INEIGHT

Explore API Documentation

SelfService_Core_ProjectEmployee

Version 1.2

Last Modified: 11/21/2024

Last Modified By: Litzy Mora

© 2024 InEight, Inc. All rights reserved.

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	20-Feb-2020	Initial release	Natalie Takacs
1.1	30-Oct-2020	Added two new fields, PrimaryCompany and Supervisor at 20.7 release level, and updated the data validation section	Natalie Takacs
1.2	5-Apr-2021	Added EmployeeDisplay and note about Version API; updated join information	Natalie Takacs
1.3	4-Nov-2022	Added Relationships and Sample	Litzy Mora

Contents

Change Log....2
Contents....2
Overview....3
Relationships and Dependencies....3
API Detail....4
Supported Filters....4
Fields....4
Field Descriptions....5
Sample....7
Data Validation....7

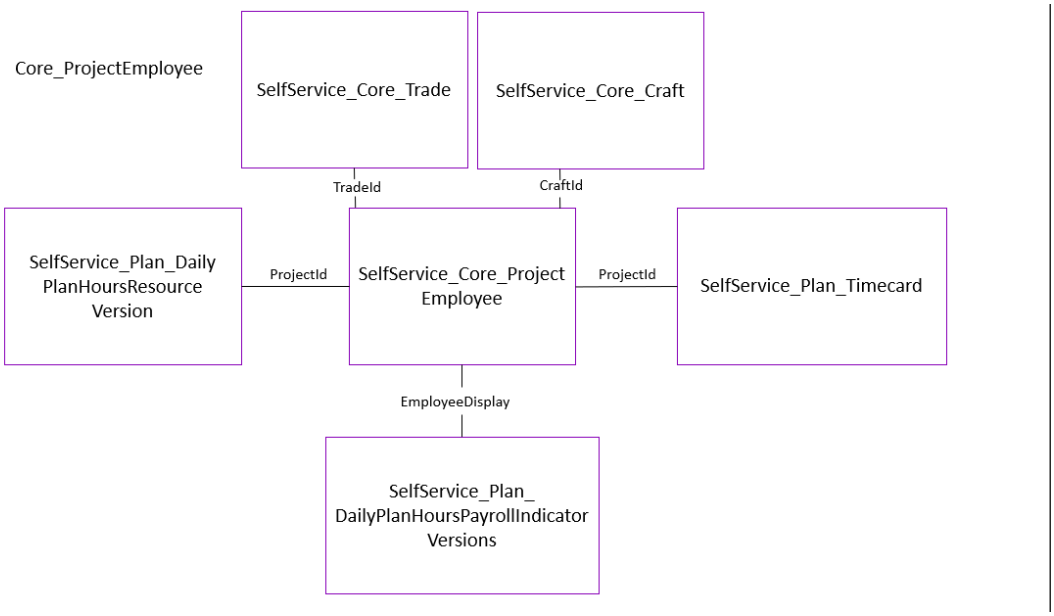
Overview

The Core Project Employee API captures information about project employees from the Employee tab in the Assigned Operational Resources screen (screen shot below). This data contained in this API includes: employee, rate, factor, craft, trade, and union information.

**Please note: this API contains the same fields as the SelfService_Core_ProjectEmployeeVersion API. The only difference is that the Version API contains historical records and when they were active.

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality[1]
SelfService_ Core_ProjectEmployee (PE)	SelfService_Plan_DailyPlanHourResourceVersion (DPH)	PE.EmployeeID= DPH.EmployeeDisplay	1:M
SelfService_ Core_ProjectEmployee (PE)	SelfService_Plan_DailyPlanHoursPayrollIndicatorVersions (DPI)	PE.EmployeeID= DPI.EmployeeDisplay	1:M
SelfService_ Core_ProjectEmployee (PE)	SelfService_Plan_Timecard (TC)	PE.ProjectId= TC.ProjectId	1:M
SelfService_ Core_ProjectEmployee (PE)	SelfService_Core_Trade(T)	PE.TradeId= T.TradeId	1:M
SelfService_ Core_ProjectEmployee (PE)	SelfService_Core_Craft(C)	PE.CraftId= C.CraftId	1:M



[1] *1:M = One to Many, 1:1 = One to One, M:1 = Many to one*

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_Core_ProjectEmployee
Data Refresh/Delta/Incremental Loads		The data in this API is on a trigger-based refresh, fresh data should appear in 5 minutes or less.
Project Suite	**Starting Version**	22.8
	Ending Version	N/A

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	CharMaxLength	NumericPrecision	DatePrecision	Product	PK
ProjectEmployeeId	Bigint	Null	19	Null	Core	X
ProjectId	Bigint	Null	19	Null	Core	
EmployeeId	Bigint	Null	19	Null	Core	
EmployeeDisplay	Nvarchar	50	Null	Null	Core	
FullName	Nvarchar	201	Null	Null	Core	
TradeId	Bigint	Null	19	Null	Core	
TradeDescription	Nvarchar	255	Null	Null	Core	
ProjectCraftId	Bigint	Null	19	Null	Core	
CraftId	Bigint	Null	19	Null	Core	
CraftDescription	Nvarchar	255	Null	Null	Core	
VendorId	Bigint	Null	19	Null	Core	
VendorName	Nvarchar	250	Null	Null	Core	
UnionId	Bigint	Null	19	Null	Core	
UnionDescription	Nvarchar	250	Null	Null	Core	
OverrideRates	Varchar	3	Null	Null	Core	
StraightTimeRate	Decimal	Null	16	Null	Core	
CurrencyId	Bigint	Null	19	Null	Core	
CurrencyCode	Nvarchar	50	Null	Null	Core	
UseBaseWageFactors	Varchar	3	Null	Null	Core	
OverTimeFactor	Decimal	Null	16	Null	Core	

DoubleTimeFactor	Decimal	Null	16	Null	Core	
OverTimeRate	Decimal	Null	16	Null	Core	
DoubleTimeRate	Bigint	Null	19	Null	Core	
UOMId	Bigint	Null	19	Null	Core	
UOMName	Nvarchar	255	Null	Null	Core	
ProjectstartDate	Datetimeoffset	Null	Null	7	Core	
ProjectEndDate	Datetimeoffset	Null	Null	7	Core	
Status	bit	Null	Null		Core	
ModifiedDate	Datetimeoffset	Null	Null	7		
IsActive	Bit	Null	Null	Null		
PrimaryCompany	Nvarchar	100	Null	Null	Core	
Supervisor	Nvarchar	201	Null	Null	Core	

Field Descriptions

Name	Description	Example
ProjectEmployeeId	Unique identifier assigned on the application back-end for project employees	5296
ProjectId	Unique identifier assigned to a project	10469
EmployeeId	Unique identifier for employee assigned by the company	72819
EmployeeDisplay	Unique identifier assigned to employees to be displayed in the application	D_2940
FullName	Employee's first and last name	Natalie Takacs
TradeId	Unique identifier of trade associated to employee record	101
TradeDescription	Text description of the trade associated to the employee	Natalie Takacs
ProjectCraftId	Unique identifier of the craft associated to the employee specific to the project; The Project Craft Id list matches the Craft Id list in master data; to use this it must be made available on the project	17
CraftId	Unique identifier associated to the craft of the employee, maintained in master data	18556
CraftDescription	Description of the craft of the employee	Group 2
VendorId	Unique identifier associated to the vendor of the employee	352

VendorName	Text name of the vendor of the employee	JV
UnionId	Unique identifier of the union associated to the employee	32
UnionDescription	Text description of the employee's union	Pipefitters local union
OverrideRates	indicator if current rates can be overridden, direct reference to master data	Yes
StraightTimeRate	Rate assigned to that employee for straight time hours on this project, can be overridden per the	24.00
CurrencyId	Unique identifier for the currency the employee gets paid in	1
CurrencyCode	Text code associated with employee's currency	USD
UseBaseWageFactors	Indicator to use base wage factors	Yes
OverTimeFactor	Factor to multiply employee wages for overtime work	4.00
DoubleTimeFactor	Factor to multiply employee wages for double time work	16.00
OverTimeRate	Rate to pay an employee for overtime work	64.00
DoubleTimeRate	Rate to pay an employee for double time work	48.00
UOMId	Unique identifier associated to the unit of measure the employee's pay is measured in	10
UOMName	Text description of the unit of measure the employee's pay is measured in	hours
ProjectstartDate	Start date for an employee on a project, this must fall within the Project's start and end dates	2018-07-20 00:00:00.0000000 +00:00
ProjectEndDate	End date for an employee on a project, this must fall within the Project's start and end dates	9999-12-31 00:00:00.0000000 +00:00
Status	Status of employee, as determined by the current date in relation to the employee's project start and end dates	1
ModifiedDate	Timestamp the record was modified on	2019-01-23 02:41:33.6769165 +00:00
IsActive	Indicator if the record is active or inactive	1
PrimaryCompany	Primary Company as assigned to an employee in Master data libraries > Operational Resources	Construct LLC
Supervisor	Supervisor as assigned to an employee in Master data libraries > Operational Resources	David Wetzel

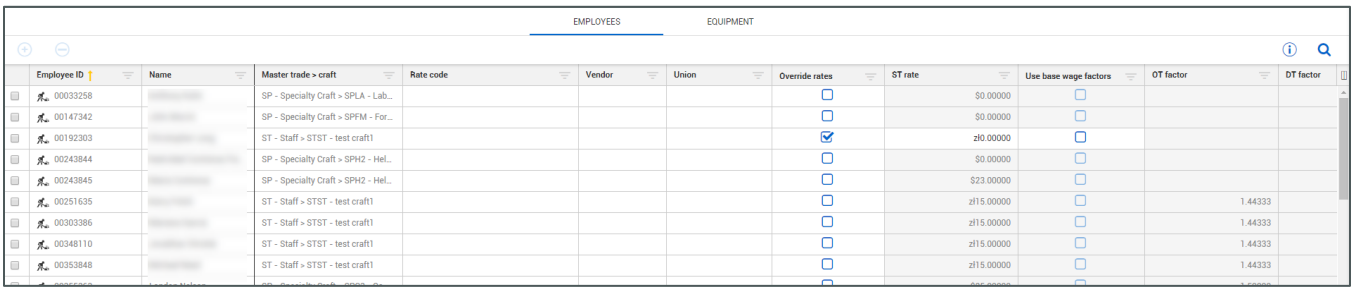
Sample

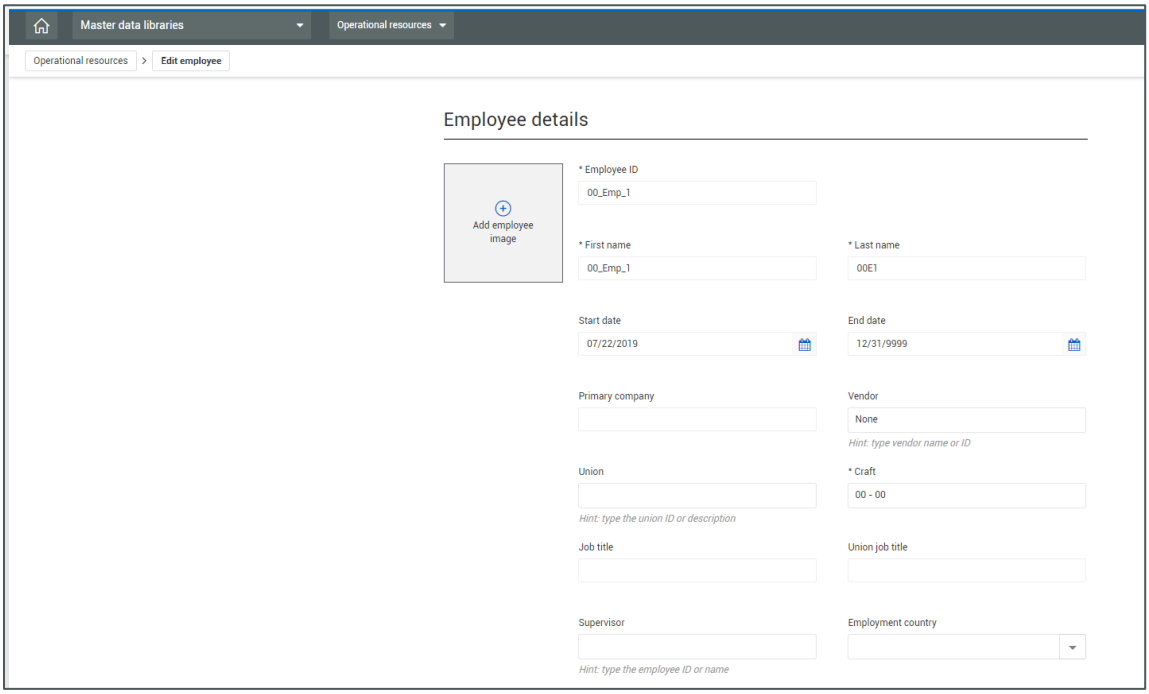
{
"ProjectEmployeeId":1,"ProjectId":1,"EmployeeId":9,"EmployeeDisplay":"00354709","FullName":"Natalie
Takacs","TradeId":29,"TradeDescription":"Staff","ProjectCraftId":null,"CraftId":1,"CraftDescription":"Staff
Default","VendorId":null,"VendorName":null,"UnionId":null,"UnionDescription":null,"UnionJobTitle":null,"OverrideRates":"No","StraightTimeRate":null,"CurrencyId":1,"CurrencyCode":"USD","UseBaseWageFactors":"No","OverTimeFactor":null,"DoubleTimeFactor":null,"OverTimeRate":null,"DoubleTimeRate":null,"UOMId":10,"UOMName":"Hour","ProjectStartDate":"2016-06-20T00:00:00Z","ProjectEndDate":"2017-08-27T00:00:00Z","Status":true,"ModifiedDate":"2022-04-28T09:40:27.2623613Z","IsActive":true,"PrimaryCompany":null,"Supervisor":null

}

Data Validation

Project > Assigned Operational Resources > Employees



The Employee Id, name, primary company, vendor, union, craft, and job title information can be found in:

Master data libraries > Operational Resources