



# Explore API Documentation

## SelfService\_Core\_Discipline

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

## Contents

---

Change Log.....	2
Overview.....	3
Relationships and Dependencies.....	3
API Detail.....	3
Supported Filters.....	4
Fields.....	4
Field Descriptions.....	4
Sample.....	5
Data Validation.....	5

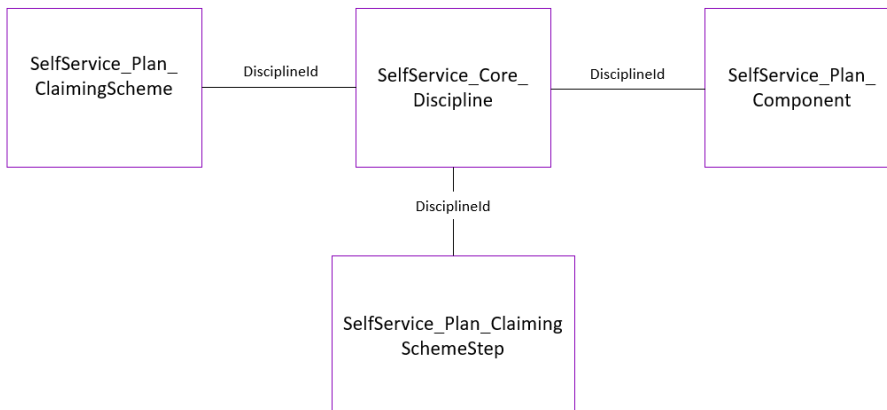
## Overview

This API exposes Discipline information as assigned in the Master Data Library.

## Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality <sup>1</sup>	Comment
<b>SelfService_Core_Discipline (D)</b>	SelfService_Plan_Component (Comp)	D.Disciplineld=Comp.Disciplineld	M:1	
<b>SelfService_Core_Discipline (D)</b>	SelfService_Plan_ClaimingScheme (CS)	D.Disciplineld=CS.Disciplineld	M:1	
<b>SelfService_Core_Discipline (D)</b>	SelfService_Plan_ClaimingSchemeStep (CSS)	D.Disciplineld=CSS.Disciplineld	M:1	

Core\_Discipline



## 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

<sup>1</sup> 1:M = One to Many, 1:1 = One to One, M:1 = Many to one

APIM Name		SelfService_Core_Discipline
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	CharMaxLen gth	NumericPrecisi on	DatePrecisi on	Product	P K
CreatedById	bigint	8	19	0	Core	
CreatedDate	datetimeoffset	10	34	7	Core	
CustomGroupAccountElementId	bigint	8	19	0	Core	
DisciplineDescription	nvarchar	100	0	0	Core	
DisciplineId	bigint	8	19	0	Core	X
DisciplineName	nvarchar	200	0	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
CreatedById	User Id of the individual the created the record	145715
CreatedDate	The date on which the User record was created	2022-06-17 12:47:32.3662633+00:00
CustomGroupAccountElementId	Unique value associated to the Group Account Element	356
DisciplineDescription	Description as entered by the user when creating or editing a Discipline	Disc
DisciplineId	Unique value associated to the Discipline by the system	1004
DisciplineName	Name associated	Disc
IsActive	This field is not recommended for use. Sending a value of	0

	false within this field will cause the record to be soft deleted from InEight and unrecoverable without assistance from InEight Professional Services.	
ModifiedById	The user id of the individual that modified the record	-2
ModifiedDate	The date on which the Role assignment was last changed	2022-08-30 05:06:33.8301053+00:00
OrganizationId	Organization Id of the project	1
SourceSystemId	The external identifier of the User record provided by the system of record for Users	A8B1CAC2-906F-405A-9DCE-85AB73BC0325
SourceSystemName	The customer provided name of the system of record for Users.	NULL

## Sample

```
"DisciplineId":1,"CustomGroupAccountElementId":920,"DisciplineName":"Aggregates and Paving","DisciplineDescription":"","OrganizationId":1,"CreatedById":-1,"CreatedDate":"2017-01-26T16:51:34.8189207Z","ModifiedById":1,"ModifiedDate":"2022-06-29T16:10:56.03Z","IsActive":true,"SourceSystemId":"f0ae04e1-d88e-4ae0-ae9c-0ede78923fcc","SourceSystemName":"In8ProjectSuite"
```

## Data Validation

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

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

Discipline	Field attribute name	Type	Max length	Size
Aggregates and Paving	Engineer Responsible	Text		25 1x
Building	Actual Quantity	Text		25 1x
Bulk Commodities	Asphalt Mix	Text		25 1x
Change Orders, Contract Allowances and Back charges	Designer	Text		25 1x
Civil Utilities	AUX 1	Text		100 1x
Commercial Cost	AUX 2	Text		100 1x
Concrete	AUX 3	Text		100 1x
Construction Equipment	AUX 4	Text		100 1x
Contingency	AUX 5	Text		100 1x
Contract	Mechanical Drawing	Text		25 1x
Created 2112 Reg	Electrical Drawing	Text		50 1x
Data 0001 - Client Graham	Pipe Drawing	Text		25 1x
Deep Foundations	Foundation Drawing	Text		50 1x
Design Engineering	Asphalt Design	Text		25 1x
Direct Estimated ST&S	AUX 6	Text		40 1x
Discipline Services, Tools and Supplies	AUX 7	Text		40 1x
Discipline SVC001	Project Doc #	Text		50 1x
Electrical	Project Doc Rev #	Text		25 1x
Engineered Equipment	Account Code Description	Text		100 1x
Engineering	Account Code Number	Text		100 1x
Grading	Trench	Text		25 1x