



Explore API Documentation

SelfService_Plan_WorkPackage

Version 2.0

Last Modified: 11/14/2023



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	6/19/2019	Initial draft	Chase Denton
1.1	5/29/2020	Added columns at 19.11 level and up, screen shots in validations, and updated Relationships and Dependencies section	Natalie Takacs
1.2	12/20/2022	Updated pagination	Litzy Mora
2.0	3/22/2023	Added relationship	Chase Denton

Contents

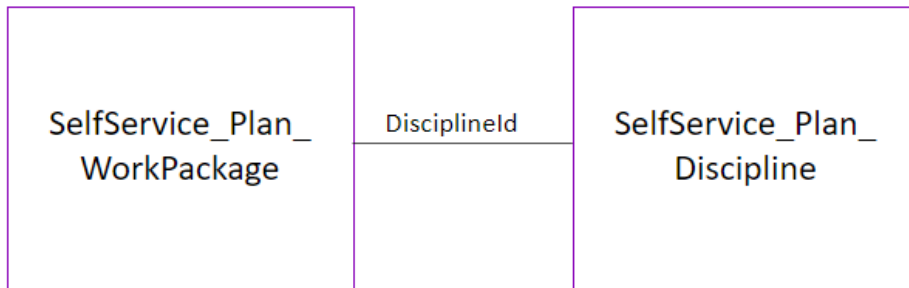
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Overview

This API contains information regarding the craft and staff members on a project's work plan.

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality ¹	Comment
SelfService_Plan_WorkPlan (WP)	SelfService_Plan_Discipline (D)	WP.DisciplinedId = D.DisciplinedId	M:1	Discipline



API Detail

Direction	From Project Suite	
Pagination	5,000 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 URL	https://api.ineight.com/reporting/v1/{tenantPrefix}/odata/SelfService_Plan_WorkPackage	
Replicate View	SelfService.vwPlanWorkPackage	
Data Refresh/Delta/Incremental Loads	Data refresh within ~ 20 minutes. This API must be run as a full refresh each time.	
Project Suite	Starting Release	22.12
	Ending Release	

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	CharMaxlength	NumericPrecision	DatePrecision	Product	PK
WorkPlanId	bigint	NULL	19	NULL	Plan	X

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

ParentWorkPlanId	bigint	NULL	19	NULL	Plan	
WorkPlanNumber	bigint	NULL	19	NULL	Plan	
ProjectId	bigint	NULL	19	NULL	Core	
WorkPlanName	nvarchar	50	NULL	NULL	Plan	
WorkPlanDesc	nvarchar	1000	NULL	NULL	Plan	
ScopeOfWork	nvarchar	1000	NULL	NULL	Plan	
EngineerId	bigint	NULL	19	NULL	Plan	
EngineerFullName	nvarchar	201	NULL	NULL	Plan	
SuperintendentId	bigint	NULL	19	NULL	Plan	
SuperintendentFullName	nvarchar	201	NULL	NULL	Plan	
WorkPlanLevel	Smallint	NULL	5	NULL	Plan	
ScheduleStart	datetimeoffset	NULL	NULL	7	Plan	
ScheduleFinish	datetimeoffset	NULL	NULL	7	Plan	
TotalManHours	Decimal	Null	5	NULL	Plan	
EarnedManHours	bigint	NULL	19	NULL	Plan	
ApprovedBy	nvarchar	50	NULL	NULL	Plan	
Score	nvarchar	8	NULL	NULL	Plan	
Scheduled	nvarchar	50	NULL	NULL	Plan	
IsActive	bit	NULL	NULL	NULL	Plan	
CreatedById	bigint	NULL	19	NULL	Plan	
CreatedByFullName	nvarchar	201	NULL	NULL	Plan	
CreatedDate	datetimeoffset	NULL	NULL	7	Plan	
ModifiedById	bigint	NULL	19	NULL	Plan	
ModifiedByFullName	nvarchar	201	NULL	NULL	Plan	
ModifiedDate	datetimeoffset	NULL	NULL	7	Plan	
DisciplineId	bigint	NULL	19	NULL	Plan	
DisciplineName	nvarchar	200	NULL	NULL	Plan	
DisciplineDescription	nvarchar	250	NULL	NULL	Plan	
RiskId	bigint	NULL	19	NULL	Plan	
RiskDescription	nvarchar	200	NULL	NULL	Plan	
WorkPlanStatusId	bigint	NULL	19	NULL	Plan	
WorkPlanStatusDescription	nvarchar	200	NULL	NULL	Plan	
WorkType	nvarchar	100	NULL	NULL	Plan	
AccountCode	nvarchar	20	NULL	NULL	Plan	
ForemanID	bigint	NULL	19	NULL	Plan	
ForemanFullName	nvarchar	201	NULL	NULL	Plan	
PercentageComplete	Decimal (20,12)	NULL	19	NULL	Plan	
FileUploadHistory	bigint	NULL	19	NULL	Plan	
ConstructionAreaId	bigint	NULL	19	NULL	Plan	
ConstructionAreaDisplayId	Varchar	50	NULL	NULL	Plan	
ConstructionAreaDescription	Varchar	200	NULL	NILL	Plan	
SafetyDescription	nvarchar	4000	NULL	NULL	Plan	
EnvironmentalDescription	nvarchar	4000	NULL	NULL	Plan	

QualityDescription	nvarchar	4000	NULL	NULL	Plan	
MaterialsDescription	nvarchar	4000	NULL	NULL	Plan	
PlannerId	bigint	NULL	19	NULL	Plan	
PlannerFullName	nvarchar	201	NULL	NULL	Plan	
Location	nvarchar	100	NULL	NULL	Plan	
ScheduleName	nvarchar	250	NULL	NULL	Plan	

Field Descriptions

Name	Description	Example
WorkPlanId	Unique identifier associated with a work plan	216
ParentWorkPlanId	Identification number of a work plan that has one or more children work plans	112
WorkPlanNumber	System generated, unique identification number for work plan numbers	6114
ProjectId	System generated, unique identification number for projects	10330
WorkPlanName	Text name assigned to a work plan	WP-144
WorkPlanDesc	Brief text description of work plan	Install concrete encased conduit
ScopeOfWork	Brief description of the work included to be completed, present in the Overview tab	Layout Duct Bank, Verify Depth, Build stand
EngineerId	Unique identifier of engineer on work plan	1
EngineerFullName	Full name of engineer on work plan, present in Overview > Personnel	John Smith
SuperintendentId	Unique identifier of superintendent on work plan	2
SuperintendentFullName	Full name of superintendent on work plan, present in Overview > Personnel	Oliver Skipp
WorkPlanLevel	Number associated to object's position in work package hierarchy	1
ScheduleStart	Work plan scheduled start date, present in the Overview tab	2017-09-25 00:00:00.0000000 +00:00
ScheduleFinish	Work plan scheduled completion date, present in the Overview tab	2017-09-25 00:00:00.0000000 +00:00
TotalManHours	Total man hours planned on work plan	0.0000000000000000
EarnedManHours	Manhours earned on work plan	0.0000000000000000
ApprovedBy	Work plan approver	John Smith
Score	Score of the work plan	10
Scheduled	Unique identifier associated with a Schedule	MA03NS-2550
IsActive	Indicator of active or inactive records	1
CreatedById	Unique identifier of the plan creator	1
CreatedByFullName	Full name of plan creator	Harry Kane
CreatedDate	Date plan was created	2018-03-01 22:04:14.8313238 +00:00

ModifiedById	Unique identifier of individual that modified the plan	1
ModifiedByFullName	Full name of individual that modified the plan	Scott Gregory
ModifiedDate	Date plan was modified	2018-03-01 22:04:15.2375490 +00:00
DisciplineId	Unique identifier of the discipline assigned to the plan	16
DisciplineName	Text name of the discipline assigned to the plan, present in the Overview tab	Grading
DisciplineDescription	Text description of the discipline assigned to the plan	Grading
RiskId	Unique identifier of the measure of the level of risk associated to successful he plan completion	1
RiskDescription	Text description of the measure of the level of risk associated to successful he plan completion, present in the Overview tab	Caution
WorkPlanStatusId	Unique identifier of the status of the work plan	10
WorkPlanStatusDescription	Text description of the status of the work plan, present in the Overview tab	Draft
WorkType	Free-text field to describe the work performed on the plan, present in the Overview tab	Grounding
AccountCode	Unique identifier associated with an account code	1
ForemanID	Unique identifier of the foreman on the work plan	0
ForemanFullName	Full name of the foreman on the work plan	Ryan Mason
PercentageComplete	Work plan percent complete	0.0000000000000000
FileUploadHistory	Id of the last file uploaded	430
ConstructionAreald	System generated unique identifier of the construction work area the work plan is assigned to	1
ConstructionAreaDisplayId	Unique identifier for the construction work area the work plan is assigned to that displays in the application	UZ
ConstructionAreaDescription	Text description of the construction work area	Utilities General
SafetyDescription	Description field from the "Safety" segment in the Workspaces tab	Struck by Equipment, Getting clothing sucked into vacuum, Falling into Pothole
EnvironmentalDescription	Description field from the "Environmental" segment in the Workspaces tab	Excess Water from Potholes not being sucked by truck
QualityDescription	Description field from the "Quality" segment in the Workspaces tab	Test
MaterialsDescription	Description field from the "Materials" segment in the Workspaces tab	Test
PlannerId	Unique identifier of the individual planner	45216
PlannerFullName	Full name of the individual planner	John Maguire
Location	Free text field to enter the location of the work plan, this is in the overview section	Area 3000
ScheduleName	Text name assigned to the schedule, present in the Overview tab	ABC Building Project Baseline

Sample

```
{
}
```

Data Validation

Data can be validated by navigating to Plan > Work Planning, and selecting the desired work plan. Most of this data is present in the Overview and Workspace tabs.

The screenshot displays the 'Overview' and 'Personnel' sections of a software interface for a work package. The breadcrumb trail is 'Work packaging > CA-1 > CWP-Pipe > IWP-Underground Pipe 1'. The 'Overview' tab is active, showing fields for IWP ID (69532), IWP name (IWP-Underground Pipe 1), CWP (CWP-Pipe), and CWA (CA-1). It includes sections for Description, Scope of work, Location, Discipline, Type of work, Risk, Schedule ID, Schedule name, Scheduled start date, Scheduled end date, Status (Draft), Last updated by (Sudha DS), and Last updated on (04/24/2020). The 'Personnel' tab is also visible, with fields for Planner, Superintendent, Engineer, and Executor, each with a hint type of 'John'. A sidebar on the left shows a 0% progress indicator and a list of roles: Schedule ID, Start date, End date, Status: Draft, Planner, Superintendent, Field Engineer, Executor, and Total man hours: 0.

Work packaging > CA-1 > CWP-Pipe > IWP-Underground Pipe 1

OVERVIEW **WORKSPACE** CONSTRAINT MANAGEMENT DOCUMENTS View: Current viewset

IWP-Underground Pi... 69532

Manage workspace

- Equipment
- Materials
- Budget
- Components
- Lessons learned
- Quality forms
- Work sequence
- Tools
- Temporary structures
- Labor
- Goals
- Quality
- Safety
- Environmental

[Save workspace as view](#)

Equipment Planning complete + Add equipment + Add equipment by project

Equipment ID	Description	Category	EquipmentType	Ownership	Permit expires	Quantity
153323	153323	PICKUPS_Info panel	Pickup 1/2 Ton	Owned		1
152462	152462	PICKUPS_Info panel	Pickup 1/2 Ton	Owned		1

Materials Planning complete + Add materials by project

Description	Quantity	UoM	Location	Requisition #	PO #	Spec
New materials 1						