



Explore API Documentation

SelfService_Core_Craft

Version 1.0

Last Modified: 10/24/2023

Last Modified By: Litzy Mora

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	6/6/2022	Initial draft	Litzy Mora

Contents

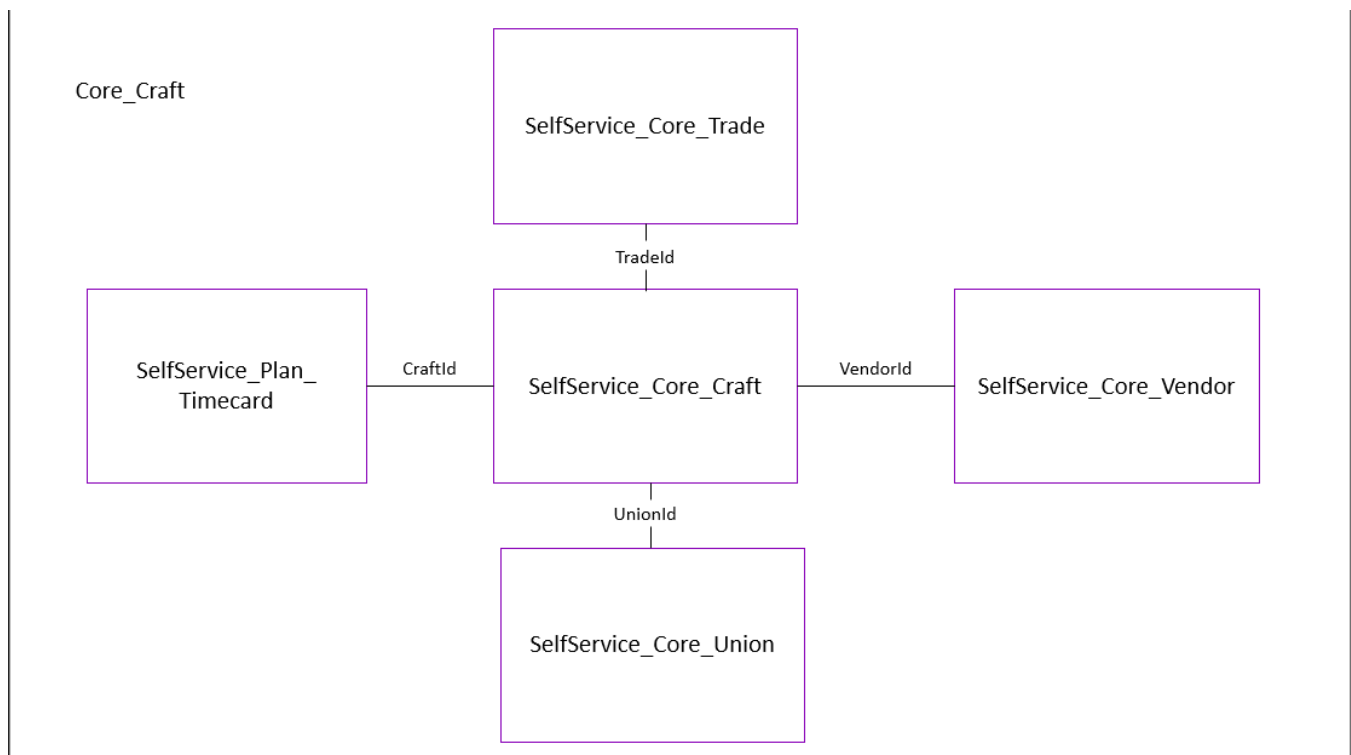
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Overview

This API exposes craft information as assigned in the Master Data Library.

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality ¹	Comment
SelfService_Core_Craft(C)	SelfService_Plan_Timecard (TC)	C.CraftId=TC.CraftId	M:1	
SelfService_Core_Craft(C)	SelfService_Core_Union(U)	C.UnionId=U.UnionId	M:1	
SelfService_Core_Craft(C)	SelfService_Core_Vendor(V)	C.VendorId=V.VendorId	M:1	
SelfService_Core_Craft(C)	SelfService_Core_Trade(T)	C.Trade=T.TradeId	M:1	



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

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

		(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_Craft
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	Scale	Product	PK
AccountId	bigint	8	19	0	Core	
CraftDescription	nvarchar	510	0	0	Core	
CraftDisplay	nvarchar	100	0	0	Core	
CraftId	bigint	8	19	0	Core	X
CreatedById	bigint	8	19	0	Core	
CreatedDate	datetimeoffset	10	34	7	Core	
CurrencyId	bigint	8	19	0	Core	
DoubleTimeFactor	decimal	9	16	5	Core	
DoubleTimeRate	decimal	9	16	5	Core	
IsActive	bit	1	1	0	Core	
ModifiedById	bigint	8	19	0	Core	
ModifiedDate	datetimeoffset	10	34	7	Core	
OvertimeFactor	decimal	9	16	5	Core	
OvertimeRate	decimal	9	16	5	Core	
SourceSystemId						
SourceSystemName	nvarchar	100	0	0	Core	
StraightTimeRate	nvarchar	100	0	0	Core	
TradeId	decimal	9	16	5	Core	
UnionId	bigint	8	19	0	Core	
UOMId	bigint	8	19	0	Core	
UsedBaseWageFactors	bigint	8	19	0	Core	
VendorId	bit	1	1	0	Core	

Field Descriptions

Name	Description	Example
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AccountId	Unique identifier associated with the account	1
CraftDescription	Customer-defined field that is typically used to describe or provide details about the Craft.	Mechanic
CraftDisplay	User assigned ID associated to the craft that is shown in the UI	Z1M6
CraftId	Identifies the craft of the employee. The value in this field must match a valid public identifier for a craft from the Crafts Integration or values manually entered in InEight.	29641
CreatedByld	User Id of the individual the created the record	1
CreatedDate	Date record was created	2021-09-11 13:20:26.0091723+00:00
Currencyld	Id assigned to the currency associated to the project	1
DoubleTimeFactor	Factor used to multiply the standard rate of the employee to determine their double time rate. (Straight Time X Double Time Factor = Double time). Only provide this if not using DoubleTimeRate.	NULL
DoubleTimeRate	The specific rate to apply to the employee for Double Time. Use a factor or use a set rate but not both. If using rates instead of factors set 'UseBaseWageFactors' to false. Providing a value in this field will set a specific rate to use for the employee only on the assigned project. If this field is left blank the system will use the equivalent value in the master data record for the employee.	NULL
IsActive	'1' means active and '0' means inactive	1
ModifiedByld	The user id of the individual that modified the record	1
ModifiedDate	Date record was modified	2021-09-11 13:20:26.0091723+00:00
OverTimeFactor	Factor used to multiply the standard rate of the employee to determine their overtime rate. (Straight Time X Overtime Factor = Overtime). Only provide this if not using OverTimeRate.	NULL

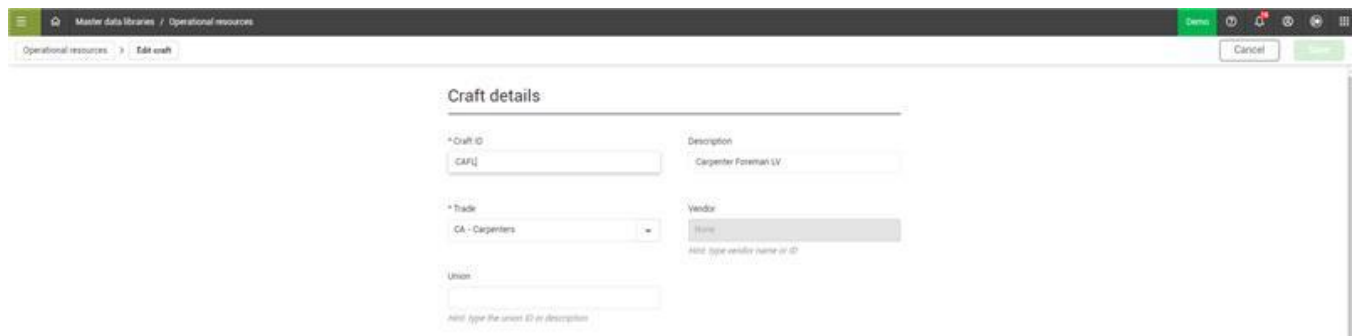
OverTimeRate	Exact calculated rate paid to the employee for overtime work as per applicable laws. Only provide this if not using OverTimeFactor.	NULL
SourceSystemId	Identifier created by the system of record and used in all system communications as the primary method of specifying a unique record. This field does not display in normal use of InEight applications and can contain internal identifiers such as a GUID that is not understandable by typical system users.	
SourceSystemName	Name of the system of record for employees. Collaborate with InEight to identify a specific value to use in this field.	NULL
StraightTimeRate	Base rate to apply to the employee for calculating estimated cost of work on the specified project. Providing a value in this field will set a specific rate to use for the employee only on the assigned project. If this field is left blank the system will use the equivalent value in the master data record for the employee.	NULL
TradeId	The public unique identifier for a Trade. A code (usually 2 or 6 characters) that represents or describes the Trade of an employee. TradeDisplay must match a TradeId.	37
UnionId	Unique identifier for the union that is shown in the UI	NULL
UOMId	Id assigned to the unit of measure	NULL
UsedBaseWageFactors	Determines if the system should use wage adjustment factors instead of specific rates for overtime and double time. This field should be left blank when using the values in the master data record for the employee.	0
VendorId	Id assigned to a vendor in the master data library	NULL

Sample

```
{"CraftId":1,"CraftDisplay":"STST","TradeId":29,"CraftDescription":"Staff Default","StraightTimeRate":null,"OverTimeRate":null,"DoubleTimeRate":null,"OverTimeFactor":null,"DoubleTimeFactor":null,"UOMId":10,"CreatedById":1,"CreatedDate":"2017-02-02T19:36:55.8525755Z","ModifiedById":1,"ModifiedDate":"2022-04-28T09:40:27.2623613Z","IsActive":true,"AccountId":1,"SourceSystemId":"STST","SourceSystemName":null,"CurrencyId":1,"VendorId":null,"UnionId":null,"UseBaseWageFactors":false}
```

Data Validation

Master Data libraries > Operational Resources > View as panel



The screenshot shows a web application interface for editing craft details. The breadcrumb path is 'Operational resources > View as panel'. The form is titled 'Craft details' and contains the following fields:

- * Craft ID:** A text input field containing the value 'CAFI'.
- Description:** A text input field containing the value 'Carpenter Foreman LV'.
- * Trade:** A dropdown menu with 'CA - Carpenters' selected.
- Vendor:** A dropdown menu with 'None' selected. Below it is a small text input field with the placeholder 'Add type vendor name or ID'.
- Union:** A text input field. Below it is a small text input field with the placeholder 'Add type the union ID in description'.

At the top right of the form, there are 'Cancel' and 'Save' buttons. The 'Save' button is highlighted in green.