



## **Other Assets**

Creating Assets Using T-SQL Queries

<b>TITLE</b>	Other Assets
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# 1. Introduction

This document describes how you can create objects of the Other Asset type in the Docusnap CMDB using T-SQL queries. This allows you to import data from other sources to the database in regular intervals.

A possible use case scenario would be the regular import of other asset objects, e.g. of the iPhone type from a different source such as another SQL database. This document does not discuss the regular import, but rather the manual creation of objects.

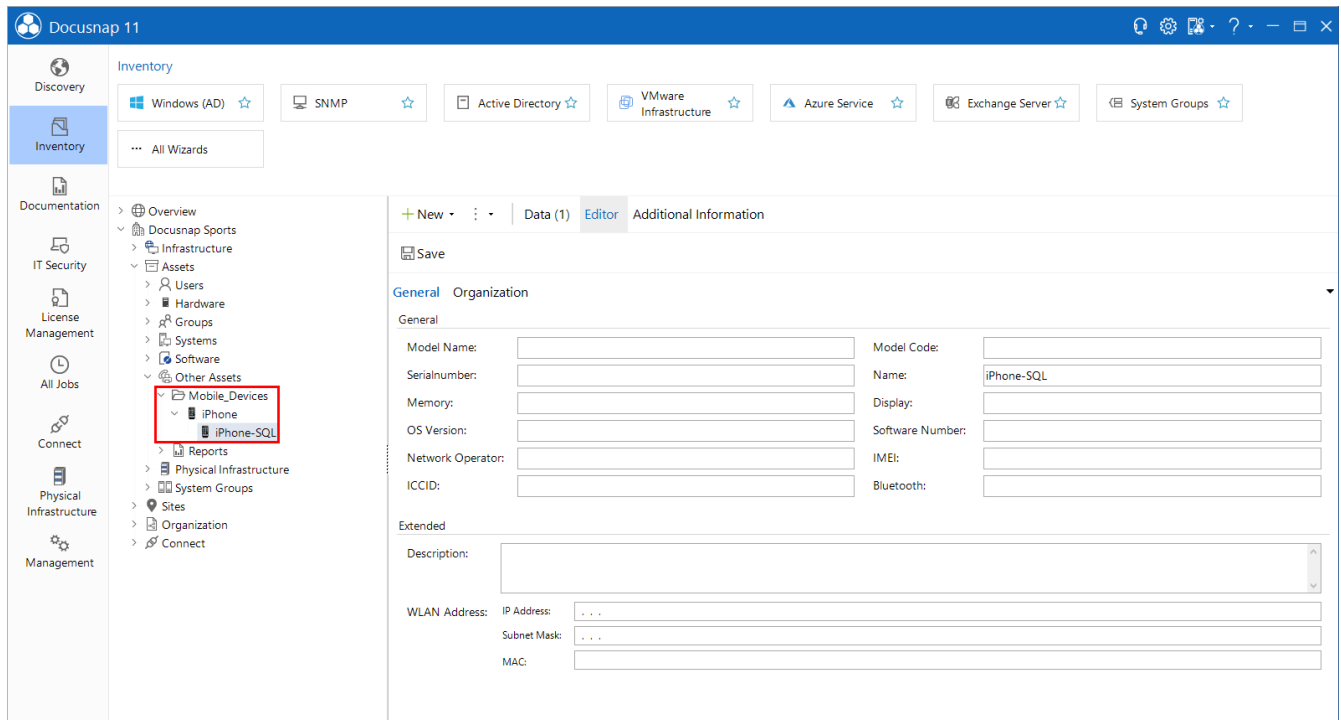


Figure 1 – Result

To reduce the complexity of this topic, we will restrict the description of the database structure to the extent that is necessary for this example.

## 1.1 Prerequisites

This HowTo document does not explain the basic structure of objects of the Other Assets type. Therefore, we assume that you already know the contents of the “Other Assets” HowTo document. This HowTo document is part of the Docusnap X – Other Assets Docusnap Knowledge Base. Additionally, SQL knowledge is required.

## 2. Creating Directories

To create directories in the hierarchical structure below Other Assets node, use the tGODirectory table.

ParentID	AccountID	Name
ID of the parent directory. If there is no parent directory, the value is -1.	AccountID of the company that holds the directory.	Name of the directory

### 2.1 Example

Creating a new directory named *Mobiles*

```
INSERT INTO tGODirectory (ParentID, AccountID, Name)
VALUES (-1, (SELECT AccountID FROM tAccounts WHERE AccountName = 'Docusnap AG'), 'Mobiles')
```

In this example, a directory named **Mobiles** is created for the company Docusnap AG.

### 2.2 Result

The directory now resides in the Docusnap CMDB and will be displayed accordingly in the GUI (see the figures 2 and 3).

```
SELECT * FROM tGODirectory
```

	DirectoryID	ParentID	AccountID	Name
1	5	-1	1	Mobile_Devices

Figure 2 – Directory – database

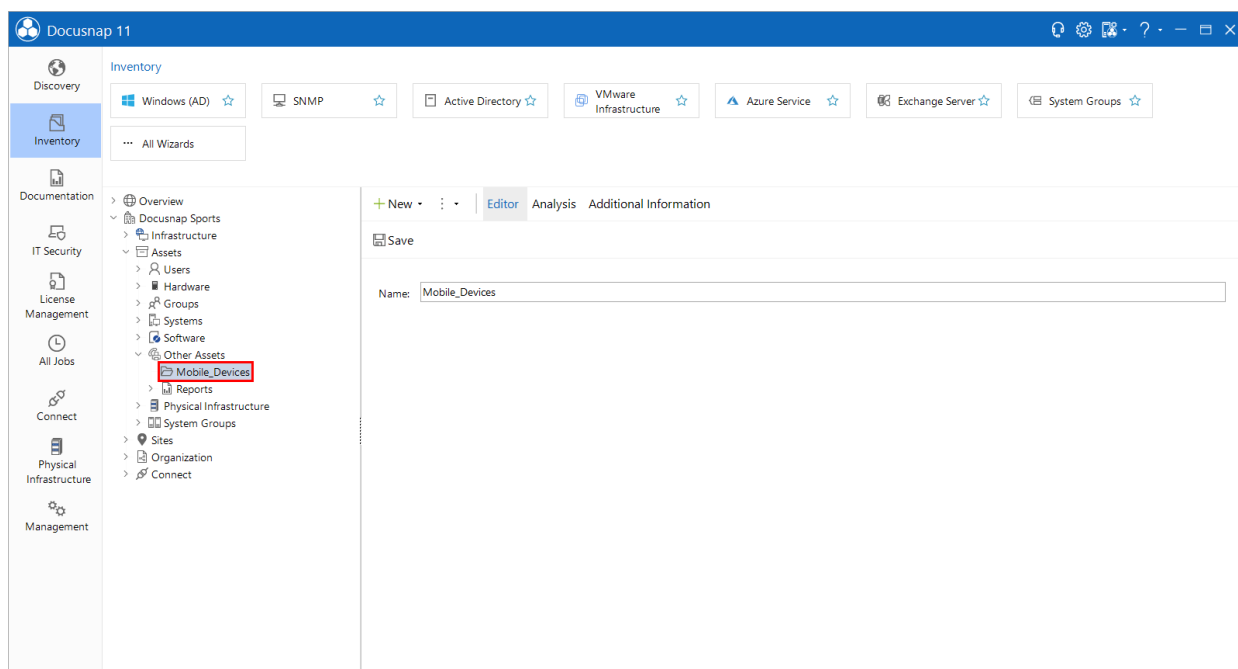


Figure 3 – Directory – Docusnap GUI





## 5. Populating the Object Properties

To populate the object properties, you first need to query the necessary PropertyIDs of the previously selected class. To do so, use the following statement:

```
SELECT tGOProperty.PropertyID, tGOProperty.PropertyName, tGOTab.ClassID FROM tGOProperty, tGOSection, tGOTab
WHERE tGOProperty.SectionID = tGOSection.SectionID AND tGOSection.TabID = tGOTab.TabID
AND tGOTab.ClassID = '2C34152A-C35D-4AFE-ADD3-83C63F2CC332'
```

The statement lists all properties of the class with the selected ClassID.

	PropertyID	PropertyName	ClassID
1	2DF89994-8E2C-4E16-B141-A321BD3DFE6D	Site	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
2	ACE7A08E-512D-4A9F-9041-B17A3B97931B	Rack StartHeightUnits	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
3	8F87B08D-9BF5-4D17-8960-CA45E84D321D	Rack	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
4	E8BE12BC-B0E1-4843-B9AC-F8C844A993D6	RackNumberOfHeightUnits	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
5	BF3A608B-2083-4528-81F9-13141E0D57AC	Description	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
6	68BDCDF9-6D64-4D79-88C0-90DF737CD58D	WLAN Address	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
7	7E525882-C026-43AD-AC11-118C81CB870B	Software Number	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
8	67908194-6CF5-4CBF-A065-1BEF8AA85ECE	Model Code	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
9	4497C292-5A13-47CE-92D9-2726AC65A8C7	Network Operator	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
10	E0226865-5EC5-4213-990A-2EEB1C8755CF	Serialnumber	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
11	B3E26DF7-BAE8-4D72-B94E-4002B5B19581	Model Name	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
12	80F8DA4F-E43C-428C-8F0C-538BA1498FC3	IMEI	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
13	20C5DB58-8C44-4588-99F0-5C794C7C2A41	Memory	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
14	02B897A9-FF8E-44B0-8892-64609DFF4679	Display	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
15	6E5362A0-2021-4A34-8DC4-729DF9884553	Name	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
16	A5668A55-8E26-4CE7-A2BF-9325586FCB12	ICCID	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
17	882E08B7-B190-4F1B-A760-97AA9E041280	OS Version	2C34152A-C35D-4AFE-ADD3-83C63F2CC332
18	C81CFE7C-C7A1-4D00-9074-EE7940D6D5BE	Bluetooth	2C34152A-C35D-4AFE-ADD3-83C63F2CC332

Figure 8 – Identifying the asset properties

### 5.1 Example

In the following example, you will fill the *Name* property. For this purpose, you first need to create the corresponding value for the previously selected object and property in the tGOValue table.

ObjectID	PropertyID	ObjectValue
ObjectID of the previously created object – <b>determined in section 4.2</b>	PropertyID – <b>determined in section 5</b>	Value of the property

You can use the following statement to create a value for the Name property of the iPhone object created above:

```
INSERT INTO tGOValue (ObjectID, PropertyID, ObjectValue)
VALUES (1, '6E5362A0-2021-4A34-8DC4-729DF9884553', 'iPhone SQL')
```



## 5.2 Result

The object now resides in the Docusnap CMDB and will be displayed accordingly in the GUI.

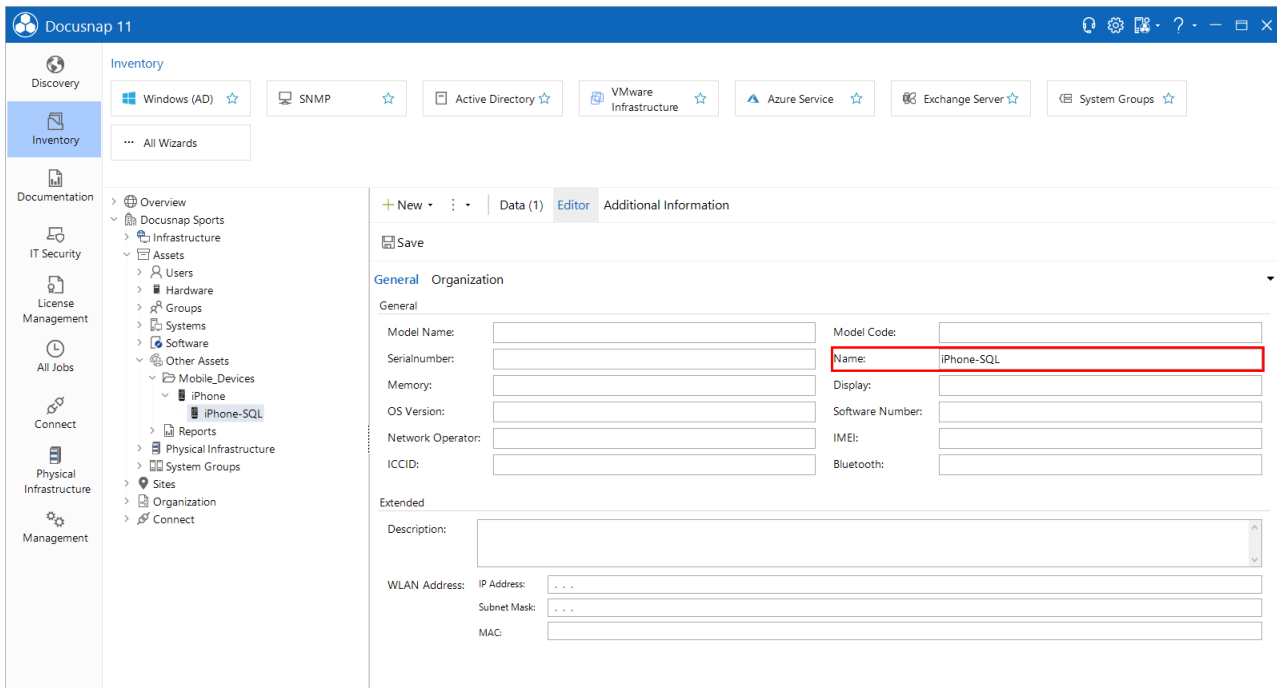


Figure 9 – Object property populated – Docusnap GUI

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## VERSION HISTORY

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Date	Description
9/25/2017	Version 1.0 – initial creation of the HowTo document
10/24/2018	Version 1.1 – Screenshots adapted
04/27/2020	Version 2.0 - Revision of the HowTos for Docusnap 11

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