



Explore API Documentation

SelfService_Schedule_Schedule

Version 1.0

Last Modified: 11/14/2023 1/13/2023

Last Modified By: Sanjay Molugu

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	3/24/2023	Initial Draft	Kimo Pickering

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Overview

The SelfService_Schedule_Schedule API is one of multiple APIs comprising the data contained in the Schedule entity. The SelfService_Schedule_Schedule table contains the list of individual schedules in an organization's tenant environment with specific values of the foreign key lookup values stored in the Schedules table and can provide a convenient way to reference data as it appears in the application without needing to lookup the foreign key values from a lookup table.

Relationships and Dependencies

From: Table ¹	To: Table ¹	Relationship	Cardinality ²	Comment
ScheduleActivity(SA)	Schedule(S)	SA.ScheduleId : S.ScheduleId	M:1	
ScheduleActivityCode(SACD)	Schedule(S)	SACD.ScheduleId : S.ScheduleId	M:1	
ScheduleActivityCodeValueAssignment(SAVCDA)	Schedule(S)	SAVCDA.ScheduleId : S.ScheduleId	M:1	
ScheduleActivityCodeValue(SACDV)	Schedule(S)	SACDV.ScheduleId : S.ScheduleId	M:1	
ScheduleActivityResource(SAR)	Schedule(S)	SAR.ScheduleId : S.ScheduleId	M:1	
ScheduleActivityUserDefinedField(SAUDF)	Schedule(S)	SAUDF.ScheduleId : S.ScheduleId	M:1	
ScheduleActivityUserDefinedFieldValue(SAUDFV)	Schedule(S)	SAUDFV.ScheduleId : S.ScheduleId	M:1	
ScheduleCostBreakdownStructureRegisterEvent(SCBSRE)	Schedule(S)	SCBSRE.ScheduleId : S.ScheduleId	M:1	
ScheduleCostBreakdownStructure(SCBS)	Schedule(S)	SCBS.ScheduleId : S.ScheduleId	M:1	
ScheduleCostBreakdownStructureUncertaintyRange(SCBSUR)	Schedule(S)	SCBSUR.ScheduleId : S.ScheduleId	M:1	
ScheduleIntervalEvent(SIE)	Schedule(S)	SIE.ScheduleId : S.ScheduleId	M:1	
ScheduleIntervalStep(SIS)	Schedule(S)	SIS.ScheduleId : S.ScheduleId	M:1	
ScheduleIntervalResource(SIR)	Schedule(S)	SIR.ScheduleId : S.ScheduleId	M:1	
ScheduleLogicLink(SLL)	Schedule(S)	SLL.ScheduleId : S.ScheduleId	M:1	
ScheduleCalendarException(SCE)	Schedule(S)	SCE.ScheduleId : S.ScheduleId	M:1	
ScheduleCalendar(SCA)	Schedule(S)	SCA.ScheduleId : S.ScheduleId	M:1	
ScheduleCode(SCD)	Schedule(S)	SCD.ScheduleId : S.ScheduleId	M:1	
ScheduleCodeValueAssignment(SCDVA)	Schedule(S)	SCDVA.ScheduleId : S.ScheduleId	M:1	
ScheduleCodeValue(SCDV)	Schedule(S)	SCDV.ScheduleId : S.ScheduleId	M:1	

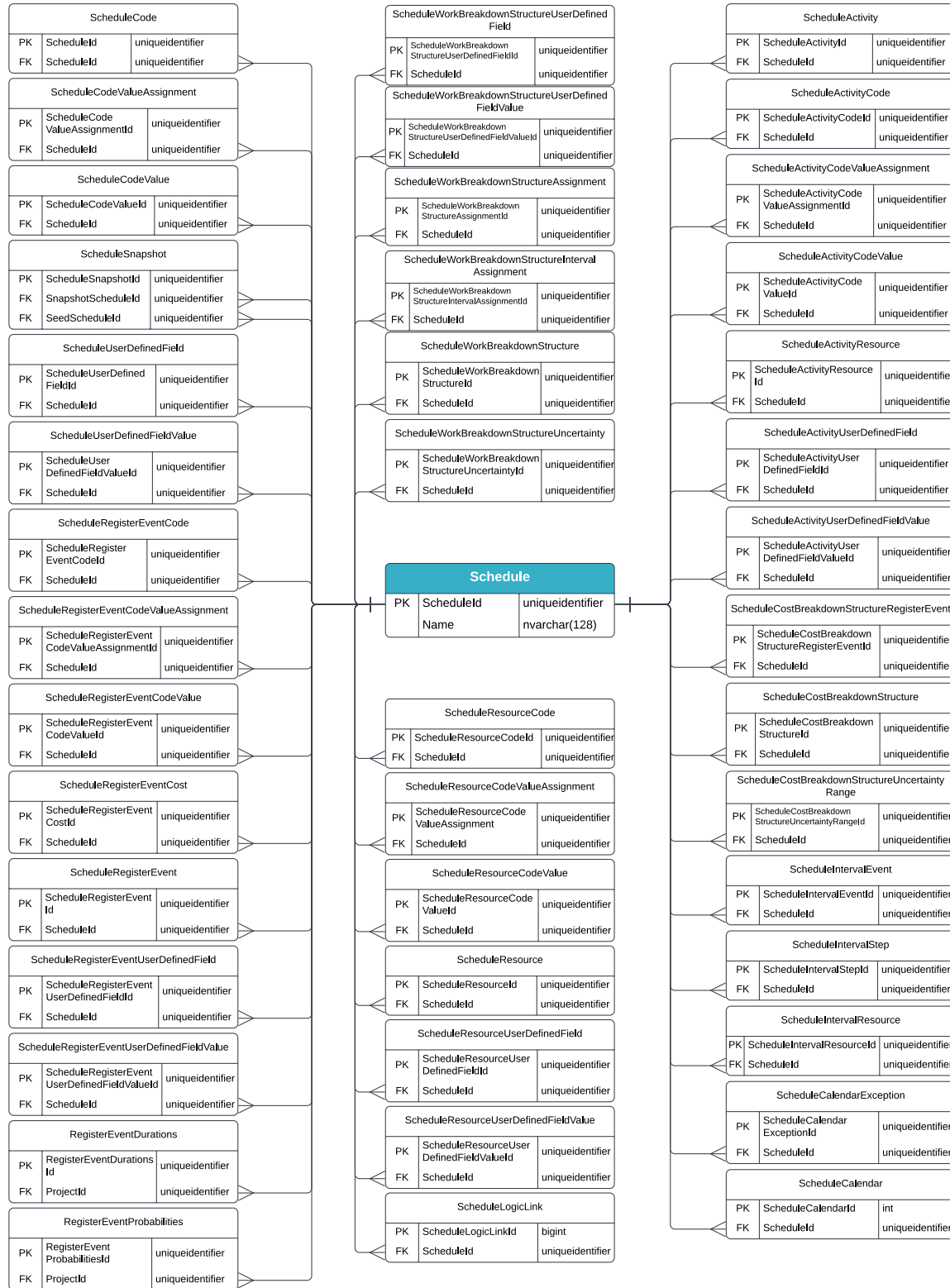
From: Table ¹	To: Table ¹	Relationship	Cardinality ²	Comment
ScheduleSnapshot(SS)	Schedule(S)	SS.ScheduleId : S.ScheduleId	M:1	
ScheduleSnapshot(SS)	Schedule(S)	SS.ScheduleId : S.ScheduleId	M:1	
ScheduleUserDefinedField(SUDF)	Schedule(S)	SUDF.ScheduleId : S.ScheduleId	M:1	
ScheduleUserDefinedFieldValue(SUDFV)	Schedule(S)	SUDFV.ScheduleId : S.ScheduleId	M:1	
ScheduleRegisterEventCode(SRECD)	Schedule(S)	SRECD.ScheduleId : S.ScheduleId	M:1	
ScheduleRegisterEventCodeValueAssignment(SRECDVA)	Schedule(S)	SRECDVA.ScheduleId : S.ScheduleId	M:1	
ScheduleRegisterEventCodeValue(SRECDV)	Schedule(S)	SRECDV.ScheduleId : S.ScheduleId	M:1	
ScheduleRegisterEventCost(SREC)	Schedule(S)	SREC.ScheduleId : S.ScheduleId	M:1	
ScheduleRegisterEventDuration(SRED)	Schedule(S)	SRED.ScheduleId : S.ScheduleId	M:1	
ScheduleRegisterEventProbability(SREP)	Schedule(S)	SREP.ScheduleId : S.ScheduleId	M:1	
ScheduleRegisterEvent(SRE)	Schedule(S)	SRE.ScheduleId : S.ScheduleId	M:1	
ScheduleRegisterEventUserDefinedField(SREUDF)	Schedule(S)	SREUDF.ScheduleId : S.ScheduleId	M:1	
ScheduleRegisterEventUserDefinedFieldValue(SREUDFV)	Schedule(S)	SREUDFV.ScheduleId : S.ScheduleId	M:1	
ScheduleResourceCode(SRCD)	Schedule(S)	SRCD.ScheduleId : S.ScheduleId	M:1	
ScheduleResourceCodeValueAssignment(SRCDVA)	Schedule(S)	SRCDVA.ScheduleId : S.ScheduleId	M:1	
ScheduleResourceCodeValue(SRCDV)	Schedule(S)	SRCDV.ScheduleId : S.ScheduleId	M:1	
ScheduleResource(SR)	Schedule(S)	SR.ScheduleId : S.ScheduleId	M:1	
ScheduleResourceUserDefinedField(SRUDF)	Schedule(S)	SRUDF.ScheduleId : S.ScheduleId	M:1	
ScheduleResourceUserDefinedFieldValue(SRUDFV)	Schedule(S)	SRUDFV.ScheduleId : S.ScheduleId	M:1	
ScheduleWorkBreakdownStructureUserDefinedField(SWBSUDF)	Schedule(S)	SWBSUDF.ScheduleId : S.ScheduleId	M:1	
ScheduleWorkBreakdownStructureUserDefinedFieldValue(SWBSUDFV)	Schedule(S)	SWBSUDFV.ScheduleId : S.ScheduleId	M:1	
ScheduleWorkBreakdownStructureAssignment(SWBSA)	Schedule(S)	SWBSA.ScheduleId : S.ScheduleId	M:1	
ScheduleWorkBreakdownStructureIntervalAssignment(SWBSIA)	Schedule(S)	SWBSIA.ScheduleId : S.ScheduleId	M:1	
ScheduleWorkBreakdownStructure(SWBS)	Schedule(S)	SWBS.ScheduleId : S.ScheduleId	M:1	

From: Table ¹	To: Table ¹	Relationship	Cardinality ²	Comment
ScheduleWorkBreakdownStructureUncertainty(SWBSU)	Schedule(S)	SWBSU.ScheduleId : S.ScheduleId	M:1	

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

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

Figure 1. SelfService_Schedule_Schedule 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_Schedule	
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
ScheduleId	uniqueidentifier	16	0	0	Y	Schedule	X
ScheduleName	nvarchar	100	0	0	Y	Schedule	
ScheduleDisplayId	nvarchar	0	0	0	Y	Schedule	
StartDateTime	datetime2	8	27	7	Y	Schedule	
FinishDateTime	datetime2	8	27	7	Y	Schedule	
DataDateTime	datetime2	8	27	7	N	Schedule	
IsKb	bit	1	1	0	Y	Schedule	
IsVerified	bit	1	1	0	Y	Schedule	
IsSnapshot	bit	1	1	0	Y	Schedule	
ScheduleTypeId	uniqueidentifier	16	0	7	N	Schedule	
RowVersion	Bigint	Null	Null	Null	Y	Schedule	

Field Descriptions

Name	Description	Example
ScheduleId	A unique identifier assigned to each schedule record in the table. Formerly known as the Project Id.	451fbd8d-bd37-4b77-14b9-08da0dbd1385
ScheduleName	Name for the schedule.	Juniper Nursing Home
ScheduleDisplayId	User provided ID of the schedule.	JUNNH-1
StartDateTime	The date work starts on the project.	2022-07-05 16:53:09.417
FinishDateTime	The date all work is complete on the project.	2022-07-05 16:53:09.417
DataDateTime	The date and time the schedule's activities have progressed to.	2022-07-05 16:53:09.417
IsKb	Indicates if the schedule is in InEight Schedule's Knowledge Base and available to be used by other schedules. 1 = True, 0 = False.	0
IsVerified	Indicates if an administrator has certified the schedule as containing accurate data. 1 = True, 0 = False.	0
IsSnapshot	Indicates if the Schedule is a Snapshot. 1 = True, 0 = False.	0
ScheduleTypeId	A unique identifier for Schedule Type entries. Not visible in the Interface.	11E478ED-AF4A-479B-BF91-25258684EDBD
RowVersion	An indicator if a row has been updated. if this value is greater than the stored value, then update record.	54582065

Sample

```
{"ScheduleId":"ec70659e-89db-4221-d28d-08db7efe1194",  
"ScheduleName":"Juniper Nursing Home",  
"ScheduleDisplayId":"JUNNH-1",  
"StartDateTime":"2023-07-07T00:00:00Z",  
"FinishDateTime":"2024-07-05T16:00:00Z",  
"DataDateTime":"2023-07-07T00:00:00Z",  
"IsKb":"0",  
"IsVerified":"0",  
"IsSnapshot":"0",  
"ScheduleTypeId":"3852c7b7-6d54-40fe-8129-13d77d0fd265"}
```

Data Validation

Most of the data available from the SelfService_Schedule_Schedule API entity can be found on the Schedule application's Project List page:

InEight / Schedule										2021						
										Jun	Jul	Aug	Sep	Oct	Nov	Dec
<input type="checkbox"/>	Project/Schedule name	Schedule ID	Start	Finish	Calendar days	Schedule type	Data date	Knowle								
<input type="checkbox"/>	▼ None		21 Jun 2021	11 Jul 2022												
<input type="checkbox"/>	ABC Building Project Baseline	ABC Building Project-4	21 Jun 2021	11 Jul 2022	386	Estimate	21 Jun 2021									
<input type="checkbox"/>	ABC Building Project Baseline	ABC Building Project	21 Jun 2021	11 Jul 2022	386	Baseline	21 Jun 2021									
<input type="checkbox"/>	ABC Building Project Baseline Copy	SCHED-5	21 Jun 2021	11 Jul 2022	386	Estimate	21 Jun 2021									
<input type="checkbox"/>	ABC Building Project Baseline Copy	SCHED-6	21 Jun 2021	11 Jul 2022	386	Baseline	21 Jun 2021									
<input type="checkbox"/>	ABC Building Project Baseline Copy	SCHED-7	21 Jun 2021	11 Jul 2022	386	Update	21 Jun 2021									
<input type="checkbox"/>	ABC Building Project Baseline Copy	SCHED-8	21 Jun 2021	11 Jul 2022	386	Active Update	21 Jun 2021									