



Explore API Documentation

SelfService_Schedule_ScheduleActivityUserDefinedFieldValue

Version 1.0

Last Modified: 4/10/2023

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	4/10/2023	Initial Draft	Kimo Pickering

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Overview

The SelfService_Schedule_ScheduleActivityUserDefinedFieldValue API is one of multiple APIs comprising the data contained in the Schedule Activity entity.

The SelfService_Schedule_ScheduleActivityUserDefinedFieldValue table contains the custom Activity User Defined Field values that have been created in the Knowledge Tags section of the Schedule Configuration area. These UDFs have been assigned or are ready to be assigned to individual schedule activities. Unlike the Activity Code value that has pre-defined values to choose from, the Activity User Defined Field value is entered manually by the user each time it is assigned to a schedule activity in the Plan view.

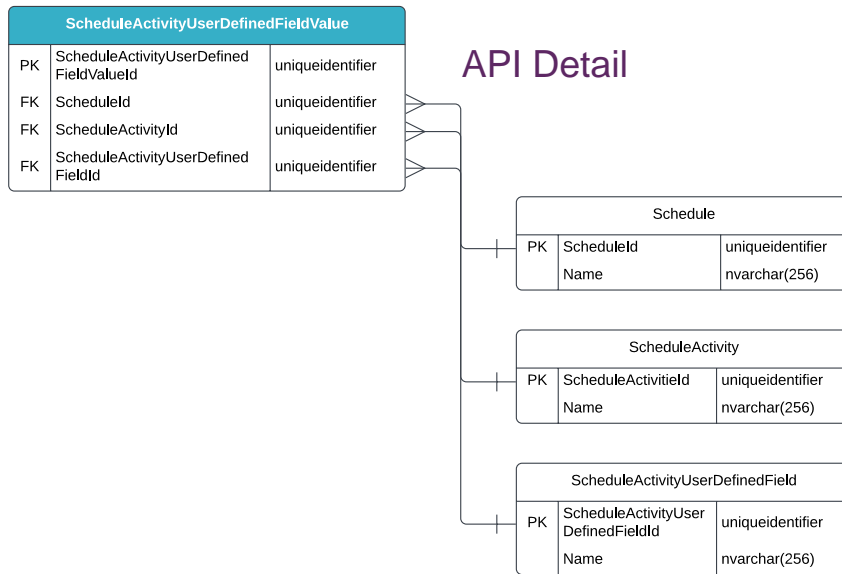
Relationships and Dependencies

From: Table ¹	To: Table ¹	Relationship	Cardinality ²	Comment
ScheduleActivityUserDefinedFieldValue(SAUDFV)	Schedule(S)	SAUDFV.ScheduleId : S.ScheduleId	M:1	
ScheduleActivityUserDefinedFieldValue(SAUDFV)	ScheduleActivity(SA)	SAUDFV.ScheduleActivityId : SA.ScheduleActivityId	M:1	
ScheduleActivityUserDefinedFieldValue(SAUDFV)	ScheduleActivityUserDefinedField(SAUDF)	SAUDFV.ScheduleActivityUserDefinedFieldId : SAUDF.ScheduleActivityUserDefinedFieldId	M:1	

¹ Prefix table name with "SelfService_Schedule_" and exclude table abbreviation for queries (e.g., SelfService_Schedule_ScheduleActivityUserDefinedFieldValue)

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

Figure 1. SelfService_Schedule_ScheduleActivityUserDefinedFieldValue ER Diagram



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_ScheduleActivityUserDefinedFieldValue	
Data Refresh/Delta/Incremental Loads	The data in this API will only refresh once per day	
Project Suite	Starting Version	23.6
	Ending Version	N/A

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	Char Max Length	Numeric Precision	Scale	Required?	Product	P K
ScheduleActivityUserDefinedFieldValued	uniqueidentifier	16	0		Y		P
ScheduleId	uniqueidentifier	16	0		Y		F
ScheduleActivityId	uniqueidentifier	16	0		Y		F
ScheduleActivityUserDefinedFieldId	uniqueidentifier	16	0		Y		F
TextValue	nvarchar(256)	256	0		N		
NumberValue	decimal(16,5)	8	16	5	N		
DateValue	Datetime2	8	27	7	N		

Field Descriptions

Name	Description	Example(s)
ScheduleActivityUserDefinedFieldValued	A unique identifier assigned to an Activity User Defined Field Value. Not visible in the interface.	1fd84018-6633-4599-bcd3-6ad8b54d7885
ScheduleId	A unique identifier assigned to each schedule record in the table. Formerly known as the Project Id.	9a6580af-2695-4d45-9aaa-bbc69722bb32
ScheduleActivityId	A unique identifier assigned to each schedule activity. Not visible in the interface.	e67ebc1d-659c-48f2-a8e5-11f4332186b1
ScheduleActivityUserDefinedFieldId	A unique identifier assigned to an Activity User Defined Field. Not visible in the interface.	95833026-3eef-453b-a02a-426a9736b471
TextValue	The value of the Activity User Defined Field with a text data type.	Sta. 1024+35
NumberValue	The value of the Activity User Defined Field with a number data type.	77.25
DateValue	The value of the Activity User Defined Field with a date/time data type.	2023-03-24 08:17:37.278

Sample

```
{"ScheduleActivityUserDefinedFieldValueId":"1fd84018-6633-4599-bcd3-6ad8b54d7885",  
"ScheduleId":"9a6580af-2695-4d45-9aaa-bbc69722bb32",  
"ScheduleActivityId":"e67ebc1d-659c-48f2-a8e5-11f4332186b1",  
"ScheduleActivityUserDefinedFieldId":"95833026-3eef-453b-a02a-426a9736b471",  
"TextValue":"Sta. 1024+35",  
"NumberValue":"77.25",  
"DateValue":"2023-03-24 08:17.278"}
```

Data Validation

This data can be validated by navigating to the InEight Schedule application, opening a project schedule, select the Plan view, select the Select View Template icon, then selecting any custom User Defined Field from the available columns panel to add to the Activities table.

Figure 2. Schedule > Open a schedule > Plan view > Select View Template icon > Add columns for UDF/Activity Codes > values

The screenshot displays the InEight Schedule application interface. The main view is a Gantt chart showing project activities over time from 2015 to 2020. A table on the left lists activities with columns for ID, Description, Actions, ID, Start Date, Finish Date, Remaining Duration, TlucStartStation, TlucEndStation, Resources, and Resource Assignments. A red box highlights the 'TlucStartStation' and 'TlucEndStation' columns. A 'Select View Template' dialog box is open, showing a list of available columns for selection, including 'UDF - Description', 'UDF - ID', 'UDF - Start Date', 'UDF - Finish Date', 'UDF - Remaining Duration', 'UDF - Resources', 'UDF - Resource Assignments', 'UDF - TlucStartStation', and 'UDF - TlucEndStation'. The 'UDF - TlucStartStation' and 'UDF - TlucEndStation' columns are selected in the dialog.

ID	Description	Actions	ID	Start Date	Finish Date	Remaining Duration	TlucStartStation	TlucEndStation	Resources	Resource Assignments
A3242	Construct Soil Nail Wall EB Access Rd. East	...	A3242	18 Jul 2018	12 Sep 2018	40				
SMF-1.04.05.03.02	MSE Walls	...	SMF-1.04.05.03.02	19 Apr 2017	24 Apr 2019	511				
A10240	Construct MSE Walls 63rd Ave.	...	A10240	19 Apr 2017	24 Apr 2017	5	7,287+45	7,288+14		
A16160	MSE Walls Cost	...	A16160	19 Apr 2017	24 Apr 2019	511			202.04.05.03.02	
A5800	Construct MSE Walls 40th St. Bridge	...	A5800	3 May 2017	23 May 2017	15	2,078+02	2,081+22		
A7390	Construct MSE Walls Dobbins Rd. OP	...	A7390	10 May 2017	7 Jun 2017	20	2,818+18	2,819+55		
A7360	Construct MSE Walls 51st Ave OP	...	A7360	6 Jun 2017	30 Jun 2017	19	2,662+67	2,667+38		
A13900	Construct MSE Walls NW over WS, HOV, & EB	...	A13900	13 Jun 2017	3 Jul 2017	15	7,313+63	7,318+12		
A7350	Construct MSE Walls Fretella Dr. OP	...	A7350	10 Nov 2017	11 Dec 2017	20	2,096+31	2,100+33		
A7620	Construct MSE Walls Baseline Rd.	...	A7620	20 Nov 2017	19 Dec 2017	20	2,870+16	2,873+25		
A7750	Construct MSE Walls RIO Canal OP	...	A7750	11 Dec 2017	25 Jan 2018	31	3,336+42	3,337+77		
A3828	Construct Walls Ramp ES Ph 1B -2A	...	A3828	28 Nov 2017	27 Jan 2018	9	7,312+15	7,313+93		
A3829	Construct MSE Walls Broadway Rd.	...	A3829	28 Nov 2017	24 Feb 2018	15	2,984+66	2,987+62		
A7950	Construct MSE Walls Ramp WS Ph 1B	...	A7950	28 Nov 2017	28 Nov 2017	10	7,322+59	7,324+62		
A4008	Construct MSE Walls Ramp FS Ph 1B - 3A	...	A4008	28 Nov 2017	28 Nov 2017	15	7,312+15	7,315+63		
A7550	Construct MSE Walls Ramp NW Ph 1B	...	A7550	28 Nov 2017	28 Nov 2017	10	7,312+63	7,318+12		
A3827	Construct MSE Walls Ramp HOV Ramp Ph 1B	...	A3827	28 Nov 2017	28 Nov 2017	10	7,325+90	7,326+75		
A4009	Construct MSE Walls Southern Ave. 1 IOP	...	A4009	28 Nov 2017	28 Nov 2017	20	2,922+62	2,922+92		
A4010	Construct MSE Walls Filbert Rd. T1OP	...	A4010	28 Nov 2017	28 Nov 2017	15	2,764+35	2,765+33		
A4011	Construct Walls Ramp ES Ph 3A	...	A4011	28 Nov 2017	28 Nov 2017	40	7,312+15	7,313+93		
A4012	Construct MSE Walls 24th St.	...	A4012	28 Nov 2017	28 Nov 2017	17	2,185+14	2,187+74		
A4013	Construct MSE Walls Buckeye Rd.	...	A4013	28 Nov 2017	28 Nov 2017	30	3,363+41	3,363+82		
A4014	Construct MSE Walls Multi-Use #5	...	A4014	28 Nov 2017	28 Nov 2017	15	2,050+31	2,053+27		