



## Explore API Documentation

# SelfService\_Plan\_ClaimingSchemeStep

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	6/19/2019	Initial draft	Chase Denton
1.1	6/23/2020	Added new columns 20.2 and above	Natalie Takacs
2.0	3/22/2023	Fixed issue with relationships	Chase Denton

## Contents

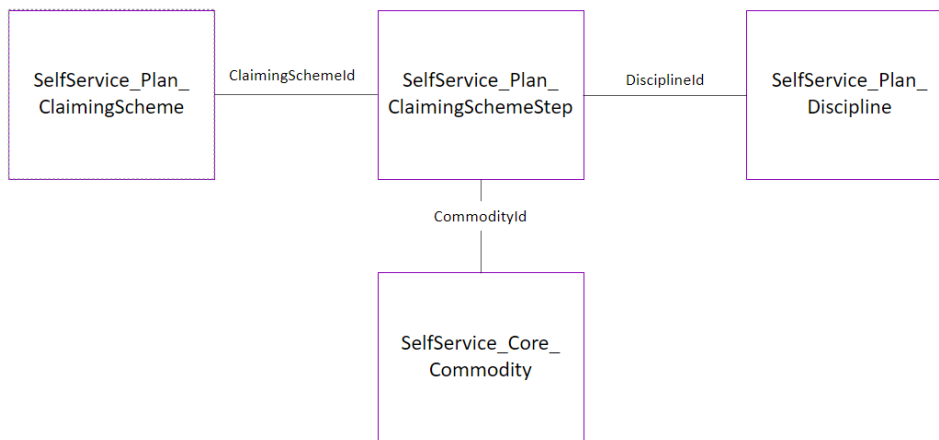
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## Overview

This API has information regarding the steps within the claiming scheme for components.

## Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality <sup>1</sup>	Comment
<b>SelfService_Plan_ClaimingSchemeStep (CSS)</b>	SelfService_Plan_ClaimingScheme (CS)	CS.ClaimingSchemeId = CSS.ClaimingSchemeId	M:1	Claiming scheme
<b>SelfService_Plan_ClaimingSchemeStep (CSS)</b>	SelfService_Plan_Discipline (D)	D.DisciplineId = CSS.DisciplineId	M:1	Discipline
<b>SelfService_Plan_ClaimingSchemeStep (CSS)</b>	SelfService_Core_Commodity (C)	C.CommodityId = CSS.CommodityId	M:1	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
Average Payload Size	Depends on date range selected
APIM URL	<a href="https://api.ineight.com/reporting/v1/{tenantKey}/odata/SelfService_Plan_ClaimingSchemeStep">https://api.ineight.com/reporting/v1/{tenantKey}/odata/SelfService_Plan_ClaimingSchemeStep</a>
Replicate View	SelfService.vwPlanClaimingSchemeStep
Data Refresh/Delta/Incremental Loads	Data refresh within ~ 20 minutes. This API must be run as a full refresh each time.
Project Suite	22.12
<b>Starting Release</b>	

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

Ending  
Release

## Supported Filters

All default OData filters are supported by this API.

## Fields

Name	Type	CharMaxLength	NumericPrecision	DatePrecision	Product	PK
<b>ClaimingSchemeStepId</b>	Bigint	NULL	19	NULL	Plan	X
<b>ClaimingSchemeId</b>	Bigint	NULL	19	NULL	Plan	
<b>ProjectId</b>	Bigint	NULL	19	NULL	Core	
<b>ParentClaimingSchemeId</b>	Bigint	NULL	19	NULL	Plan	
<b>ClaimingSchemeName</b>	Nvarchar	100	NULL	NULL	Plan	
<b>DisciplineId</b>	Bigint	NULL	19	NULL	Core	
<b>DisciplineName</b>	Nvarchar	200	NULL	NULL	Core	
<b>DisciplineDescription</b>	Nvarchar	250	NULL	NULL	Core	
<b>CommodityId</b>	Bigint	NULL	19	NULL	Core	
<b>CommodityName</b>	Nvarchar	100	NULL	NULL	Core	
<b>CommodityDescription</b>	Nvarchar	250	NULL	NULL	Core	
<b>ClaimingSchemeLevelId</b>	Bigint	NULL	19	NULL	Plan	
<b>ComponentLevelName</b>	Varchar	10	NULL	NULL	Plan	
<b>StepName</b>	Nvarchar	200	NULL	NULL	Plan	
<b>StepPercentage</b>	Int	NULL	10	NULL	Plan	
<b>StepSequence</b>	Int	NULL	10	NULL	Plan	
<b>IsClaimAssociated</b>	Bit	NULL	NULL	NULL	Plan	
<b>RuleType</b>	Smallint	NULL	5	NULL	Plan	
<b>RuleTypeDescription</b>	Nvarchar	200	NULL	NULL	Plan	
<b>StepActivityGroupElementId</b>	Bigint	NULL	19	NULL	Plan	
<b>StepActivityGroupId</b>	Bigint	NULL	19	NULL	Plan	
<b>StepActivityGroupElementCode</b>	Nvarchar	50	NULL	NULL	Plan	
<b>StepActivityGroupElementName</b>	Nvarchar	50	NULL	NULL	Plan	
<b>ActivitySegmentFormatId</b>	Bigint	NULL	19	NULL	Plan	
<b>ActivitySegmentFormatName</b>	Nvarchar	50	NULL	NULL	Plan	
<b>ModifiedDate</b>	Datetimeoffset	NULL	NULL	7	Plan	
<b>IsActive</b>	Bit	NULL	NULL	NULL	Plan	

## Field Descriptions

Name	Description	Example
<b>ClaimingSchemeStepId</b>	System generated code for the step within a claiming scheme	526923
<b>ClaimingSchemeId</b>	System generated code for the claiming scheme	231258

<b>ProjectId</b>	System generated code assigned to projects	1
<b>ParentClaimingSchemeId</b>	System generated code intended to link parent and child claiming schemes	5560
<b>ClaimingSchemeName</b>	Text name assigned to claiming scheme	Demolition
<b>DisciplineId</b>	System generated code assigned to disciplines in plan and progress	26
<b>DisciplineName</b>	Text name of discipline	Piping
<b>DisciplineDescription</b>	Text description of discipline	Design Engineering
<b>CommodityId</b>	Unique identifier associated to a commodity	26
<b>CommodityName</b>	Text name associated to a commodity	Mechanical Equipment
<b>CommodityDescription</b>	Text description given to a commodity	Support
<b>ClaimingSchemeLevelId</b>	Level of the claiming scheme the step falls in	1
<b>ComponentLevelName</b>	Text name assigned to the level of the component	Commodity
<b>StepName</b>	The name of the claiming scheme step	Pre-Fabrication
<b>StepPercentage</b>	The percentage of the claiming scheme step	100
<b>StepSequence</b>	The order of the claiming scheme step in regards to the claiming scheme	1
<b>IsClaimAssociated</b>		0
<b>RuleType</b>	The system generated code for the claiming scheme step	583
<b>RuleTypeDescription</b>	The text that describes the rule of the claiming scheme step	Construction Step
<b>StepActivityGroupElementId</b>	Unique identifier associated to the activity group element	7
<b>StepActivityGroupId</b>	Unique identifier associated to the activity group	5
<b>StepActivityGroupElementCode</b>	Text code assigned to the step activity group element	IN
<b>StepActivityGroupElementName</b>	Text name given to the step activity group element	Install
<b>ActivitySegmentFormatId</b>	Unique identifier associated to the Activity Segment Format	13
<b>ActivitySegmentFormatName</b>	Text name given to the to the Activity Segment Format	Discipline/Turnover
<b>ModifiedDate</b>	The date the record was created or changed	2020-02-19 10:46:58.4400000 +00:00
<b>IsActive</b>	Indicates if the record is active or has been soft deleted	

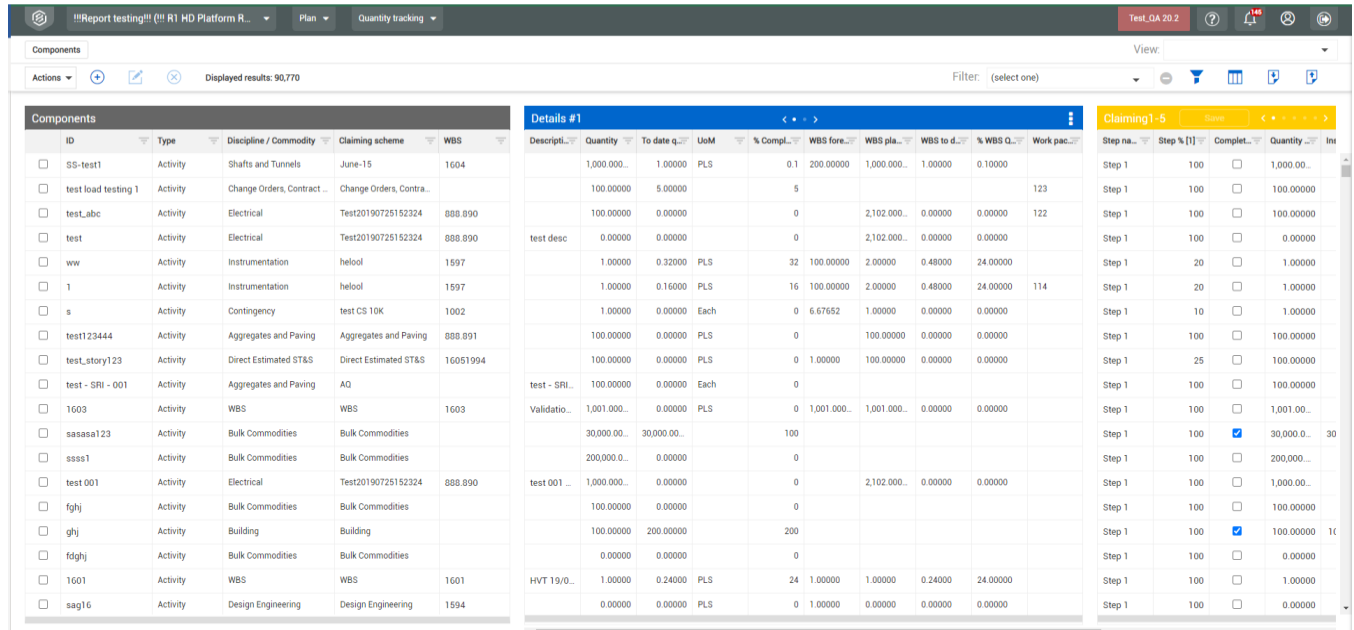
## Sample

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

}

## Data Validation

This data can be validated in Plan > Quantity Tracking:



Components					Details #1										Claiming1-5				
ID	Type	Discipline / Commodity	Claiming scheme	WBS	Descript...	Quantity	To date q...	UoM	% Compl...	WBS fore...	WBS pla...	WBS to d...	% WBS Q...	Work pac...	Step na...	Step % [1]	Comple...	Quantity ...	Ins
SS-test1	Activity	Shafts and Tunnels	June-15	1604		1,000,000	1.00000	PLS	0.1	200,00000	1,000,000	1,00000	0.10000		Step 1	100	<input type="checkbox"/>	1,000,000	
test load testing 1	Activity	Change Orders, Contract...	Change Orders, Contra...			100,00000	5.00000		5					123	Step 1	100	<input type="checkbox"/>	100,00000	
test_abc	Activity	Electrical	Test20190725152324	888.890		100,00000	0.00000		0	2,102,000	0.00000	0.00000	122	Step 1	100	<input type="checkbox"/>	100,00000		
test	Activity	Electrical	Test20190725152324	888.890	test desc	0.00000	0.00000		0	2,102,000	0.00000	0.00000		Step 1	100	<input type="checkbox"/>	0.00000		
ww	Activity	Instrumentation	helool	1597		1,000,000	0.32000	PLS	32	100,00000	2,00000	0.48000	24,00000	Step 1	20	<input type="checkbox"/>	1,000,000		
1	Activity	Instrumentation	helool	1597		1,000,000	0.16000	PLS	16	100,00000	2,00000	0.48000	24,00000	114	Step 1	20	<input type="checkbox"/>	1,000,000	
s	Activity	Contingency	test CS 10K	1002		1,000,000	0.00000	Each	0	6.67652	1,00000	0.00000	0.00000	Step 1	10	<input type="checkbox"/>	1,000,000		
test123444	Activity	Aggregates and Paving	Aggregates and Paving	888.891		100,00000	0.00000	PLS	0	100,00000	0.00000	0.00000		Step 1	100	<input type="checkbox"/>	100,00000		
test_story123	Activity	Direct Estimated ST&S	Direct Estimated ST&S	16051994		100,00000	0.00000	PLS	0	1,000,000	100,00000	0.00000	0.00000	Step 1	25	<input type="checkbox"/>	100,00000		
test - SRI - 001	Activity	Aggregates and Paving	AG		test - SRI	100,00000	0.00000	Each	0					Step 1	100	<input type="checkbox"/>	100,00000		
1603	Activity	WBS	WBS	1603	Validatio...	1,001,000	0.00000	PLS	0	1,001,000	1,001,000	0.00000	0.00000	Step 1	100	<input type="checkbox"/>	1,001,000		
sasasa123	Activity	Bulk Commodities	Bulk Commodities			30,000.00	30,000.00		100					Step 1	100	<input checked="" type="checkbox"/>	30,000.00	30	
ssss1	Activity	Bulk Commodities	Bulk Commodities			200,000.00	0.00000		0					Step 1	100	<input type="checkbox"/>	200,000.00		
test 001	Activity	Electrical	Test20190725152324	888.890	test 001	1,000,000	0.00000		0	2,102,000	0.00000	0.00000		Step 1	100	<input type="checkbox"/>	1,000,000		
fghj	Activity	Bulk Commodities	Bulk Commodities			100,00000	0.00000		0					Step 1	100	<input type="checkbox"/>	100,00000		
ghj	Activity	Building	Building			100,00000	200,00000		200					Step 1	100	<input checked="" type="checkbox"/>	100,00000	10	
fdghj	Activity	Bulk Commodities	Bulk Commodities			0.00000	0.00000		0					Step 1	100	<input type="checkbox"/>	0.00000		
1601	Activity	WBS	WBS	1601	HVT 19/0...	1,000,000	0.24000	PLS	24	1,000,000	1,000,000	0.24000	24,00000	Step 1	100	<input type="checkbox"/>	1,000,000		
sag16	Activity	Design Engineering	Design Engineering	1594		0.00000	0.00000	PLS	0	1,000,000	0.00000	0.00000	0.00000	Step 1	100	<input type="checkbox"/>	0.00000		

**Edit activity component** 0.1%

CLAIMING      CLAIMING HISTORY      COMPONENT DETAILS

Step	% Cl.	Com...	Date	Quantity	Install qty	This perio...	UoM	Qty joi...
Step 1	100	<input type="checkbox"/>	06/17/2020	1,000,000...	1,00000	0.00000	PLS	<input checked="" type="checkbox"/>

Approver:

Executor:

Notes: