



Explore API Documentation

SelfService_Core_Commodity

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	8/30/2022	Initial draft	Litzy Mora

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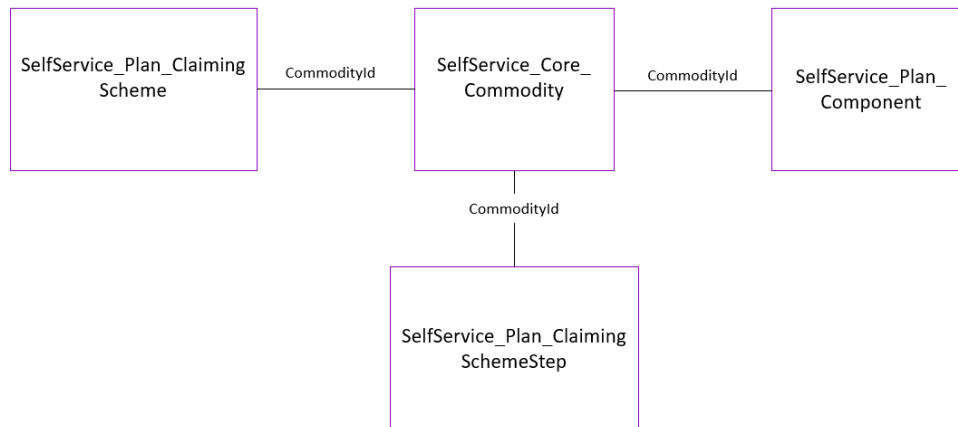
Overview

This API exposes data from the Commodities section in the Master Data Library.

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality ¹	Comment
SelfService_Core_Commodity (C)	SelfService_Plan_Component (Comp)	C.CommodityId=Comp.CommodityId	1:M	
SelfService_Core_Commodity (C)	SelfService_Plan_ClaimingScheme (CS)	C.CommodityId=CS.CommodityId	1:M	
SelfService_Core_Commodity (C)	SelfService_Plan_ClaimingSchemeStep (CSS)	C.CommodityId=CSS.CommodityId	1:M	

Core_Commodity



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

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

Average Payload Size		Depends on date range selected
APIM Name		SelfService_Core_Commodity
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
CommodityDescription	nvarchar	100	0	0	Core	
CommodityId	bigint	8	19	0	Core	X
CommodityName	nvarchar	200	0	0	Core	
CreatedById	bigint	8	19	0	Core	
CreatedDate	datetimeoffset	10	34	7	Core	
CustomGroupAccountElementId	bigint	8	19	0	Core	
IsActive	bit	1	1	0	Core	
ModifiedById	bigint	8	19	0	Core	
ModifiedDate	datetimeoffset	10	34	7	Core	
OrganizationId	bigint	8	19	0	Core	
SourceSystemId	nvarchar	100	0	0	Core	
SourceSystemName	nvarchar	200	0	0	Core	

Field Descriptions

Name	Description	Example
CommodityDescription	Text description entered for the commodity in the user interface	commodity_desc
CommodityId	Back-end unique identifier for the Commodity as entered in the UI	1001
CommodityName	Text name as assigned to the commodity in the UI	commodity
CreatedById	User Id of the individual the created the record	145715
CreatedDate	The date on which the User record was created	2022-06-17 12:48:29.8898358+00:00

CustomGroupAccountElementId	Unique identifier associated to the custom group account element	357
IsActive	1' means active and '0' means inactive	0
ModifiedById	The user id of the individual that modified the record	DHO_EQPT_15_HBC_TADANO
ModifiedDate	The date on which the Role assignment was last changed	-2
OrganizationId	Back-end Id associated to the organization the commodity falls under	1
SourceSystemId	Identifier created by the system of record and used in all system communications as the primary method of specifying a unique record. This field does not display in normal use of InEight applications and can contain internal identifiers such as a GUID that is not understandable by typical system users	5CD3DDAD-11E0-4C39-821F-3634F86C29F5
SourceSystemName	The customer provided name of the system of record for Users.	NULL

Sample

```
"CommodityId":1,"CustomGroupAccountElementId":1019,"CommodityName":"Aggregate","CommodityDescription":"","OrganizationId":1,"CreatedById":-1,"CreatedDate":"2017-05-26T17:59:28.9508976Z","ModifiedById":1,"ModifiedDate":"2022-06-29T16:10:56.1766667Z","IsActive":true,"SourceSystemId":"ce7a8c6d-34b8-492b-b608-aebc8cf859e1","SourceSystemName":"In8ProjectSuite"
```

Data Validation

This data can be validated by navigating to master data libraries, then disciplines and commodities and selecting commodities.

Figure 1: Master data libraries > Disciplines and commodities > Commodities

The screenshot displays the 'Commodities' section of the application. On the left, a list of commodity categories is shown, with 'Anchor Bolts' selected. On the right, a table lists field attributes for the selected commodity. The table has columns for 'Field attribute name', 'Type', 'Max length', and 'Size'. Three auxiliary fields are listed: AUX 1, AUX 2, and AUX 3, all of type 'Text' and length 100.

Field attribute name	Type	Max length	Size
<input type="checkbox"/> AUX 1	Text		100 1x
<input type="checkbox"/> AUX 2	Text		100 1x
<input type="checkbox"/> AUX 3	Text		100 1x