



Explore API Documentation

SelfService_Control_CostItemDetail

Version 2.0

Last Modified: 10/31/2023



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	8/9/2022	Update data refresh time	Estefany Puc Nieto
2.0	3/27/2023	Updated overview, relationships, validation, etc.	Sanjay Molugu

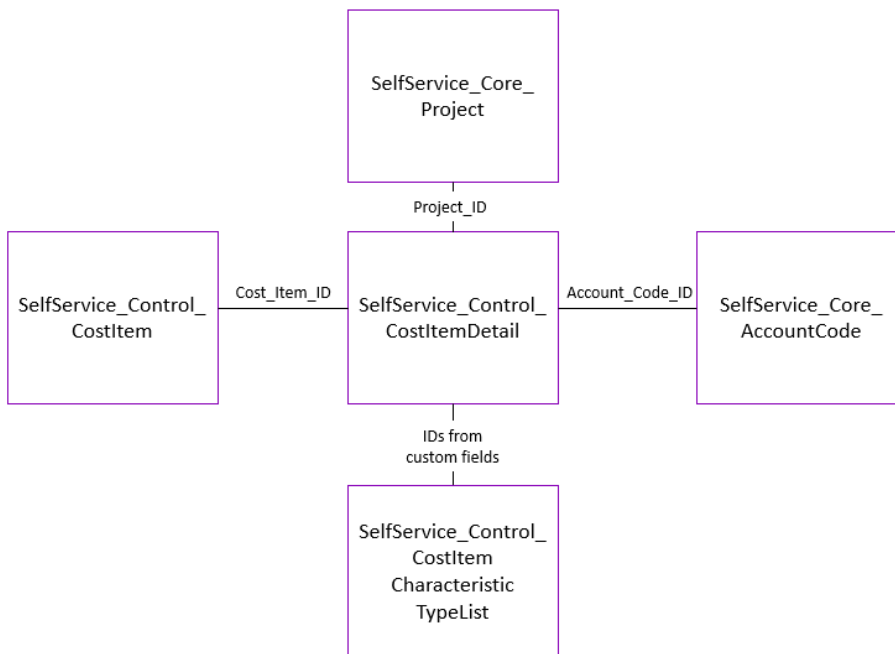
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Overview

From: Table	To: Table	Relationship	Cardinality ¹	Comment
SelfService_Control_CostItemDetail (CID)	SelfService_Core_Project(P)	CID.ProjectID = P.ProjectID	1:1	
SelfService_Control_CostItemDetail (CID)	SelfService_Control_CostItem CI	CID.CostItemID = CI.CostItemID	M:1	ParentID
SelfService_Control_CostItemDetail (CID)	SelfService_Core_AccountCode (AC)	CID.AccountCodeID = AC.AccountCodeID	1:1	
SelfService_Control_CostItemDetail (CID)	SelfService_Control_CostItemCharacteristicTypeList CICTL	IDs from custom fields	1:1	

This API contains information about your project's cost item's characteristics (ex: Area, Tags, Location, etc.).



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
API URL	https://api.ineight.com/reporting/v1/{tenantPrefix}/odata/SelfService_Control_CostItemDetail

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

Data Refresh/Delta/Incremental Loads		Data refresh within ~ 20 minutes. Data can be incrementally loaded after first full refresh.
Replicate View		SelfService.vwControlCostItemDetail
Project Suite	Starting Version	22.12
	Ending Version	

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	CharMaxLength	NumericPrecision	DatePrecision	Product	PK
CostItemId	bigint	NULL	19	NULL	Control	X
ProjectId	bigint	NULL	19	NULL	Core	
AccountCodeId	bigint	NULL	19	NULL	Control	
WBSPhaseCode	nvarchar	50	NULL	NULL	Control	
WBS_Description	nvarchar	250	NULL	NULL	Control	
Currency	varchar	3	NULL	NULL	Control	
CBSPosition	nvarchar	100	NULL	NULL	Control	
RiskDescription	nvarchar	250	NULL	NULL	Control	
Superintendent	nvarchar	250	NULL	NULL	Control	
DistrictSpecificUserDefined3	nvarchar	250	NULL	NULL	Control	
UserDefined4	nvarchar	250	NULL	NULL	Control	
UserDefined5	nvarchar	250	NULL	NULL	Control	
UserDefined6	nvarchar	250	NULL	NULL	Control	
UserDefined7	nvarchar	250	NULL	NULL	Control	
UserDefined8	nvarchar	250	NULL	NULL	Control	

WorkPlanId	nvarchar	250	NULL	NULL	Control	
HideInPOD	nvarchar	250	NULL	NULL	Control	
UserDefined11	nvarchar	250	NULL	NULL	Control	
UserDefined12	nvarchar	250	NULL	NULL	Control	
UserDefined13	nvarchar	250	NULL	NULL	Control	
UserDefined14	nvarchar	250	NULL	NULL	Control	
UserDefined15	nvarchar	250	NULL	NULL	Control	
Area	bigint	NULL	19	NULL	Control	
Phase	bigint	NULL	19	NULL	Control	
WorkType	bigint	NULL	19	NULL	Control	
Estimator	bigint	NULL	19	NULL	Control	
EstimateTag1	bigint	NULL	19	NULL	Control	
EstimateTag2	bigint	NULL	19	NULL	Control	
D_Group	bigint	NULL	19	NULL	Control	
Tag8	bigint	NULL	19	NULL	Control	
RiskLevel	bigint	NULL	19	NULL	Control	
IssueNumber	bigint	NULL	19	NULL	Change	
CCO	bigint	NULL	19	NULL	Change	
SAPStatusControl	bigint	NULL	19	NULL	Control	
WBSClientCode1	bigint	NULL	19	NULL	Control	
WBSClientCode2	bigint	NULL	19	NULL	Control	
Rework	bigint	NULL	19	NULL	Control	

DistrictSpecificTag16	bigint	NULL	19	NULL	Control	
Tag17	bigint	NULL	19	NULL	Control	
Tag18	bigint	NULL	19	NULL	Control	
DistrictSpecificTag19	bigint	NULL	19	NULL	Control	
RollupCompare	bigint	NULL	19	NULL	Control	
Tag21	bigint	NULL	19	NULL	Control	
Tag22	bigint	NULL	19	NULL	Control	
Tag23	bigint	NULL	19	NULL	Control	
Tag24	bigint	NULL	19	NULL	Control	
Tag25	bigint	NULL	19	NULL	Control	
CostItemModifiedDate	datetime	NULL	NULL	3	Control	
IsActive	bit	NULL	NULL	NULL	Control	
IsTerminal	bit	NULL	NULL	NULL	Control	
CBSTag12Id	bigint	250	NULL	NULL	Control	
CBSUserDefined10	nvarchar	NULL	NULL	NULL	Control	
HideInProgress	bit	NULL	NULL	NULL	Control	

Field Descriptions

Name	Description	Example
CostItemId	System generated code for Cost Item	1,2,3
ProjectId	System generated code Project id	1,2,3
AccountCodeId	System generated id for Account codes	52

WBSPhaseCode	The code used to hold cost, budget, forecast, etc. for a piece of work	282
WBS_Description	Text description of the WBS phase code	VK task 1
Currency	Example – USD, CAD, etc.	USD
CBSPosition	Depicts hierarchy and relationship of cost items	1.2.3.4.1.2
RiskDescription	Text description of the risk	NULL
Superintendent	Staff responsible for cost item	Labor - structure exc & backfill
DistrictSpecificUserDefined3	Dependent on Customer defined value	NULL
UserDefined4	Dependent on Customer defined value	Eastern Added
UserDefined5	Dependent on Customer defined value	FP-Non Production
UserDefined6	Dependent on Customer defined value	TP
UserDefined7	Dependent on Customer defined value	Indirects
UserDefined8	Dependent on Customer defined value	K\$
WorkPlanId		C
HideInPOD		NULL
UserDefined11	Dependent on Customer defined value	1
UserDefined12	Dependent on Customer defined value	NULL
UserDefined13	Dependent on Customer defined value	NULL
UserDefined14	Dependent on Customer defined value	SCADA Software Integration
UserDefined15	Dependent on Customer defined value	To Excel Link MH
Area	Location where this work is taking place	51700
Phase		1627
WorkType		51652
Estimator	Person who established the original budget rates for the cost item	62673
EstimateTag1	Dependent on Customer defined value	23081
EstimateTag2	Dependent on Customer defined value	23645
D_Group	Discipline responsible for cost items	23871

Tag8	Dependent on Customer defined value	51563
RiskLevel		0
IssueNumber	The id that corresponds to the issue in InEight Change	0
CCO	The CCO id that corresponds to the issue in InEight Change	0
SAPStatusControl		3377
WBSClientCode1	Dependent on Customer defined value	0
WBSClientCode2	Dependent on Customer defined value	0
Rework		0
DistrictSpecificTag16	Dependent on Customer defined value	0
Tag17	Dependent on Customer defined value	0
Tag18	Dependent on Customer defined value	112384
DistrictSpecificTag19	Dependent on Customer defined value	29478
RollupCompare		NULL
Tag21	Dependent on Customer defined value	0
Tag22	Dependent on Customer defined value	0
Tag23	Dependent on Customer defined value	62782
Tag24	Dependent on Customer defined value	0
Tag25	Dependent on Customer defined value	0
CostItemModifiedDate	The date the cost item was created or changed	2019-06-18 10:26:40.390
IsActive	When this field equals 0, then the cost item is no longer active and used in the project	Active = 1 Inactive = 0
IsTerminal	When this field equals 1, cost item is lowest level of Cost Breakdown Structure hierarchy, and has the capability to accept cost and quantity	1, 0
CBSTag12Id	Dependent on Customer defined value	0
CBSUserDefined10	Dependent on Customer defined value	0
HideinProgress	1, if the cost item is hidden in Progress	1,0

	0, if the cost item is shown in Progress	
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Sample

```
{  
  
https://api.ineight.com/reporting/v1/{tenantPrefix}/odata/SelfService_Control_CostItemDetail[?$expand][&$filter][  
&$select][&$orderby][&$top][&$skip][&$count]  
  
}
```

Data Validation

Project and Organization Data can be validated through the All Projects & Organizations view: