Explore API Documentation

SelfService_Estimate_AccountUtilizations

ReferencedData

Version 1.0

Last Modified: 20-Nov-2024

Last Modified By: Aaron Cohen

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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	1-Apr-2024	Initial release	Aaron Cohen
1.2	22-Oct-2025	Updated data refresh	Litzy Mora

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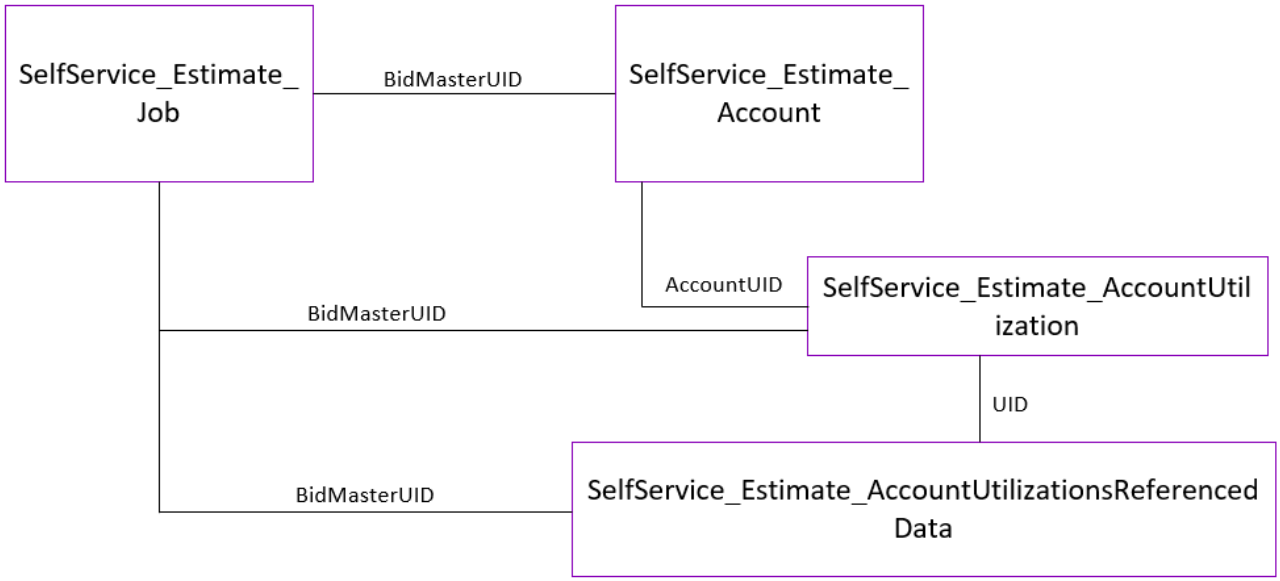
Overview

Account Codes become Utilized when they are assigned to a Cost Item or Resource that is employed in the estimate. Account Utilization records are automatically created for each utilized account and are used as a means of rolling up and summarizing the costs, hours and quantities of all contributing cost items and resources. The ***SelfService_Estimate_AccountUtilizationsReferencedData*** API provides the list of calculated values for these Utilized Account Codes as can be seen in the Account Code Utilization Register (ACUR).

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality[1]	Comment
AccountUtilizationsReferencedData (AURD)	Job (J)	AURD.BidMasterJobUID = J.BidMasterJobUID	M:1	
AccountUtilizationsReferencedData (AURD)	AccountUtilization (AU)	AURD.UID = AU.UID	1:1	



[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_Estimate_AccountUtilizationsReferencedData
Replicate View		[SelfService].[vwEstimateAccountUtilizationsReferencedData]
Data Refresh/Delta/Incremental Loads		The refresh of the data in this API is sync-based. The time it takes data to appear in this API is dependent on the load on the server at the time. If it takes more than 15 minutes, please submit a ticket with the Service Desk.
Project Suite	**Starting Version**	24.3
	Ending Version	N/A

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	Char Max Length	Numeric Precision	Date Precision	Product	PK
AccountUtilizationsReferencedDataId	*bigint*	*8*	*19*		Estimate	X
AccountUtilizationsReferencedDataUF	*uniqueidentifier*	*16*	*0*		Estimate	
AccountUtilizationsReferencedDataUID	*uniqueidentifier*	*16*	*0*		Estimate	
AccountCode	*nvarchar*	*100*	*0*		Estimate	
AlternateSecondaryUnitOfMeasureName	*nvarchar*	*100*	*0*		Estimate	
AlternateUnitOfMeasureName	*nvarchar*	*100*	*0*		Estimate	
CurrencyName	*nvarchar*	*800*	*0*		Estimate	
CurrentBudgetCurrencyName	*nvarchar*	*800*	*0*		Estimate	
CurrentBudgetUnitOfMeasureName	*nvarchar*	*100*	*0*		Estimate	
OriginalBudgetCurrencyName	*nvarchar*	*800*	*0*		Estimate	
OriginalBudgetUnitOfMeasureName	*nvarchar*	*100*	*0*		Estimate	
ParentCode	*nvarchar*	*100*	*0*		Estimate	
SecondaryUnitOfMeasureName	*nvarchar*	*100*	*0*		Estimate	
UnitOfMeasureName	*nvarchar*	*100*	*0*		Estimate	

UserTag1Code	*nvarchar*	*520*	*0*		Estimate	
UserTag2Code	*nvarchar*	*520*	*0*		Estimate	
UserTag3Code	*nvarchar*	*520*	*0*		Estimate	
UserTag4Code	*nvarchar*	*520*	*0*		Estimate	
UserTag5Code	*nvarchar*	*520*	*0*		Estimate	
UserTag6Code	*nvarchar*	*520*	*0*		Estimate	
UserTag7Code	*nvarchar*	*520*	*0*		Estimate	
UserTag8Code	*nvarchar*	*520*	*0*		Estimate	
UserTag9Code	*nvarchar*	*520*	*0*		Estimate	
UserTag10Code	*nvarchar*	*520*	*0*		Estimate	
UserTag11Code	*nvarchar*	*520*	*0*		Estimate	
UserTag12Code	*nvarchar*	*520*	*0*		Estimate	
UserTag13Code	*nvarchar*	*520*	*0*		Estimate	
UserTag14Code	*nvarchar*	*520*	*0*		Estimate	
UserTag15Code	*nvarchar*	*520*	*0*		Estimate	
UserTag16Code	*nvarchar*	*520*	*0*		Estimate	
UserTag17Code	*nvarchar*	*520*	*0*		Estimate	
UserTag18Code	*nvarchar*	*520*	*0*		Estimate	
UserTag19Code	*nvarchar*	*520*	*0*		Estimate	
UserTag20Code	*nvarchar*	*520*	*0*		Estimate	
BidMasterJobUID	*uniqueidentifier*	*16*	*0*		Estimate	
BidMasterJobCode	*nvarchar*	*400*	*0*		Estimate	
LastUpdateID	*int*	*4*	*10*		Estimate	
IsActive	*bit*	*1*	*1*		Estimate	
CreatedById	*bigint*	*8*	*19*		Estimate	
CreatedDate	*datetimeoffset*	*10*	*34*		Estimate	
ModifiedById	*bigint*	*8*	*19*		Estimate	
ModifiedDate	*datetimeoffset*	*10*	*34*		Estimate	

Field Descriptions

Name	Description	Example
AccountUtilizationsReferencedDataId	Unique identifier assigned to each record in the table	606587
AccountUtilizationsReferencedDataUF	System generated field, for internal use only	513b8e1f-650d-056d-253d-41f29703fa38
AccountUtilizationsReferencedDataUID	Unique identifier for the account code utilization record	c76dc462-0726-4476-8d96-4c418e6c513c
AccountCode	Value of the utilization Account Code.	1120.100
AlternateSecondaryUnitOfMeasureName	Name of the Base Unit of Measure for the Account Codes selected Secondary Unit of Measure	null

AlternateUnitOfMeasureName	Name of the Base Unit of Measure for the Account Codes selected Unit of Measure	Kilogram
CurrencyName	Name of the Account Codes assigned Currency	U.S. Dollar
CurrentBudgetCurrencyName	For internal use only	U.S. Dollar
CurrentBudgetUnitOfMeasureName	For internal use only	Ton
OriginalBudgetCurrencyName	For internal use only	U.S. Dollar
OriginalBudgetUnitOfMeasureName	For internal use only	Ton
ParentCode	Account Code of the utilizations parent Account	null
SecondaryUnitOfMeasureName	Name of the Account Codes selected Secondary Unit of Measure	null
UnitOfMeasureName	Name of the Account Codes selected Unit of Measure	Ton
UserTag1Code	Accounts Codes assigned Tag 1 field value	null
UserTag2Code	Accounts Codes assigned Tag 2 field value	null
UserTag3Code	Accounts Codes assigned Tag 3 field value	null
UserTag4Code	Accounts Codes assigned Tag 4 field value	null
UserTag5Code	Accounts Codes assigned Tag 5 field value	null
UserTag6Code	Accounts Codes assigned Tag 6 field value	null
UserTag7Code	Accounts Codes assigned Tag 7 field value	null
UserTag8Code	Accounts Codes assigned Tag 8 field value	null
UserTag9Code	Accounts Codes assigned Tag 9 field value	null
UserTag10Code	Accounts Codes assigned Tag 10 field value	null
UserTag11Code	Accounts Codes assigned Tag 11 field value	null
UserTag12Code	Accounts Codes assigned Tag 12 field value	null
UserTag13Code	Accounts Codes assigned Tag 13 field value	null
UserTag14Code	Accounts Codes assigned Tag 14 field value	null
UserTag15Code	Accounts Codes assigned Tag 15 field value	null
UserTag16Code	Accounts Codes assigned Tag 16 field value	null
UserTag17Code	Accounts Codes assigned Tag 17 field value	null
UserTag18Code	Accounts Codes assigned Tag 18 field value	null
UserTag19Code	Accounts Codes assigned Tag 19 field value	null

UserTag20Code	Accounts Codes assigned Tag 20 field value	null
BidMasterJobUID	Identifier of the Job record from the Jobs table in the BidMaster database.	96564a7d-622b-411b-a8ab-0db3196fab04
BidMasterJobCode	Value of the Code field on the Overview tab of Job Properties in the Estimate Application	Training Job
LastUpdateID	Field for internal use only	3270
IsActive	Indicates if record is active.	true
CreatedById	System generated Id, will always represent the system, not actual users. This field is for internal use only.	1
CreatedDate	Date/timestamp record is entered	2024-03-21T22:10:42.4384246Z
ModifiedById	System generated Id, will always represent the system, not actual users. This field is for internal use only.	1
ModifiedDate	Date/timestamp record is modified	2024-03-21T22:10:42.4384246Z

Sample


```
{
        "AccountUtilizationsReferencedDataId": 606587,
        "AccountUtilizationsReferencedDataUF": "513b8e1f-650d-056d-253d-
41f29703fa38",
        "AccountUtilizationsReferencedDataUID": "c76dc462-0726-4476-8d96-
4c418e6c513c",
        "AccountCode": "1120.100",
        "AlternateSecondaryUnitOfMeasureName": null,
        "AlternateUnitOfMeasureName": "Kilogram",
        "CurrencyName": "U.S. Dollar",
        "CurrentBudgetCurrencyName": "U.S. Dollar",
        "CurrentBudgetUnitOfMeasureName": "Ton",
        "OriginalBudgetCurrencyName": "U.S. Dollar",
        "OriginalBudgetUnitOfMeasureName": "Ton",
        "ParentCode": null,
        "SecondaryUnitOfMeasureName": null,
        "UnitOfMeasureName": "Ton",
        "UserTag10Code": null,
        "UserTag11Code": null,
        "UserTag12Code": null,
        "UserTag13Code": null,
        "UserTag14Code": null,
        "UserTag15Code": null,
        "UserTag16Code": null,
        "UserTag17Code": null,
        "UserTag18Code": null,
        "UserTag19Code": null,
        "UserTag1Code": null,
        "UserTag20Code": null,
        "UserTag2Code": null,
        "UserTag3Code": null,
        "UserTag4Code": null,
        "UserTag5Code": null,
        "UserTag6Code": null,
        "UserTag7Code": null,
        "UserTag8Code": null,
        "UserTag9Code": null,
        "BidMasterJobUID": "96564a7d-622b-411b-a8ab-0db3196fab04",
        "BidMasterJobCode": "Training Job",
        "LastUpdateID": 3270,
        "IsActive": true,
        "CreatedById": 1,
        "CreatedDate": "2024-03-21T22:10:42.4384246Z",
        "ModifiedById": 1,
        "ModifiedDate": "2024-03-21T22:10:42.4384246Z"
    }
```

Data Validation

This data can be validated by navigating to the Account Code Utilization Register (ACUR).

Figure 1: Account Code Utilization Register (ACUR)

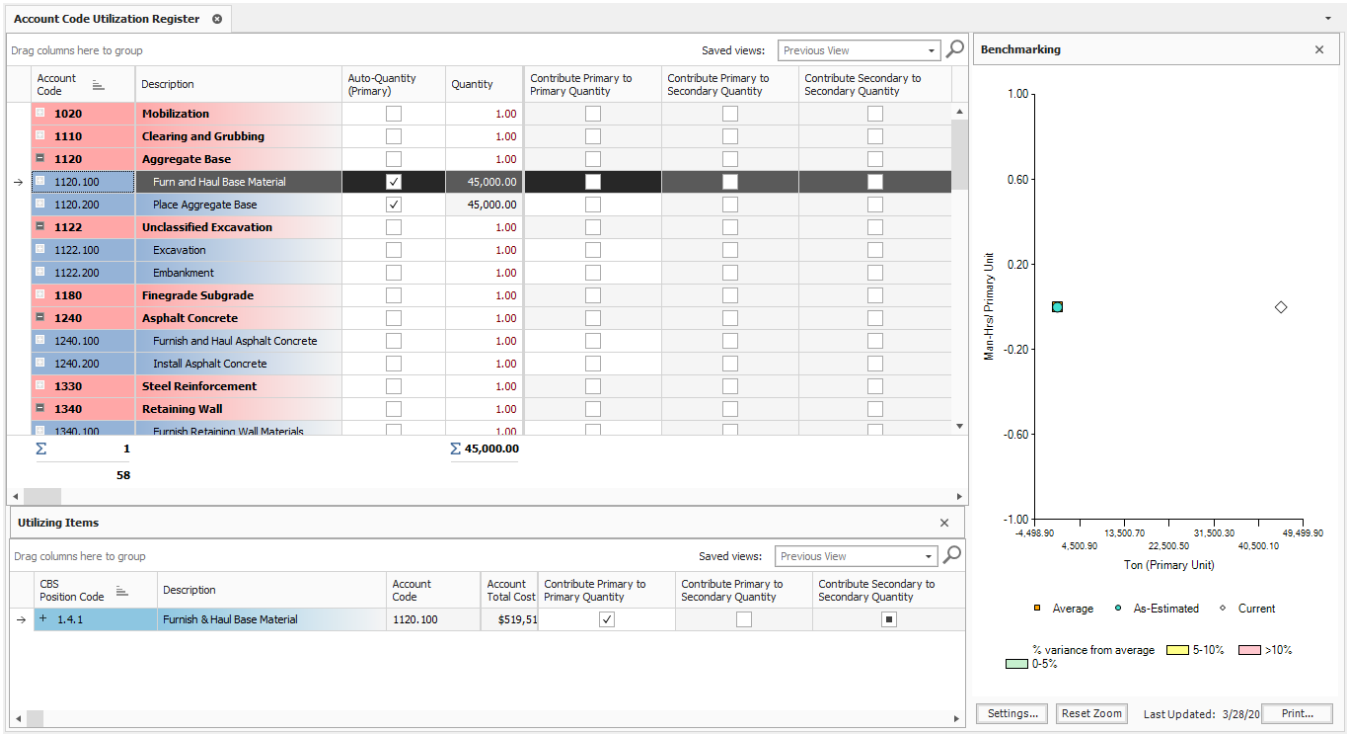
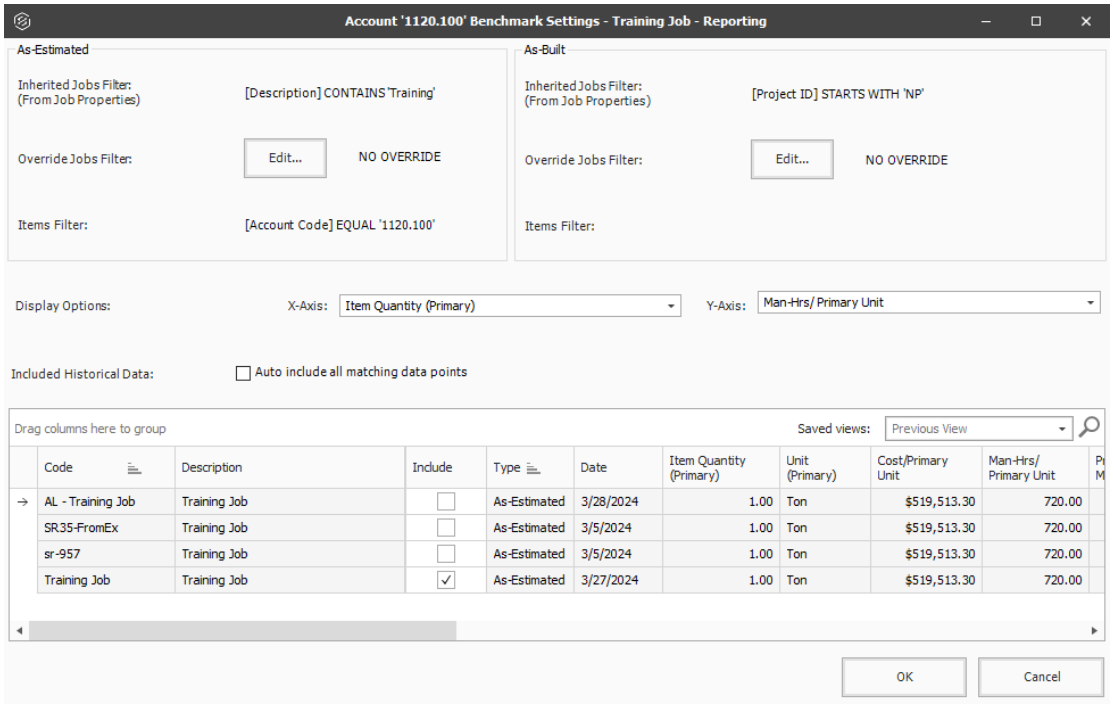



Figure 2: Benchmark Settings Dialog for an Account Utilization Record