



Explore API Documentation

SelfService_Core_Material

Version 1.0

Last Modified: 10/24/2023

Last Modified By: Litzy Mora

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	6/6/2022	Initial draft	Litzy Mora

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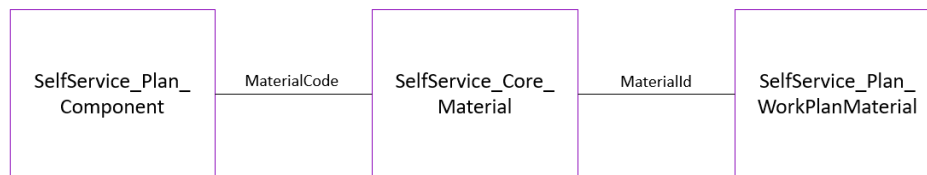
Overview

This API exposes information as entered in the master data libraries > operational resources > Materials tab

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality	Comment
SelfService_Core_Material (M)	Explore_Plan_WorkPlanMaterial (WPM)	M.MaterialId=WPM.MaterialId	1:M	
SelfService_Core_Material (M)	SelfService_Plan_Component(C)	M. MaterialCode = C.MaterialCode	1:M	

Core_Material



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.

¹ 1:M = One to Many, 1:1 = One to One, M:1 = Many to one

Trigger Method(s)	All default OData filters are supported	
Average Payload Size	Depends on date range selected	
APIM Name	SelfService_Core_Material	
Data Refresh/Delta/Incremental Loads	The data in this API is on a trigger-based refresh, fresh data should appear in 5 minutes or less.	
Project Suite	Starting Version	22.8
	Ending Version	N/A

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	CharMaxLength	NumericPrecision	DatePrecision	Product	PK
BaseUom	nvarchar	510	0	0	Core	
CreatedDate	datetimeoffset	10	34	7	Core	
IsActive	bit	1	1	0	Core	
Manufacturer	nvarchar	100	0	0	Core	
ManufacturingPartNumber	nvarchar	100	0	0	Core	
MaterialDescription	nvarchar	500	0	0	Core	
MaterialDisplayId	nvarchar	100	0	0	Core	
MaterialId	bigint	8	19	0	Core	X
MaterialName	nvarchar	100	0	0	Core	
MaterialTypeName	nvarchar	100	0	0	Core	
ModifiedDate	datetimeoffset	10	34	7	Core	
ProductCategory	nvarchar	100	0	0	Core	
PurchasingUom	nvarchar	510	0	0	Core	

Field Descriptions

Name	Description	Example
BaseUom	Default unit of measure for the material	Hour
CreatedDate	Date record was created	2022-08-02 13:21:11.9351150+00:00
IsActive	Active=1, InActive=0	0
Manufacturer	Manufacturer that produced the material	NULL
ManufacturingPartNumber	Number assigned to the material by the manufacturer	string
MaterialDescription	Text description assigned to material when material is entered into the system	MaterialHVT_Auto_83_Updated

MaterialDisplayId	Id assigned to the material when it is entered into the system, this is user defined	MaterialHVT_Auto_83
MaterialId	Backend id assigned to the material when it's entered into the system	5275
MaterialName	User defined text name of the material	MaterialHVT_Auto_83
MaterialTypeName	Text description of material type	ZROH
ModifiedDate	Date record was modified	2022-08-02 13:21:52.5775572+00:00
ProductCategory	Product category as assigned when material is entered into the system	MaterialGroupHVT_Auto_83
PurchasingUom	Unit of measure used for material purchase	Hour

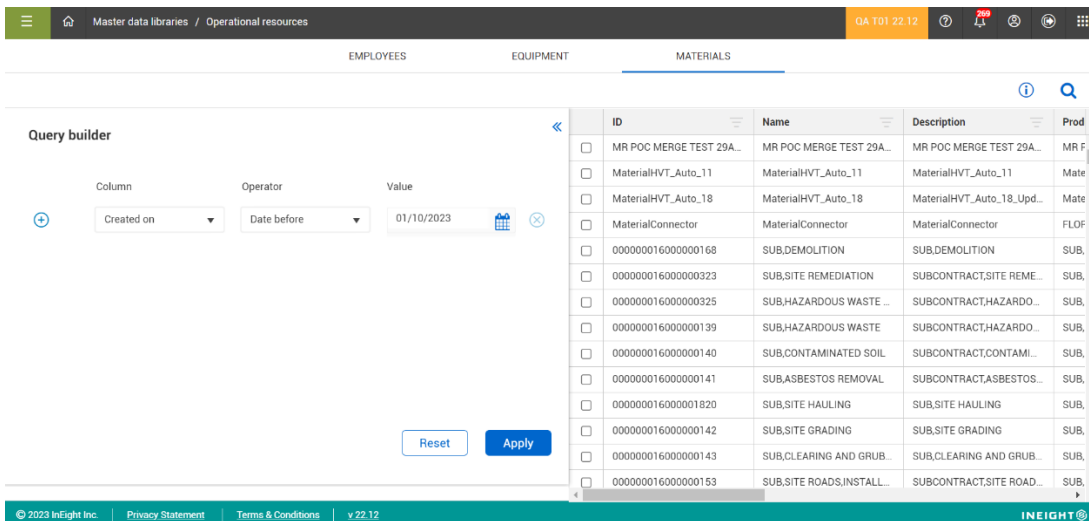
Sample

```
"MaterialId":1,"MaterialDisplayId":"000000016000000050","MaterialName":"SUB, INTERIOR FINISHES, INSTALLATION","MaterialDescription":"SUBCONTRACT, INTERIOR FINISHES, INSTALLATION","ProductCategory":"SUB,BUILDING, INST","MaterialTypeName":"ZSER","Manufacturer":null,"ManufacturingPartNumber":null,"BaseUom":"Ea","PurchasingUom":null,"CreatedDate":"2017-11-17T23:12:58.2477041Z","ModifiedDate":"2021-09-11T13:32:03.4773436Z","IsActive":true
```

Data Validation

This data can be validated by navigating to Master data libraries, then Operational resources and selecting Material

Figure 1: Master data libraries > Operational resources > Material



The screenshot shows the InEight system interface for Master data libraries > Operational resources > Material. The page displays a list of materials with columns for ID, Name, Description, and Prod. A query builder is visible on the left side of the list.

ID	Name	Description	Prod
<input type="checkbox"/>	MR POC MERGE TEST 29A...	MR POC MERGE TEST 29A...	MR F
<input type="checkbox"/>	MaterialHVT_Auto_11	MaterialHVT_Auto_11	Mate
<input type="checkbox"/>	MaterialHVT_Auto_18	MaterialHVT_Auto_18_Upd...	Mate
<input type="checkbox"/>	MaterialConnector	MaterialConnector	FLOF
<input type="checkbox"/>	000000016000000168	SUB,DEMOLITION	SUB,
<input type="checkbox"/>	000000016000000323	SUB,SITE REMEDIATION	SUBCONTRACT,SITE REME...
<input type="checkbox"/>	000000016000000325	SUB,HAZARDOUS WASTE ...	SUBCONTRACT,HAZARDO...
<input type="checkbox"/>	000000016000000139	SUB,HAZARDOUS WASTE	SUBCONTRACT,HAZARDO...
<input type="checkbox"/>	000000016000000140	SUB,CONTAMINATED SOIL	SUBCONTRACT,CONTAMI...
<input type="checkbox"/>	000000016000000141	SUB,ASBESTOS REMOVAL	SUBCONTRACT,ASBESTOS...
<input type="checkbox"/>	0000000160000001820	SUB,SITE HAULING	SUB,SITE HAULING
<input type="checkbox"/>	000000016000000142	SUB,SITE GRADING	SUB,SITE GRADING
<input type="checkbox"/>	000000016000000143	SUB,CLEARING AND GRUB...	SUB,CLEARING AND GRUB...
<input type="checkbox"/>	000000016000000153	SUB,SITE ROADS,INSTALL...	SUBCONTRACT,SITE ROAD...