



Explore API Documentation

SelfService_Estimate_UserTagReferencedData

Version 1.0

Last Modified: 11/14/2023

Last Modified By: Natalie Takacs



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	3/31/2022	Initial draft	Natalie Takacs

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Overview

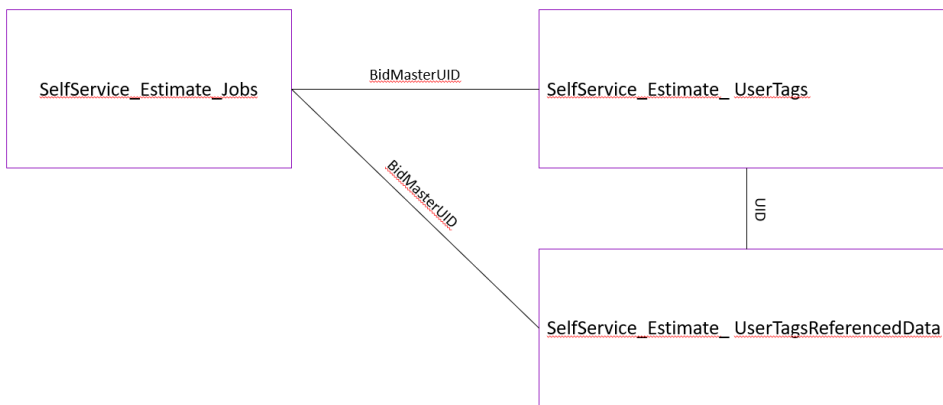
The **SelfService_Estimate_UserTagsReferencedData** API provides the list of User defined Tag field values in each job.

The **SelfService_Estimate_UserTagsReferencedData** contains the values of foreign key lookup values stored in reference table and can provide a convenient way to reference data as it appears in the application without needing to lookup the foreign key values from a related lookup table.

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality ¹	Comment
UserTagsReferencedData (UTRD)	UserTags (UT)	UTRD.UID = UT.UID	1:1	
UserTagsReferencedData (UTRD)	Jobs (J)	UTRD.BidMasterJobUID = J.BidMasterJobUID	M:1	

SelfService_Estimate_UserTagsReferencedData



API Detail

Direction	From Project Suite
Pagination	50,000 Rows

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



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 Name	SelfService_Estimate_UserTagReferencedData	
Data Refresh/Delta/Incremental Loads		
Project Suite	Starting Version	21.5
	Ending Version	N/A

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	CharMaxLen gth	NumericPreci sion	DatePrecis ion	Produ ct	P K
EstimateUserTagReferencedDataId	bigint	8	19	0	Estimate	X
EstimateUserTagReferencedDataUF	uniqueidentifier	16	0	0	Estimate	
EstimateUserTagReferencedDataUID	uniqueidentifier	16	0	0	Estimate	
FieldCaption	nvarchar	4000	0	0	Estimate	
RegisterDescription	nvarchar	100	0	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	Report	
CreatedById	bigint	8	19	0	Report	
CreatedDate	datetimeoffset	10	34	7	Report	
ModifiedById	bigint	8	19	0	Report	
ModifiedDate	datetimeoffset	10	34	7	Report	

Field Descriptions

Name	Description	Example
EstimateUserTagReferencedDataId	Unique identifier assigned to each record in the table	1

EstimateUserTagReferencedDataUF	System generated field, for internal use only	N/A
EstimateUserTagReferencedDataUID	Unique identifier for the User Tag Not visible in the Interface	03F4FA78-C734-4970-B85F-B6C3495E735D
FieldCaption	Field for internal use only	Null
RegisterDescription	Description of the Register that uses the UserTag	Cost Items
BidMasterJobUID	Job identifier of the User Tag entry from the Jobs table. Not visible in the interface.	6E5BB7DD-BF42-4DB1-8393-BD78ED5D3620
BidMasterJobCode	Unique Identifier for the Job Code	Training Job
LastUpdateID	Field for internal use only	1
IsActive	Indicates if record is active. Please note: records will become inactive if a user un-syncs a job from Estimate application	True = 1 False = 0
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	2022-02-21 17:47:05.4923658 +00:00
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	2022-02-21 17:47:05.4923658 +00:00

Commented [SJ1]: There doesn't seem to be any data in this field.

Sample

```
{ "EstimateUserTagReferencedDataId":8355, "EstimateUserTagReferencedDataUF": "6a8d5399-4273-08e7-1206-f80fb54ea0a7", "EstimateUserTagReferencedDataUID": "03f4fa78-c734-4970-b85f-b6c3495e735d", "FieldCaption": null, "RegisterDescription": "Cost Items", "BidMasterJobUID": "6979a9e1-8547-4197-aa59-4eccfc10d3fa", "BidMasterJobCode": "COPY 1 OF Alpha RAND 30534024", "LastUpdateID": 48, "IsActive": false, "CreatedById": 1, "CreatedDate": "2022-01-25T16:12:53.2838665Z", "ModifiedById": 1, "ModifiedDate": "2022-02-04T21:53:16.4774379Z" }
```



Data Validation

This data can be validated by navigating to Job-> Setup -> Foundation Setup Data-> Tags in the drop down. This navigates the user to the Tags tab in Foundation Setup data.

Figure 1: Foundation Setup data -> Tags tab

The screenshot shows a software interface with a menu bar (File, Setup, Estimate, Quote, Price, Execution, System, Integrations, Actions) and a toolbar with various icons. Below the toolbar is a tabbed interface with 'Cost Breakdown Structure (CBS) Register' and 'Foundation Setup Data Register' selected. The 'Foundation Setup Data Register' has several sub-tabs: 'Account Codes', 'Tags', 'Work Breakdown Structures', 'Quantity Roll-Ups', 'Quote Group Tags', 'Units of Measure', 'Currencies', 'Resource / Assembly Files', 'Geographic Areas', and 'Wage Zones'. The 'Tags' sub-tab is active, displaying a table with columns: Code, Description, Register, and Field. The table contains 30 rows of data, including items like Landscaping, Aggregate Base, Bridge, Class 250, Commercial, Concrete, Estimator, Footing, Guardrail, Hourly, Job Overhead, Manhole, Non Union, Paint, Pave, Pipe, Pipe DIP, Pipe PVC, and Pipe RCP.

Code	Description	Register	Field
Landscaping		Contacts	Tag 1
Aggregate Base	Aggregate Base	Resources	Tag 1
Bridge	Bridge	Cost Items	Tag 2
Bridge	Bridge	Pay Items	Tag 1
Bridge	Bridge	Resources	Tag 2
Class 250	Class 250	Resources	Tag 2
Class III	Class III	Resources	Tag 2
Commercial	Commercial	Pay Items	Tag 1
Commercial	Commercial	Cost Items	Tag 2
Concrete	Concrete	Contacts	Tag 1
Concrete	Concrete		
Concrete	Concrete	Resources	Tag 1
Estimator 1	Estimator 1	Cost Items	Tag 1
Estimator 2	Estimator 2	Cost Items	Tag 1
Estimator 3	Estimator 3	Cost Items	Tag 1
Estimator 4	Estimator 4	Cost Items	Tag 1
Footing	Footing	Cost Item Assembly Calcula...	Tag 1
Guardrail	Guardrail	Contacts	Tag 1
Guardrail	Guardrail	Pay Items	Tag 1
Guardrail	Guardrail	Cost Items	Tag 2
Hourly	Hourly	Resources	Tag 2
Job Overhead	Job Overhead	Cost Items	Tag 2
Manhole	Manhole	Resources	Tag 2
Non Union	Non Union	Resources	Tag 1
Paint	Paint	Resources	Tag 1
Pave	Pave	Resources	Tag 1
Pipe	Pipe	Contacts	Tag 1
Pipe	Pipe		
Pipe DIP	Pipe DIP	Resources	Tag 1
Pipe PVC	Pipe PVC	Resources	Tag 1
Pipe RCP	Pipe RCP	Resources	Tag 1