	Bigint	Null	Null	Null	Null	Y	
UOM	Nvarchar	3	Null	Null	Null	Y	
NeededQuantity	Decimal	Null	16	5	Null	Y	
AvailableQuantity	Decimal	Null	16	5	Null	Y	

Location	Nvarchar	50	Null	Null	Null	Y	
Requisition	Nvarchar	50	Null	Null	Null	Y	
PO	Nvarchar	50	Null	Null	Null	Y	
Cost	Decimal	Null	16	5	Null	Y	
CostCode	Nvarchar	20	Null	Null	Null	Y	
Spec	Nvarchar	50	Null	Null	Null	Y	
IsCategoryPinned	Bit	Null	Null	Null	Null	Y	
ExternalURL	Nvarchar	2048	Null	Null	Null	Y	
EstHours	Decimal	Null	16	5	Null	Y	

Field Descriptions

Name	Description	Example
PrimaryKey	Unique identifier for the primary key	1530-0
WorkPlanId	Identifier for a work plan id	29196
WorkPlanMaterialId	Identifier for a work plan material id	1530
WorkPlanComponentId	Identifier for a work plan component id	2987955
ComponentId	Identifier for a component id	5570105
Name	Name of the component	Comp1- feb17 -20972
Description	Description of the component	New import
ComponentLevelId	Level of the component	2
ToolId	Identifier for a tool	1
MaterialMaster	Master material	0
Quantity	Amount of quantity	2960.00000
UOMId	Unit of measure	6
UOM	Unit of measure	6
NeededQuantity	Amount of quantity needed	15.00000
AvailableQuantity	Amount of quantity available	10.78000
Location	Location of the item	UPX01
Requisition	Requisition number	EP7505A1
PO	Purchase order	1
Cost	Cost of the item	0.01000
CostCode	System generated identifier for cost	1385
Spec	Specifications on the item	6A3K1
IsCategoryPinned	1 or 0, 1 if the item is pinned	0
ExternalURL	URL associated	www.google.com
EstHours	Estimated hours	10.00000

Sample

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

Data Validation

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

Work Packages: Work packa... > one > Jan12-IWP-1 Print Report

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

Jan12-IWP-1
711169

Material components Planning complete Add materials Add material components

Material name	Description	Type	Quantity	UoM	Needed qty	Requisition #	PO #
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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](#)