Explore API Documentation

SelfService_Core_MeasurementType

Version 1.0

Last Modified: 11/21/2024

Last Modified By: Litzy Mora

© 2024 InEight, Inc. All rights reserved.

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	30-Aug-2022	Initial release	Litzy Mora

Contents

Change Log....2
Overview....3
Relationships and Dependencies....3
API Detail....3
Supported Filters....4
Fields....4
Field Descriptions....4
Sample....4
Data Validation....5

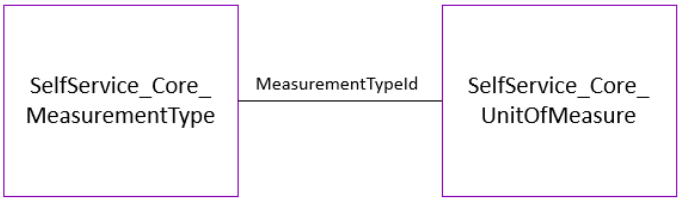
Overview

This API shows Measurement type data as assigned in the master data libraries

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality[1]	Comment
SelfService_ Core_MeasurementType (MT)	SelfService_Core_UnitOfMeasure (UOM)	MT.MeasurementTypeId= UOM.Measurement_type_Id	1:M	

Core_MeasurementType



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_Core_MeasurementType
Data Refresh/Delta/Incremental Loads	The data in this API is on a trigger-based refresh, fresh data should appear in 5 minutes or less.

[1] *1:M = One to Many, 1:1 = One to One, M:1 = Many to one*

Project Suite	Starting Version	22.8
	Ending Version	N/A

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	CharMaxLength	NumericPrecision	DatePrecision	Product	PK
BaseUnitOfMeasure	nvarchar	510	0	0	Core	
CreatedByFullName	nvarchar	402	0	0	Core	
CreatedDate	datetimeoffset	10	34	7	Core	
IsActive	bit	1	1	0	Core	
MeasurementTypeId	bigint	8	19	0	Core	X
MeasurementTypeName	nvarchar	200	0	0	Core	

Field Descriptions

Name	Description	Example
BaseUnitOfMeasure	Name of the base UOM	Square Meter
CreatedByFullName	The name of the individual that created the record	Service Account
CreatedDate	The date on which the User record was created	2017-01-26 16:48:11.2919577 +00:00
IsActive	1' means active and '0' means inactive	1
MeasurementTypeId	Id that corresponds to the type of measurement for the UoM	1
MeasurementTypeName	Name of the Measurement Type	Area

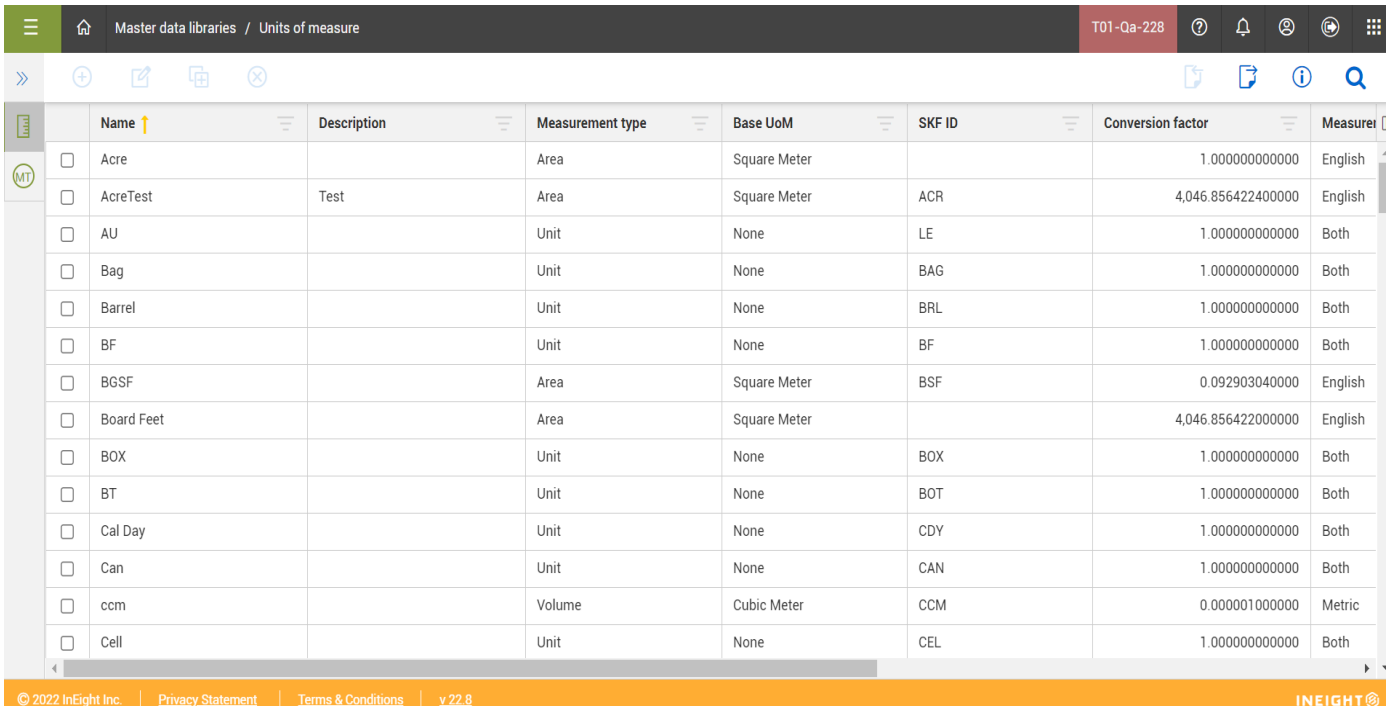
Sample


```
"MeasurementTypeId":1,"MeasurementTypeName":"Area","BaseUnitOfMeasure":"Square Meter","CreatedByFullName":"Service Account","CreatedDate":"2017-01-26T16:48:11.2919577Z","ModifiedByFullName":"User 1”,"ModifiedDate":"2022-07-20T05:26:07.3617304Z","IsActive":true
```

Data Validation

This data can be validated by navigating to master data libraries, selecting units of measurement and the measurement types

Figure 1: Master data libraries > Units of measure > Measurement type fields



Name	Description	Measurement type	Base UoM	SKF ID	Conversion factor	Measurer
Acre		Area	Square Meter		1.000000000000	English
AcreTest	Test	Area	Square Meter	ACR	4,046.856422400000	English
AU		Unit	None	LE	1.000000000000	Both
Bag		Unit	None	BAG	1.000000000000	Both
Barrel		Unit	None	BRL	1.000000000000	Both
BF		Unit	None	BF	1.000000000000	Both
BGSF		Area	Square Meter	BSF	0.092903040000	English
Board Feet		Area	Square Meter		4,046.856422000000	English
BOX		Unit	None	BOX	1.000000000000	Both
BT		Unit	None	BOT	1.000000000000	Both
Cal Day		Unit	None	CDY	1.000000000000	Both
Can		Unit	None	CAN	1.000000000000	Both
ccm		Volume	Cubic Meter	CCM	0.000001000000	Metric
Cell		Unit	None	CEL	1.000000000000	Both