



Explore API Documentation

SelfService_Schedule_ScheduleActivityCodeValue

Version 1.0

Last Modified: 3/27/2023

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	3/27/2023	Initial Draft	Kimo Pickering

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Overview

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

The SelfService_Schedule_ScheduleActivityCodeValue table contains the list of individual activity code values in an organization’s tenant environment with specific values of the foreign key lookup values stored in the ScheduleActivityResourceCodeValue table and can provide a convenient way to reference data as it appears in the application without needing to look up the foreign key values from a lookup table.

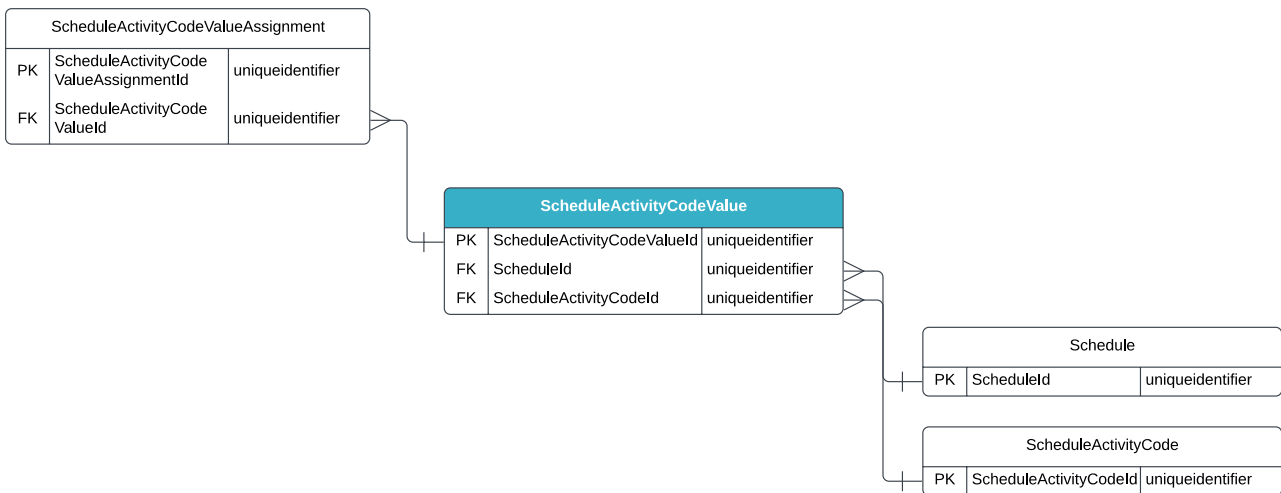
Relationships and Dependencies

From: Table ¹	To: Table ¹	Relationship	Cardinality ²	Comment
ScheduleActivityCode Value(SACDV)	Schedule(S)	SACDV.ScheduleId : S.ScheduleId	M:1	
ScheduleActivityCode Value(SACDV)	ScheduleActivityCode(SACD)	SACDV.ScheduleActivityCodeId : SACD.ScheduleActivityCodeId	M:1	
ScheduleActivityCode ValueAssignment(SAVCDA)	ScheduleActivityCodeValue(SACDV)	SAVCDA.ScheduleActivityCodeValueId : SACDV.ScheduleActivityCodeValueId	M:1	

¹ Prefix table name with “SelfService_Schedule_” and exclude table abbreviation for queries (e.g., SelfService_Schedule_ScheduleActivityCode)

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

Figure 1. SelfService_Schedule_ScheduleActivityCodeValue 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_ScheduleActivityCodeValue	
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	PK
ScheduleActivityCodeValueId	uniqueidentifier	16	0		Y		P
ParentId	uniqueidentifier	16	0		N		F
ScheduleId	uniqueidentifier	16	0		N		F
ScheduleActivityCodeId	nvarchar	128	0		Y		F
ScheduleActivityCodeValue	nvarchar	256	0		Y		
ScheduleActivityCodeValueDescription	nvarchar	256	0		N		
Position	int	4	10		Y		
RowVersion	Bigint	Null	Null	Null	Y	Schedule	

Field Descriptions

Name	Description	Example(s)
ScheduleActivityCodeValueId	The unique identifier assigned to the Activity Code Value. Not visible in the interface.	065e9cf7-ff84-4d39-ba44-69fec30e8bdb
ParentId	The ID of the Activity Code that is the parent of the selected Activity Code Value item.	74a58495-6d8c-402c-915d-dc94433a6473
ScheduleId	Unique identifier assigned to each schedule record in the table. Formerly known as the Project Id.	ababb945-0c50-42fc-88d0-f4d50f79e049
ScheduleActivityCodeId	The unique identifier assigned to the Activity Code. Not visible in the interface.	e67ebc1d-659c-48f2-a8e5-11f4332186b1
ScheduleActivityCodeValue	The value of the project activity code value assigned to the activity. User-defined code to categorize activities to the project's needs.	CON
ScheduleActivityCodeValueDescription	Description of the activity code value.	Concrete
Position	Ranking order assigned to the activity code value when created in the system. Not visible in the interface.	3
RowVersion	An indicator if a row has been updated. If this value is greater than the stored value, then update record.	54582065

Sample

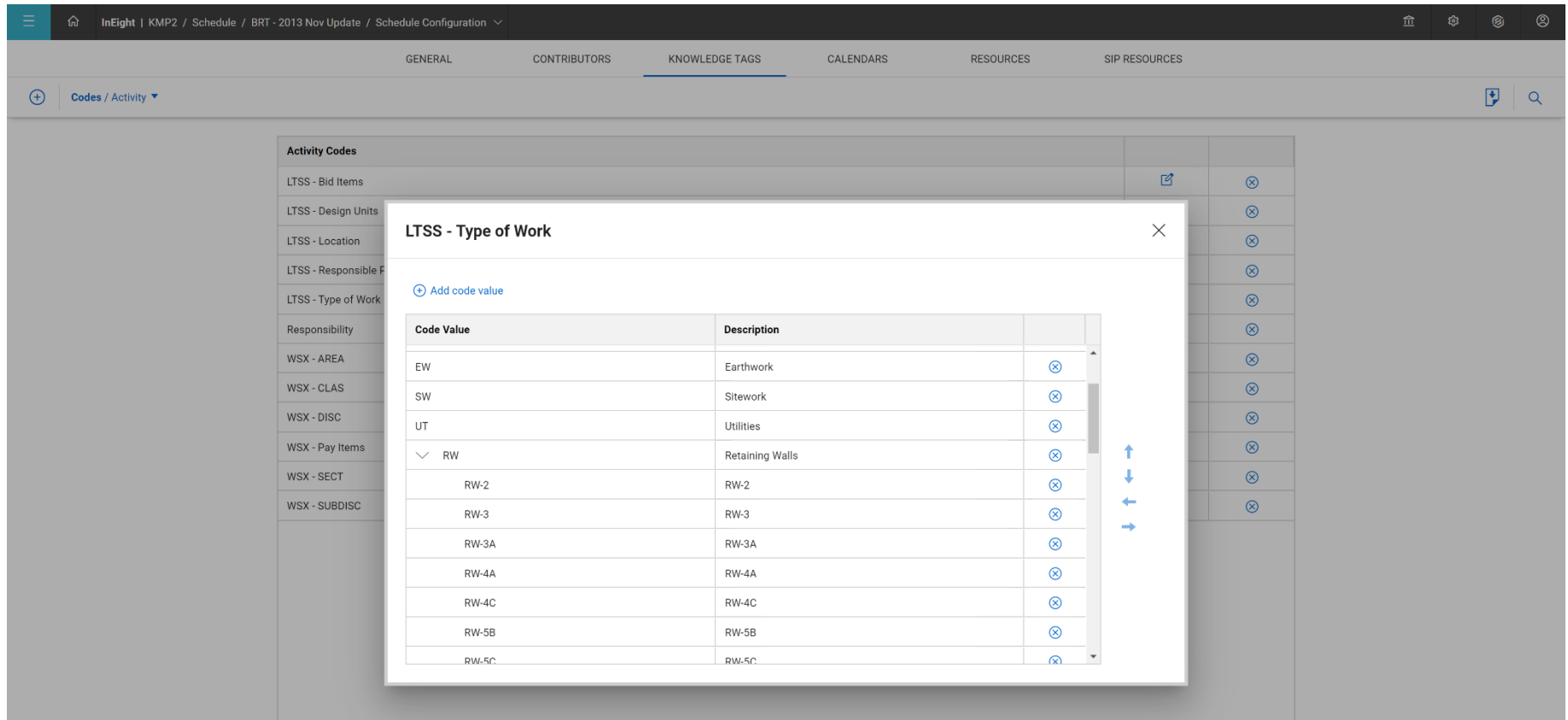
SelfService_Schedule_ScheduleActivityCodeValue

```
{
  "ScheduleActivityCodeValueId": "065e9cf7-ff84-4d39-ba44-69fec30e8bdb",
  "ParentId": "74a58495-6d8c-402c-915d-dc94433a6473",
  "ScheduleId": "ababb945-0c50-42fc-88d0-f4d50f79e049",
  "ScheduleActivityCodeId": "e67ebc1d-659c-48f2-a8e5-11f4332186b1",
  "Value": "CON",
  "Description": "Concrete",
  "Position": "3"
}
```

Data Validation

This data can be validated by navigating to the InEight Schedule application, opening a project schedule, select the Schedule Configuration view, selecting the Knowledge Tags tab, selecting one of the Project Code categories from the drop-down menu, then selecting edit icon for the Activity Code of interest.

Figure 2. Schedule > Open a schedule > Schedule Configuration > Knowledge Tags > Codes / Activity > Edit Activity Code



The screenshot shows the InEight Schedule application interface. The top navigation bar includes 'GENERAL', 'CONTRIBUTORS', 'KNOWLEDGE TAGS', 'CALENDARS', 'RESOURCES', and 'SIP RESOURCES'. The 'KNOWLEDGE TAGS' tab is active. Below the navigation bar, there is a breadcrumb trail: 'Codes / Activity'. A modal dialog titled 'LTSS - Type of Work' is open, displaying a table of activity codes. The table has columns for 'Code Value', 'Description', and an edit icon (a circle with an 'X'). The 'RW' category is expanded, showing sub-categories like RW-2, RW-3, RW-3A, RW-4A, RW-4C, RW-5B, and RW-5C. A vertical scrollbar is visible on the right side of the table, and navigation arrows (up, down, left, right) are present on the right edge of the dialog.

Code Value	Description	
EW	Earthwork	⊗
SW	Sitework	⊗
UT	Utilities	⊗
∨ RW	Retaining Walls	⊗
RW-2	RW-2	⊗
RW-3	RW-3	⊗
RW-3A	RW-3A	⊗
RW-4A	RW-4A	⊗
RW-4C	RW-4C	⊗
RW-5B	RW-5B	⊗
RW-5C	RW-5C	⊗