



Explore API Documentation

SelfService_Schedule_ScheduleWorkBreakdownStructureUserDefinedField

Version 1.0

Last Modified: 4/12/2023

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	4/12/2023	Initial Draft	Kimo Pickering

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Overview

The SelfService_Schedule_ScheduleWorkBreakdownStructureUserDefinedField API is one of multiple APIs comprising the data contained in the Schedule Code/UDF entity. The SelfService_Schedule_ScheduleWorkBreakdownStructureUserDefinedField table contains the custom Schedule Work Breakdown Structure (WBS) User Defined Fields (tags) that have been assigned or are ready to be assigned to WBS activities in a Project's schedule. The Work Breakdown Structure User Defined Field data type is selected by the user when it is created. Unlike a Project Code value with pre-defined values to choose from, the Work Breakdown Structure User Defined Field value is manually entered by the user each time it is assigned to a WBS activity.

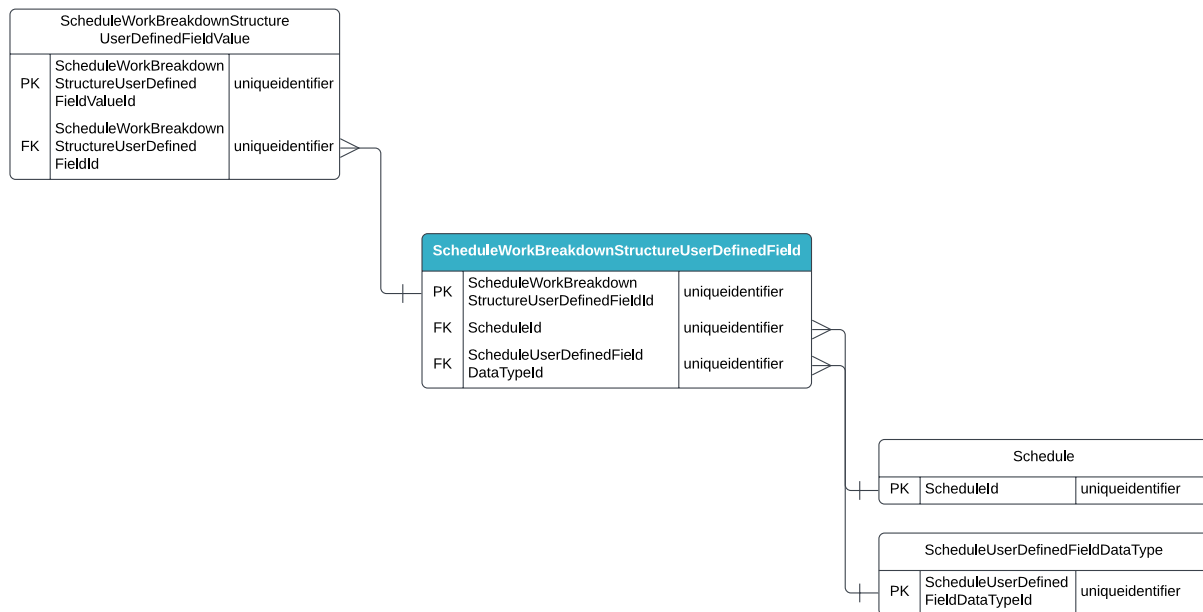
Relationships and Dependencies

From: Table ¹	To: Table ¹	Relationship	Cardinality ²	Comment
ScheduleWorkBreakdownStructureUserDefinedFieldValue(SWBSUDFV)	ScheduleWorkBreakdownStructureUserDefinedField(SWBSUDF)	SWBSUDFV.ScheduleWorkBreakdownStructureUserDefinedFieldId : SWBSUDF.ScheduleWorkBreakdownStructureUserDefinedFieldId	M:1	
ScheduleWorkBreakdownStructureUserDefinedField(SWBSUDF)	Schedule(S)	SWBSUDF.ScheduleId : S.ScheduleId	M:1	
ScheduleWorkBreakdownStructureUserDefinedField(SWBSUDF)	ScheduleUserDefinedFieldDataType(SUDFDT)	SWBSUDF.ScheduleUserDefinedFieldDataTypeId : SUDFDT.ScheduleUserDefinedFieldDataTypeId	M:1	

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

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

Figure 1. SelfService_Schedule_ScheduleWorkBreakdownStructureUserDefinedField 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_ScheduleWorkBreakdownStructureUserDefinedField	
Data Refresh/Delta/Incremental Loads	The data in this API will only refresh once per day	
Project Suite	Starting Version	23.10
	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 ?	PK	
ScheduleWorkBreakdownStructureUserDefinedFieldId	uniqueidentifier	16	0		Y	P	
ScheduleId	uniqueidentifier	16	0		N	F	
Name	nvarchar(256)	256	0		Y		
ScheduleUserDefinedFieldDataTypeId	uniqueidentifier	16	0		Y	F	
RowVersion	Bigint	Null	Null	Null	Y		

Field Descriptions

Name	Description	Example(s)
ScheduleWorkBreakdownStructureUserDefinedFieldId	A unique identifier assigned to a Schedule Work Breakdown Structure User Defined Field (UDF) Value. Not visible in the interface.	add58206-55dc-49e5-bc61-da0f5d7e2572
ScheduleId	A unique identifier assigned to each schedule record in the table. Formerly known as the Project Id.	2cc2e130-e583-499d-9ba0-8435d15e4c32
Name	The name of the Work Breakdown Structure User Defined Field.	Functional Area
ScheduleUserDefinedFieldDataTypeId	A unique identifier assigned to the selected User Defined Field Data Type. Not visible in the interface.	94dd9fc5-f37c-4d13-87bb-f802c134284f
RowVersion	An indicator if a row has been updated. if this value is greater than the stored value, then update record.	54582065

Sample

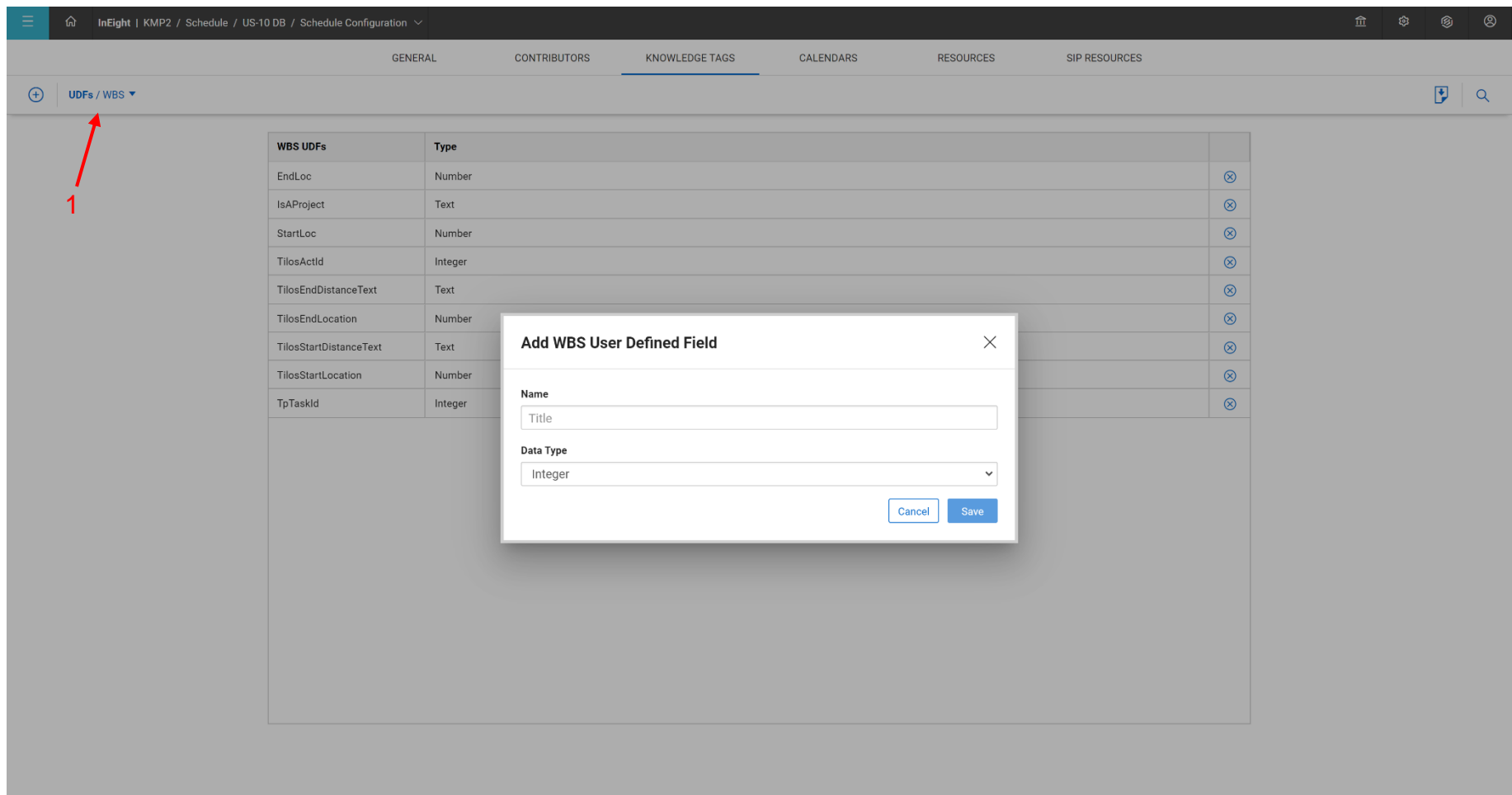
SelfService_Schedule_ScheduleWorkBreakdownStructureUserDefinedField

```
{ "ScheduleWorkBreakdownStructureUserDefinedFieldId": "add58206-55dc-49e5-bc61-da0f5d7e2572",
  "ScheduleId": "2cc2e130-e583-499d-9ba0-8435d15e4c32",
  "Name": "Functional Area",
  "ScheduleUserDefinedFieldDataTypeId": "94dd9fc5-f37c-4d13-87bb-f802c134284f" }
```

Data Validation

The Work Breakdown Structure (WBS) User Defined Fields (UDF) created for a project schedule can be found by opening a schedule, navigating to the Schedule Configuration view, selecting the Knowledge Tags tab, then selecting WBS under the UDFs section from the dropdown menu shown in blue text (1) in the image below. This is where Work Breakdown Structure User Defined Fields can be created, edited, or deleted for a project schedule. These UDFs and values can only be assigned to WBS activities from the schedule's Iris pane in the Plan view.

Figures 2. Schedule > Schedule Configuration > Knowledge Tags > UDFs/WBS > add/edit WBS User Defined Field



The screenshot displays the InEight Schedule Configuration interface. The top navigation bar shows the path: InEight | KMP2 / Schedule / US-10 DB / Schedule Configuration. The main content area has tabs for GENERAL, CONTRIBUTORS, KNOWLEDGE TAGS, CALENDARS, RESOURCES, and SIP RESOURCES. The KNOWLEDGE TAGS tab is active, and the UDFs / WBS dropdown menu is open, indicated by a red arrow and the number 1. The dropdown menu lists several WBS UDFs with their types and delete icons. A modal dialog titled "Add WBS User Defined Field" is open in the foreground, showing a form with a Name field (containing "Title") and a Data Type dropdown menu (set to "Integer"). The dialog has Cancel and Save buttons.

WBS UDFs	Type
EndLoc	Number
IsAPProject	Text
StartLoc	Number
TilosActId	Integer
TilosEndDistanceText	Text
TilosEndLocation	Number
TilosStartDistanceText	Text
TilosStartLocation	Number
TpTaskId	Integer

Add WBS User Defined Field
Name

Data Type

Cancel Save