Hiding a cube dimension in tX2012

Introduction

This document describes how to hide a dimension in a cube. This is especially relevant if dimensions have been added solely for drill-through purposes. By hiding the dimension one can ensure that the front-end user does not by mistake drag a large drill-through dimension into a query which may subsequently bring the OLAP server to a standstill.

Step by step guide

1. Create a new OLAP script action in tX2012

🔲 Data 👶 Cubes	🔅 Execution 🔔 Warnings 🤤 Errors
🖃 📲 OLAP Servers	
🗄 💡 OLAP	
🚊 🚜 Cubes	
🗄 🥥 Sales	3
🖃 🐗 Dimensio	ns
🕀 🐺 Caler	ndar
🕀 🐺 Custo	omers
Script Ac	tions
	🔄 Add Custom Step
	Open in New Window

2. Add the following script in the custom step dialog

```
<Script>

<AddNameSpace Alias="my"

AddNameSpace="http://schemas.microsoft.com/analysisservices/2003/engine"/>

<InsertEnd Node="//my:Dimension[my:ID ='']" SearchType="Path" Operator="All">

<Visible>false</Visible>

</InsertEnd>

</Script>
```

3. Drag the dimension to hidden and drop it between the two single quotation marks. By doing so one ensures not to break the code should the dimension later be renamed.

Jet Data Manager Server	5013	and the second second	
Add Custom Step			
Name Hide Customer Dimension			
<script> <AddNameSpace Alias: <InsertEnd Node="// <Visible>false</V: </InsertEnd> </script> A parameter w and dropping t Please make su Name Image: Customers	"my" AddNameSpace="http://s ny:Dimension[my:ID ='[Custon sible> II be auomatically created when dragging he dimension. If the variant is set to 'Dimension name' III Object Name/Value Customers	schemas.microsoft.com/analys mers]'" SearchType="Path" Op Drag the cube dimension Variant Dimension name	OLAP Cubes Sales Cube Dimensions Calendar Customers Calendar Customers Customers Value
Hide Parameters Show Scrip	ot 💿 Show Translation 📄 <u>W</u> ord Wrap		<u>OK</u> Cancel

Add a name to the script and hit 'OK'.

4. Add the script to the cube as an inline script



Select the script from the Inline Script dropdown box.

🚺 Jet Data Manager Server				
Edit cube		ОК		
Name	Sales	Cancel		
Fact tables	Calendar Customers OrderLines			
	Enable WriteBack 🔲 Allow Dimension Key Errors 🔽			
	Incremental Load			
Log Directory		<i>i</i>		
Log File Name				
Inline Script	<none> ▼ <none> Hide Customer Dimension</none></none>			
Language	Danish (Denmark) 👻			

5. Deploy and execute

After deployment and execution the dimension is no longer visible in the cube