Explore API Documentation

SelfService_Estimate_AccountEmploymentUtilizationsReferencedData

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	2-Apr-2024	Initial release	Aaron Cohen
1.2	20-Oct-2025	Updated data refresh	Litzy Mora

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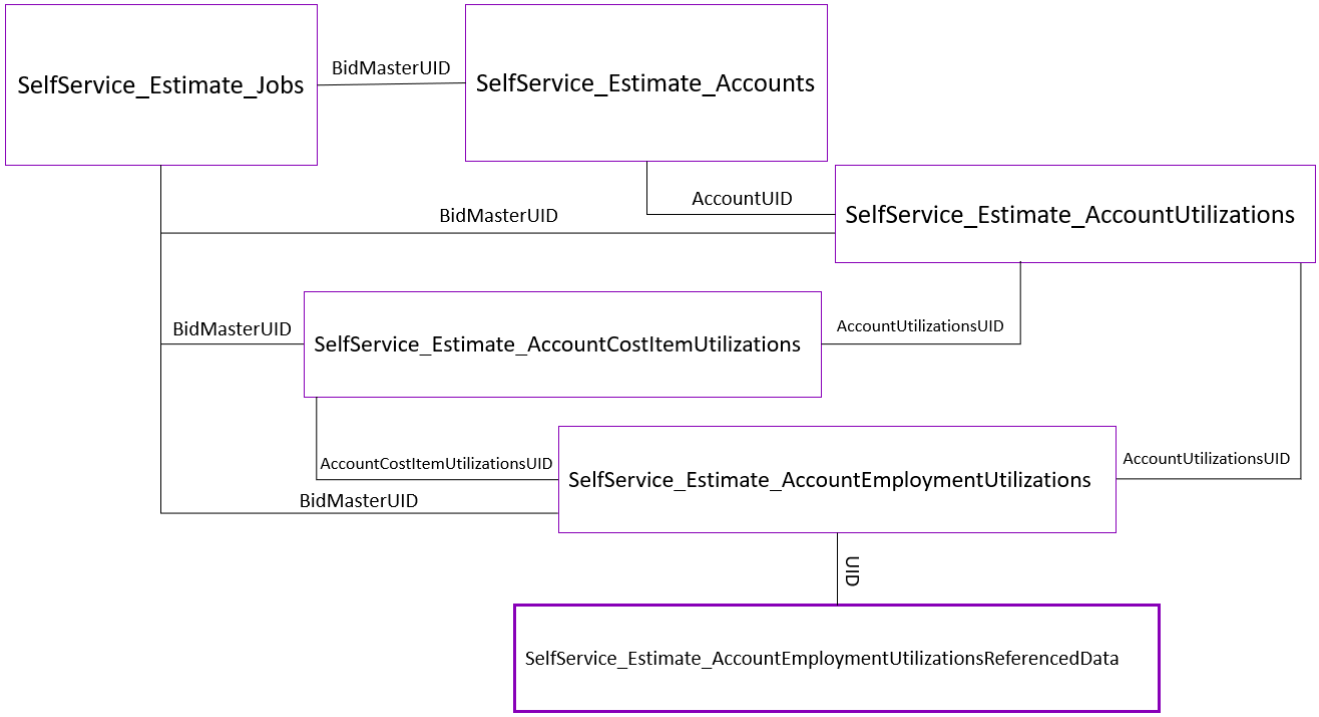
Overview

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_AccountEmploymentUtilizationsReferencedData*** API provides the referenced data values for utilizing item records for each Resource Employment contributing to an Account Code as indicated in the Utilizing Items pane of the Account Code Utilization Register (ACUR).

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality[1]	Comment
AccountEmploymentUtilizations ReferencedData (AEURD)	Jobs (J)	AEURD.BidMasterJobUID = J.BidMasterJobUID	M:1	
AccountEmploymentUtilizations ReferencedData (AEURD)	AccountEmployment Utilizations (AEU)	AEURD.UID = AEU.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_AccountEmploymentUtilizationsReferencedData
Replicate View		SelfService.vwEstimateAccountEmploymentUtilizationsReferencedData
Data Refresh/Delta/Incremental Loads		This API must be run as a full refresh each time. Reporting ODS refresh is every 15 minutes.
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
AccountEmploymentUtilizationsReferencedDataId	bigint	8	19	0	Estimate	X
AccountEmploymentUtilizationsReferencedDataUF	uniqueidentifier	16	0	0	Estimate	
AccountEmploymentUtilizationsReferencedDataUID	uniqueidentifier	16	0	0	Estimate	
AccountCode	nvarchar	50	0	0	Estimate	
AccountUtilizationCode	nvarchar	50	0	0	Estimate	
CurrencyName	nvarchar	400	0	0	Estimate	
EmploymentRowNumber	int	4	10	0	Estimate	
BidMasterJobUID	uniqueidentifier	16	0	0	Estimate	
BidMasterJobCode	nvarchar	400	0	0	Estimate	
LastUpdateID	int	4	10	0	Estimate	
IsActive	bit	1	1	0	Estimate	
CreatedById	bigint	8	19	0	Estimate	
CreatedDate	datetimeoffset	10	34	7	Estimate	
ModifiedById	bigint	8	19	0	Estimate	
ModifiedDate	datetimeoffset	10	34	7	Estimate	

Field Descriptions

Name	Description	Example
AccountEmploymentUtilizationsReferencedDataId	Unique identifier assigned to each record in the table	606539
AccountEmploymentUtilizationsReferencedDataUF	System generated field, for internal use only	acf24562-2111-019d-19ef-89012f1d6691
AccountEmploymentUtilizationsReferencedDataUID	Identifier of the utilization record for Resource Employments utilizied by an Account Code	3aa40f1f-433a-4086-b144-84b23672cd95
AccountCode	Value of the Resource Employments Account Code	1120.100
AccountUtilizationCode	Field for internal use only	null
CurrencyName	Name of the Resource Employments assigned Currency	U.S. Dollar
EmploymentRowNumber	Row number of the Resource Employment	1
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	2024-03-21T22:10:41.0946839Z
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	2024-03-21T22:10:41.0946839Z

Sample


```
{
        "AccountEmploymentUtilizationsReferencedDataId": 606539,
        "AccountEmploymentUtilizationsReferencedDataUF": "acf24562-2111-019d-19ef-89012f1d6691",
        "AccountEmploymentUtilizationsReferencedDataUID": "3aa40f1f-433a-4086-b144-84b23672cd95",
        "AccountCode": "1120.100",
        "AccountUtilizationCode": null,
        "CurrencyName": "U.S. Dollar",
        "EmploymentRowNumber": 1,
        "BidMasterJobUID": "96564a7d-622b-411b-a8ab-0db3196fab04",
        "BidMasterJobCode": "Training Job",
        "LastUpdateID": 3270,
        "IsActive": true,
        "CreatedById": 1,
        "CreatedDate": "2024-03-21T22:10:41.0946839Z",
        "ModifiedById": 1,
        "ModifiedDate": "2024-03-21T22:10:41.0946839Z"
}
```


Data Validation

This data can be validated by navigating to the Account Code Utilization Register (ACUR). Utilized Cost Items appear in the Utilizing Items pane of the ACUR

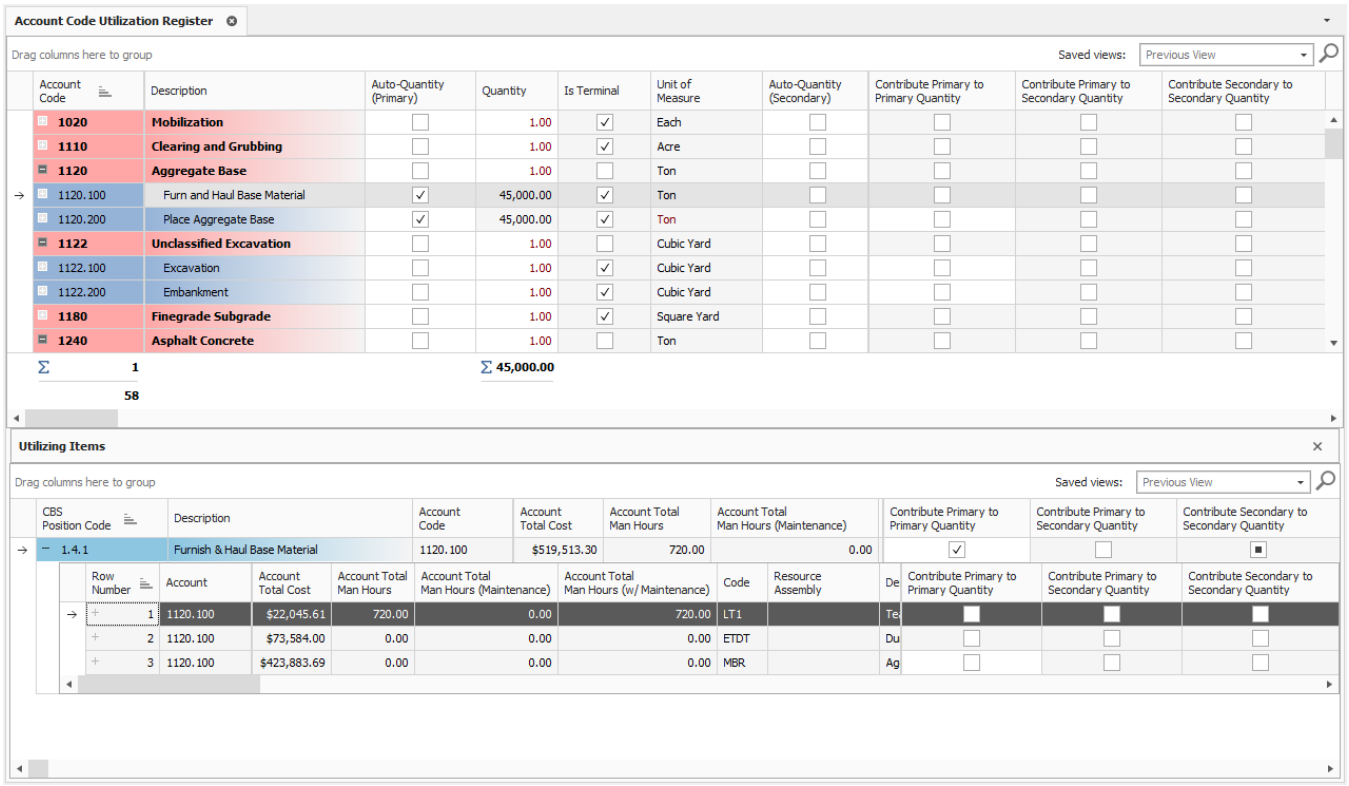



Figure 1: Account Code Utilization Register (ACUR), Utilizing Items pane