



# Explore API Documentation

## SelfService\_Schedule\_ScheduleResourceCategory

Version 1.0

Last Modified: 5/15/2023

Last Modified By: Kimo Pickering



## 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	5/15/2023	Initial Draft	Kimo Pickering

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## Overview

One of the APIs that make up the Schedule Resource entity is the SelfService\_Schedule\_ScheduleResourceCategory endpoint. The ScheduleResourceCategory table contains values that serve as foreign key lookups for the ScheduleResource table. These values, set by users while creating resources, categorize the resources. There are typically three types of resource categories, with Knowledge Base Administrators having the ability to create custom categories in the Schedule application's Knowledge Base:

- Labor
- Non-Labor
- Material
- Custom category

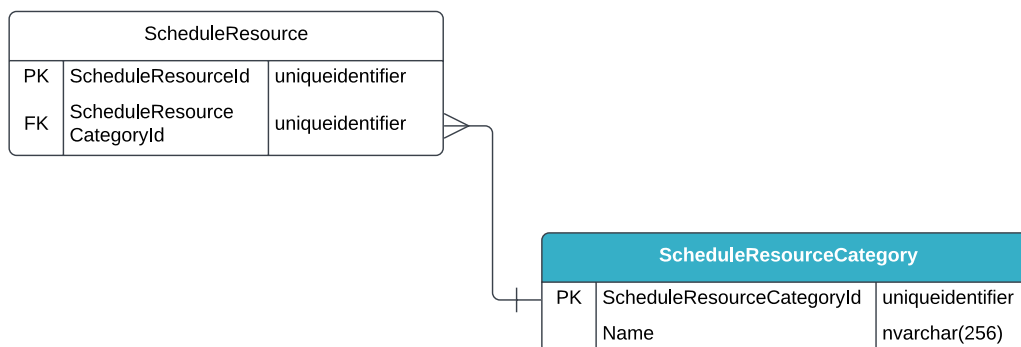
## Relationships and Dependencies

From: Table <sup>1</sup>	To: Table <sup>1</sup>	Relationship	Cardinality <sup>2</sup>
ScheduleResource(SR)	ScheduleResourceCategory(SRCAT)	SR.ScheduleResourceCategoryId : SRCAT.ScheduleResourceCategoryId	M:1

<sup>1</sup> Prefix table name with "SelfService\_Schedule\_" and exclude table abbreviation for queries (e.g., SelfService\_Schedule\_ScheduleResourceCategory)

<sup>2</sup> 1:M = One to Many, 1:1 = One to One, M:1 = Many to one

Figure 1. SelfService\_Schedule\_ScheduleResourceCategory ER Diagram



## 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 Name	SelfService_Schedule_ScheduleResourceCategory	
Data Refresh/Delta/Incremental Loads	This API will only refresh once per day	
Project Suite	<b>Starting Version</b>	23.8
	<b>Ending Version</b>	N/A

## Supported Filters

All default OData filters are supported by this API.

## Fields

Name	Type	Char Max Length	Numeric Precision	Required?	Key?
ScheduleResourceCategoryId	uniqueidentifier	16	0	Y	P
Name	nvarchar(256)	256	0	Y	
IsSystem	bit	1	1	Y	
CreatedById	bigint	19	19	N	
CreatedDate	datetimeoffset	10	34	N	
ModifiedById	bigint	19	19	N	
ModifiedDate	datetimeoffset	10	34	N	
RowVersion	Bigint	Null	Null	Null	Y

## Field Descriptions

Name	Description	Example(s)
ScheduleResourceCategoryId	A unique identifier assigned to a Resource Category. Not visible in the interface.	fc6d9dd9-20d4-4022-9fc3-c43d5a655113
Name	The name of the Resource Category. Options include labor, non-labor, material, and custom.	Labor
IsSystem	Indicates if the Resource Category was obtained from the application's Knowledge Base library. 0 = False, 1 = True.	0
CreatedById	The unique identifier of the user who created the item. Not visible in the Interface.	85136477
CreatedDate	Date/timestamp the item is created.	2020-01-17 15:28.000 + 00.00
ModifiedById	The unique identifier of the user who modified the item. Not visible in the Interface.	29834765
ModifiedDate	Date/timestamp the item was modified.	2020-05-29 16:45.916 + 00.00
RowVersion	An indicator if a row has been updated. if this value is greater than the stored value, then update record.	54582065

## Sample

[https://\[tenant\].hds.ineight.com/reportwebservices/odata/SelfService\\_Schedule\\_ScheduleResourceCategory](https://[tenant].hds.ineight.com/reportwebservices/odata/SelfService_Schedule_ScheduleResourceCategory)

```
{"ScheduleResourceCategoryId":{"ScheduleResourceCategoryId":"fc6d9dd9-20d4-4022-9fc3-c43d5a655113",", {"Name":{"Name":"Labor",", {"IsSystem":{"IsSystem":"0",", {"CreatedBy":{"CreatedBy":"85136477",", {"CreatedDate":"2020-01-17 15:28.000 + 00.00", {"ModifiedBy":{"ModifiedBy":"29834765",", {"ModifiedDate":"2020-05-29 16:45.916 + 00.00"}}
```

## Data Validation

Schedule Resource Category types are created in the application's Knowledge Base. Categories are assigned to resources when the resources are created in the Schedule Configuration view. See Figures 2, 3, and 4 below.

Figure 2. Schedule > Knowledge Base > Resources tab > Categories tab > Add Category

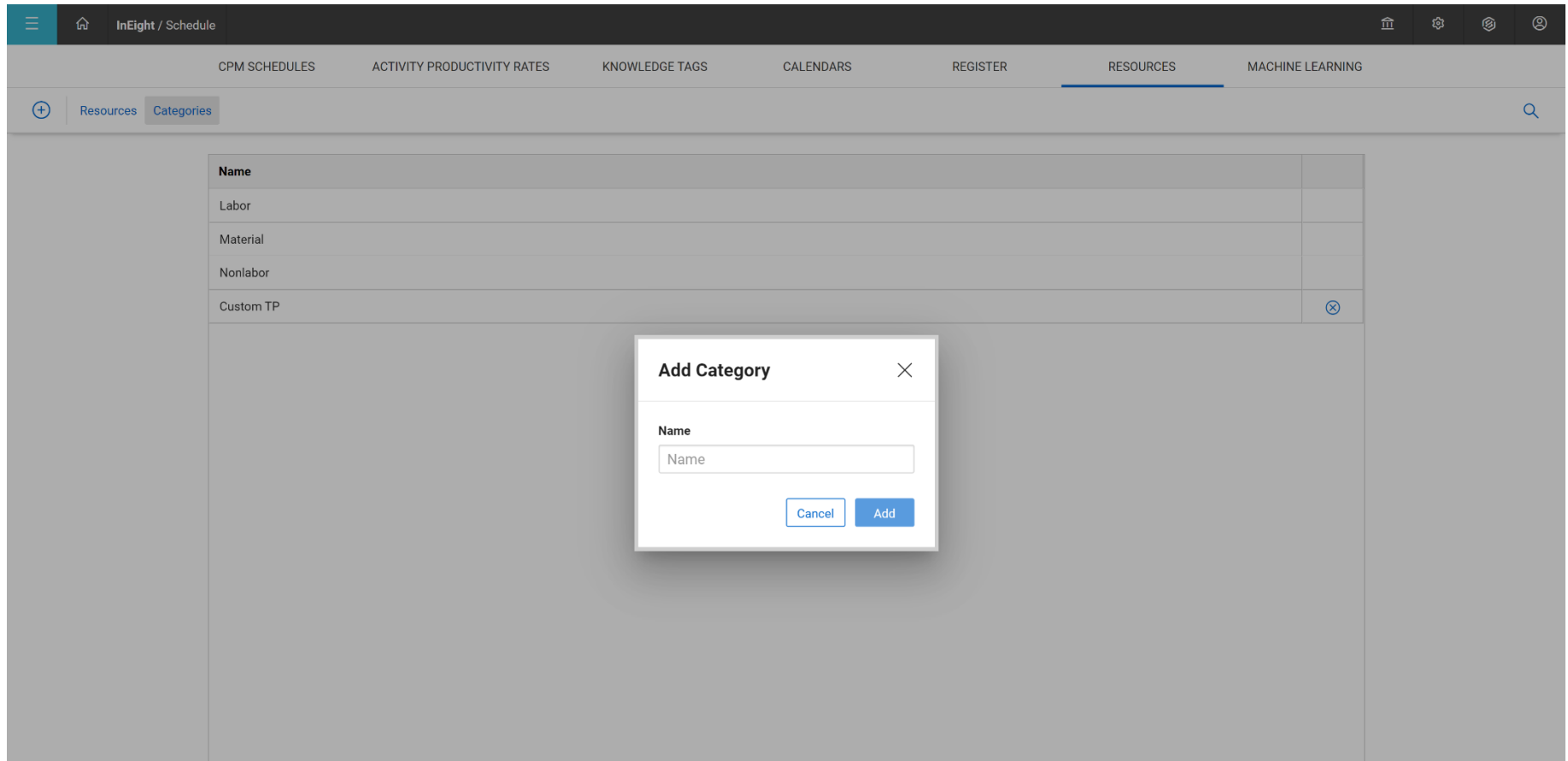


Figure 3. Schedule &gt; Schedule Configuration view &gt; Resources tab

ID	Name	Category	Color	UoM	Default Units/d	Cost/Unit	Assignments	
0100	Home Office	Labor	Blue	Hours	8.00	0	0	⊗
10.02	Engineering	Labor	Blue	Hours	8.00	388.63	1	⊗
10.04.01	Mobilization	Labor	Pink	Hours	8.00	369.79	1	⊗
10.04.02	Utility Relocations	Labor	Red	Hours	8.00	1116.12	1	⊗
10.04.03	Site Preparation	Labor	Olive	Hours	8.00	88.81	1	⊗
10.04.03.01L	Clear/ Grub/ Demo Exist Structures	Labor	Teal	Hours	8.00	407.44	1	⊗
10.04.03.02L	MOT	Labor	Cyan	Hours	8.00	428.08	1	⊗
10.04.05	Grading	Labor	Gold	Hours	8.00	324.85	1	⊗
10.04.05.01L	Exc to Embank - Labor	Labor	Brown	Hours	90.00	50.00	3	⊗
10.04.05.01E	Exc to Embank - Equip.	Equipment Hrs	Cyan	Hours	64.00	205.00	2	⊗
10.04.05.02L	Drill & Shoot Crew	Labor	Gold	Hours	30.00	48.00	4	⊗
10.04.05.03	Walls	Labor	Green	Hours	8.00	231.21	1	⊗
10.04.05.03.01L	CIP Walls	Labor	Green	Hours	8.00	96.56	1	⊗
10.04.05.03.02L	MSE Walls	Labor	Purple	Hours	8.00	198.37	2	⊗
10.04.05.08	Drainage	Labor	Teal	Hours	8.00	183.01	1	⊗
10.04.07	Bridges	Labor	Light Green	Hours	8.00	229.82	1	⊗
10.04.08	Soundwalls	Labor	Dark Green	Hours	8.00	605.78	1	⊗





Figure 4. Schedule > Schedule Configuration view > Resources tab > Add Resource

InEight | KMP2 / Schedule / 01-US-10 DB / Schedule Configuration

GENERAL CONTRIBUTORS KNOWLEDGE TAGS CALENDARS RESOURCES SIP RESOURCES

ID	Name	Category	Color	UoM	Default Units/d	Cost/Unit	Assignments
0100	Home Office	Labor	Blue	Hours	8.00	0	0
10.02	Engineering	Labor	Blue	Hours	8.00	388.63	1
10.04.01	Mobilization	Labor	Purple	Hours	8.00	369.79	1
10.04.02	Utility Relocations					1116.12	1
10.04.03	Site Preparation					88.81	1
10.04.03.01L	Clear/ Grub/ Demo Exist Structures					407.44	1
10.04.03.02L	MOT					428.08	1
10.04.05	Grading					324.85	1
10.04.05.01L	Exc to Embank - Labor	Labor		Hours		50.00	3
10.04.05.01E	Exc to Embank - Equip.					205.00	2
10.04.05.02L	Drill & Shoot Crew					48.00	4
10.04.05.03	Walls					231.21	1
10.04.05.03.01L	CIP Walls					96.56	1
10.04.05.03.02L	MSE Walls					198.37	2
10.04.05.08	Drainage					183.01	1
10.04.07	Bridges					229.82	1
10.04.08	Soundwalls	Labor	Green	Hours	8.00	605.78	1

**Add Resource**

ID:

Name:

**Category:** Labor

Unit:

Default Units/d:

Cost/Unit:

Color assignment:

[view more colors](#)