



Explore API Documentation

SelfService_Control_CBCostItemCost
Version 2.0

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	09/09/2021	Initial draft	Chase Denton
1.1	8/9/2022	Updated data refresh times	Estefany Puc Nieto
2.0	3/24/2023	Removed CoreCostItem reference	Suresh Aitha

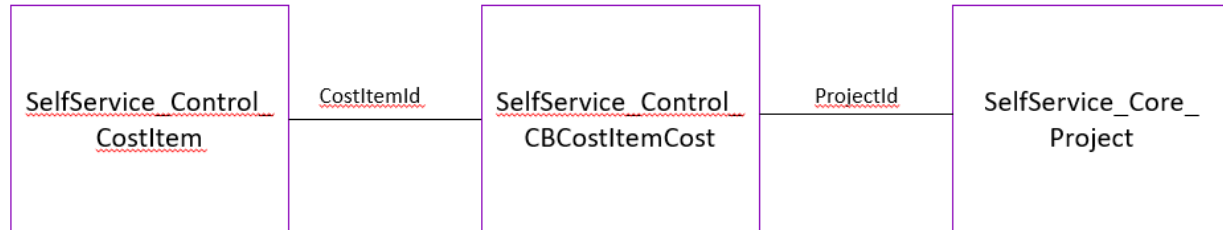
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Overview

The **SelfService_Control_CBCostItemCost** API is intended to provide your organization’s information on current budget cost by cost item using the cost category hierarchy.

Relationships and Dependencies



From: Table	To: Table	Relationship	Cardinality	Comment
SelfService_Control_CBCostItemCost (CBCIC)	SelfService_Core_Project (CP)	CBCIC.ProjectId = CP.ProjectId	1:1	
SelfService_Control_CBCostItemCost (CBCIC)	SelfService_Core_CostItem (CI)	CBCIC.CostItemId = CI.CostItemId	1:1	

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 (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_Control_CBCostItemCost	
API URL	https://api.ineight.com/reporting/v1/{tenantPrefix}/odata/SelfService_Control_CBCostItemCost	
Replicate View	SelfService.vwControlCBCostItemCost	
Data Refresh/Delta/Incremental Loads	The data in this API will refresh ~20 minutes. Data can be incrementally loaded after first full refresh.	
Project Suite	Starting Release	22.12
	Ending Release	

Supported Filters

All default OData filters are supported by this API.

Fields

Column Name	Data Type	Char Max Length	Numeric Precision	Numeric Scale	Date Precision	Is Nullable	PK
CBCostItemCostId	Bigint	Null	Null	Null	Null	N	X
ProjectId	Bigint	Null	Null	Null	Null	Y	
CostItemId	Bigint	Null	Null	Null	Null	Y	
CostCategoryId	Bigint	Null	Null	Null	Null	Y	
CostCategoryName	Nvarchar	50	Null	Null	Null	Y	
CostCategoryCustomName	Nvarchar	500	Null	Null	Null	Y	
CostCategoryLevel2	Bigint	Null	Null	Null	Null	Y	
Cost	Decimal	Null	28	15	Null	Y	
CostSource	Int	Null	Null	Null	Null	Y	
ModifiedDate	Date	Null	Null	Null	7	Y	
IsActive	Bit	Null	Null	Null	Null	Y	

Field Descriptions

Name	Description	Example
CBCostItemCostId	Unique identifier for cost item detail cost category id	144235
ProjectId	Unique identifier for a project	151
CostItemId	Unique identifier for a cost item	80109
CostCategoryId	System generated value for a cost category	2
CostCategoryName	Name of the cost category	Labor Base
CostCategoryCustomName	Custom name (if enabled) for a cost category	Labor Base
CostCategoryLevel2	Id for the level two cost category	11
Cost	Cost	495.58385116290
CostSource	Source of the cost	3
ModifiedDate	Date the item was last modified	2018-04-11 21:33:54.2866667 +00:00
IsActive	1 or 0, Active or not	1

Sample

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

Data Validation

Browser: kiewit-qa-217.hds.ineight.com/AppControl/Workspace?projectId=15

103442 | Van Nuys North Platform / Control / Workspaces

QA 21.7

CBS ACS PAY ITEMS CHANGE REGISTER AUDIT LOG

View: Cost categories

Tasks			Cost categories : CB									
CBS position	Description		CB labor total cost	CB construction equipment	CB FOM rented equipment total cost	CB supplies total cost	CB materials total cost	CB subcontract total cost	CB fees total cost	CB allowance total cost	CB G & A total cost	CB undefined total cost
1	Financial Results Analysis	1.17	\$ 3,630,594.95	\$ 872,869.06	\$ 408,580.49	\$ 2,154,238.44	\$ 2,847,440.96	\$ 6,666,851.30	\$ 129,054.31	\$ 150,000.00	\$ 1,708,778.11	\$ 1,148,512.17
1.1	Directs	1.01	\$ 1,941,493.11	\$ 846,941.91	\$ 408,580.49	\$ 603,264.14	\$ 2,846,940.96	\$ 6,666,851.30	\$ 0.00	\$ 0.00	\$ 0.00	\$ 893,255.01
1.1.1	Direct Labor	1.63	\$ 1,941,493.11	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,562.44	\$ 0.00	\$ 0.00	\$ 0.00	\$ 186,833.63
1.1.1...	Removals & Demolition	1.00	(\$ 0.00)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
1...	Civil Demo	1.00	(\$ 0.00)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
1.	Remove Asphalt Paving	1.00	(\$ 100.00)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
1.	Remove Concrete Structure - Machine D...	1.00	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
1.	Remove Station Canopy	1.00										
1.	Remove Contaminated Soil	1.00										
1...	Rail Demo	1.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
1.	Remove Existing Track	1.00										
1.	Load out Rail/Ties	1.00										
1.1.1...	Civil Utilities	1.00	\$ 400,121.57	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
1...	Temporary Site Environmental Controls	1.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
1.	Clear & Grub Landscape Rock	1.00										
1.	Install / Remove Construction Entrance	1.00										
Subtotals 603			\$ 3,635,141.67	\$ 872,872.06	\$ 408,580.49	\$ 2,154,238.44	\$ 2,901,589.96	\$ 6,666,851.30	\$ 129,054.31	\$ 150,000.00	\$ 1,708,778.11	\$ 7,543,720.66