

# METADATA BROWSER v3.01

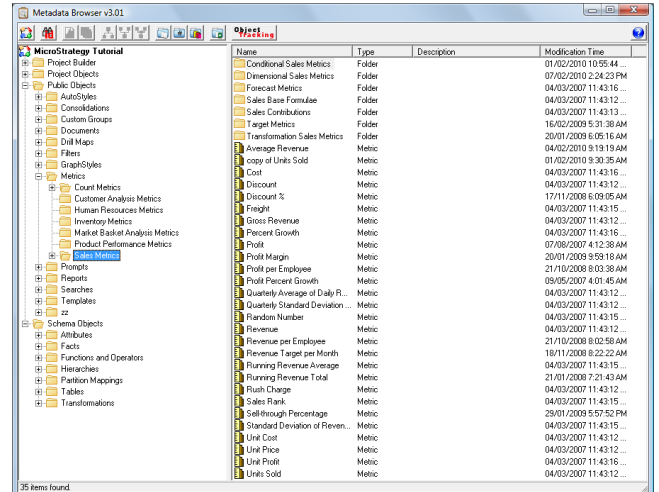
## What is this?



## Metadata Browser

Metadata Browser is an application designed in order to experiment and learn. Its features include:

- Navigation through a project
- Search by ID
- Retrieval of components, dependents and recurring dependents
- Documentation tool
- Object type count tool
- Change Journal Tools
- Deployment List
- Object Tracker
- God mode (for access to hidden system files)

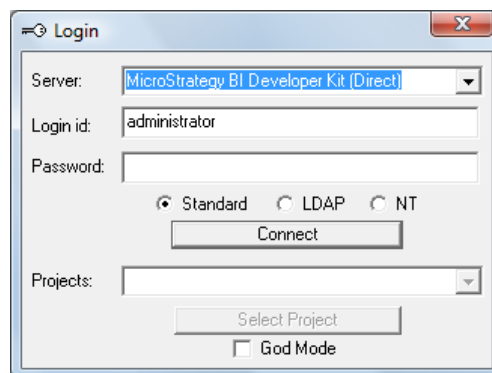


## Uuu, what does this button do?



## Change connection

Use this button if you wish to connect to a different project using Standard, LDAP or NT authentication.



**Important note:** If you are an admin you may chose to log in using the “God Mode” function. This will enable Metadata Browser to bypass all access rights filters applied to a normal user, and thus gain explore access to the system folders and other hidden objects. If you are not an admin and you chose to use this function, chances are that the application will crash.

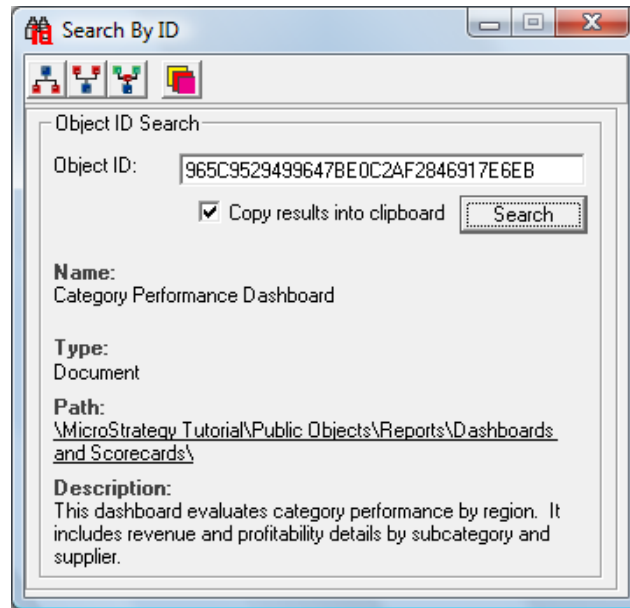


## Search by ID

This function offers the opportunity of searching an object based on its ID.

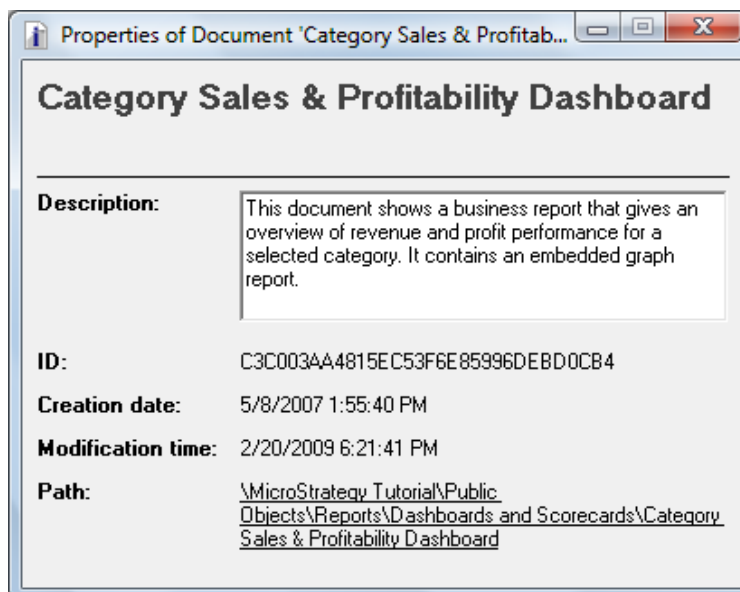
After an object is found, its name is copied to clipboard. You can disable this behavior by deselecting the “Copy results to clipboard” checkbox, which is checked by default.

Notice that once an object is found you can find its components and dependents by pressing the toolbar buttons.



## Properties

This button displays the properties of the selected object.



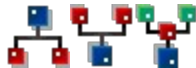


## Change Journal

This function only works with MicroStrategy 9.0 and it displays the Change Journal entries made for the selected object.

Username	TimeStamp	Machine	Change Type	Transaction Type	Comments
Administrator	2/7/2010 11:03:21 AM	SORIN-PC	Create	Save	
Administrator	2/7/2010 11:03:33 AM	SORIN-PC	Change	Save	Object renamed from 'New Filter' to '1'
Administrator	2/7/2010 11:03:57 AM	SORIN-PC	Change	Save	
Administrator	2/7/2010 11:04:07 AM	SORIN-PC	Change	Save	Object renamed from '1' to 'Filtereer'
Administrator	2/7/2010 11:09:40 AM	SORIN-PC	Change	Save	
Administrator	2/7/2010 11:09:45 AM	SORIN-PC	Change	Save	

If this function is called in a MicroStrategy environment previous to 9.0 the following error message will be returned:



## Components, Dependents, Recurring Dependents

Pressing one of these buttons will retrieve the “relatives” of the selected object.

You can then see the properties of any retrieved object, get its “relatives” and export the current list to Excel.

Name	Type	Description	Path
Balanced Scorecard	Document ...		\\MicroStrategy Tutorial\Public Objects\VR...
Balanced Scorecard	Document ...		\\MicroStrategy Tutorial\Public Objects\VR...
Balanced Scorecard	Document ...		\\MicroStrategy Tutorial\Public Objects\VR...
Balanced Scorecard	Document ...		\\MicroStrategy Tutorial\Public Objects\VR...
Balanced Scorecard Dataset	Grid		\\MicroStrategy Tutorial\Public Objects\VR...
Balanced Scorecard Strategy Map	Document ...		\\MicroStrategy Tutorial\Public Objects\VR...
Balanced Scorecard Strategy Map	Document	This document shows a balanced scorec...	\\MicroStrategy Tutorial\Public Objects\VR...
Bar Chart - Revenue, Cost and Profi...	Graph		\\MicroStrategy Tutorial\Public Objects\VR...
BSC Inventory Summary	Grid		\\MicroStrategy Tutorial\Public Objects\VR...
Call Center Analysis	Grid	This template allows users to build new Ca...	\\MicroStrategy Tutorial\Public Objects\VR...
Call Center Analysis	Template	This template allows users to build new Ca...	\\MicroStrategy Tutorial\Public Objects\VR...
Call Center Analysis	Template	This template allows users to build new Ca...	\\MicroStrategy Tutorial\Public Objects\VR...
Call Center Analysis for TOP 5 Prod...	Grid		\\MicroStrategy Tutorial\Public Objects\VR...
Category	Grid	This report is used for MicroStrategy SDK ...	\\MicroStrategy Tutorial\Public Objects\VR...
Category Performance	Grid		\\MicroStrategy Tutorial\Public Objects\VR...
Category Performance Dashboard	Document ...		\\MicroStrategy Tutorial\Public Objects\VR...
Category Performance Dashboard	Document	This dashboard evaluates category perfor...	\\MicroStrategy Tutorial\Public Objects\VR...
Category Performance Dashboard	Document ...		\\MicroStrategy Tutorial\Public Objects\VR...
Category Sales and Profit Performa...	Document ...	This document shows a classic productio...	\\MicroStrategy Tutorial\Public Objects\VR...
Category Sales and Profit Performa...	Document ...		\\MicroStrategy Tutorial\Public Objects\VR...
Category Sales and Profit Performa...	Document ...		\\MicroStrategy Tutorial\Public Objects\VR...
CategoryQuarter	Grid	This report is used for MicroStrategy SDK ...	\\MicroStrategy Tutorial\Public Objects\VR...
CategoryRegion	Grid	This report is used for MicroStrategy SDK ...	\\MicroStrategy Tutorial\Public Objects\VR...
CategoryRegionRevenue	Grid	This report is used for MicroStrategy SDK ...	\\MicroStrategy Tutorial\Public Objects\VR...
CategoryRegionYearQuarter	Grid	This report is used for MicroStrategy SDK ...	\\MicroStrategy Tutorial\Public Objects\VR...

168 items found.



## Documentation

This function can be used for documentation purposes. It retrieves all the objects stored in a folder and displays useful information about them (i.e. format, alias, formula, dimensionality, transformation and condition for metrics; lookup table, forms, child & parent relationships for attributes, etc.).

If a shortcut is found in the folder, then the list will display information about its target.

Don't be scared by its ugly appearance – once exported to Excel you can do lots of stuff you weren't able to do before.

Name	ID	Type	Property name	Property value
Age Range	5603951E4FE1BC04A44E44B85B88E2	Attribute	Description	
Age Range	5603951E4FE1BC04A44E44B85B88E2	Attribute	Path	\\MicroStrategy Tutorial\Schema Objects\Attributes\Customers\Age Range
Age Range	5603951E4FE1BC04A44E44B85B88E2	Attribute	Lookup Table	LU_AGERANGE
Age Range	5603951E4FE1BC04A44E44B85B88E2	Attribute	Attribute Forms	ID: AGERANGE_ID    DESC: AGERANGE_DESC
Age Range	5603951E4FE1BC04A44E44B85B88E2	Attribute	Attribute Children	Customer: One to Many (LU_CUSTOMER)
Age Range	5603951E4FE1BC04A44E44B85B88E2	Attribute	Attribute Parents	
Customer	8D679D3C11D3E4981000E787EC6DE8A4	Attribute	Description	
Customer	8D679D3C11D3E4981000E787EC6DE8A4	Attribute	Path	\\MicroStrategy Tutorial\Schema Objects\Attributes\Customers\Customer
Customer	8D679D3C11D3E4981000E787EC6DE8A4	Attribute	Lookup Table	LU_CUSTOMER
Customer	8D679D3C11D3E4981000E787EC6DE8A4	Attribute	Attribute Forms	ID: CUSTOMER_ID    DESC: (Last Name: CUST_LAST_NAME), (First Name: CUST_FI
Customer	8D679D3C11D3E4981000E787EC6DE8A4	Attribute	Attribute Children	Order: One to Many (ORDER_FACT)
Customer	8D679D3C11D3E4981000E787EC6DE8A4	Attribute	Attribute Parents	Customer Age: Many to One (LU_CUSTOMER)    Housing Type: Many to One (LU_CUS
Customer	8D679D3C11D3E4981000E787EC6DE8A4	Attribute	Description	
Customer Address	56225F324F17B61AEBD88CA256946C96	Attribute	Path	\\MicroStrategy Tutorial\Schema Objects\Attributes\Customers\Customer Address
Customer Address	56225F324F17B61AEBD88CA256946C96	Attribute	Lookup Table	LU_CUSTOMER
Customer Address	56225F324F17B61AEBD88CA256946C96	Attribute	Attribute Forms	ID: ADDRESS
Customer Address	56225F324F17B61AEBD88CA256946C96	Attribute	Attribute Children	Customer: One to Many (LU_CUSTOMER)
Customer Address	56225F324F17B61AEBD88CA256946C96	Attribute	Attribute Parents	
Customer Address	56225F324F17B61AEBD88CA256946C96	Attribute	Description	
Customer Age	6E069E4C11D3E4E41000E887EC6DE8A4	Attribute	Path	\\MicroStrategy Tutorial\Schema Objects\Attributes\Customers\Customer Age
Customer Age	6E069E4C11D3E4E41000E887EC6DE8A4	Attribute	Lookup Table	LU_CUSTOMER
Customer Age	6E069E4C11D3E4E41000E887EC6DE8A4	Attribute	Attribute Forms	ID: CUST_AGE
Customer Age	6E069E4C11D3E4E41000E887EC6DE8A4	Attribute	Attribute Children	Customer Birth Date: One to Many (LU_CUSTOMER)    Customer: One to Many (LU_CL
Customer Age	6E069E4C11D3E4E41000E887EC6DE8A4	Attribute	Attribute Parents	
Customer Birth Date	8D679D3911D3E4981000E787EC6DE8A4	Attribute	Description	
Customer Birth Date	8D679D3911D3E4981000E787EC6DE8A4	Attribute	Path	\\MicroStrategy Tutorial\Schema Objects\Attributes\Customers\Customer Birth Date
Customer Birth Date	8D679D3911D3E4981000E787EC6DE8A4	Attribute	Lookup Table	LU_CUSTOMER
Customer Birth Date	8D679D3911D3E4981000E787EC6DE8A4	Attribute	Attribute Forms	ID: CUST_BIRTHDATE
Customer Birth Date	8D679D3911D3E4981000E787EC6DE8A4	Attribute	Attribute Children	Customer: One to Many (LU_CUSTOMER)
Customer Birth Date	8D679D3911D3E4981000E787EC6DE8A4	Attribute	Attribute Parents	Customer Age: Many to One (LU_CUSTOMER)
Customer City	8D679D3A11D3E4981000E787EC6DE8A4	Attribute	Description	
Customer City	8D679D3A11D3E4981000E787EC6DE8A4	Attribute	Path	\\MicroStrategy Tutorial\Schema Objects\Attributes\Customers\Customer City
Customer City	8D679D3A11D3E4981000E787EC6DE8A4	Attribute	Lookup Table	LU_CUST_CITY
Customer City	8D679D3A11D3E4981000E787EC6DE8A4	Attribute	Attribute Forms	ID: CUST_CITY_ID    DESC: CUST_CITY_NAME
Customer City	8D679D3A11D3E4981000E787EC6DE8A4	Attribute	Attribute Children	Customer: One to Many (LU_CUSTOMER)
Customer City	8D679D3A11D3E4981000E787EC6DE8A4	Attribute	Attribute Parents	Customer State: Many to One (LU_CUST_CITY)
Customer Country	CE83EF17457F50F005D767864DAF42B7	Attribute	Description	
Customer Country	CE83EF17457F50F005D767864DAF42B7	Attribute	Path	\\MicroStrategy Tutorial\Schema Objects\Attributes\Customers\Customer Country
Customer Country	CE83EF17457F50F005D767864DAF42B7	Attribute	Lookup Table	LU_CUST_COUNTRY
Customer Country	CE83EF17457F50F005D767864DAF42B7	Attribute	Attribute Forms	ID: CUST_COUNTRY_ID    DESC: CUST_COUNTRY_DESC
Customer Country	CE83EF17457F50F005D767864DAF42B7	Attribute	Attribute Children	Customer Region: One to Many (LU_CUST_REGION)
Customer Country	CE83EF17457F50F005D767864DAF42B7	Attribute	Attribute Parents	
Customer Email	5F0132EE456A636FC8D6E7A59A097AA2	Attribute	Description	
Customer Email	5F0132EE456A636FC8D6E7A59A097AA2	Attribute	Path	\\MicroStrategy Tutorial\Schema Objects\Attributes\Customers\Customer Email
Customer Email	5F0132EE456A636FC8D6E7A59A097AA2	Attribute	Lookup Table	LU_CUSTOMER
Customer Email	5F0132EE456A636FC8D6E7A59A097AA2	Attribute	Attribute Forms	ID: EMAIL
Customer Email	5F0132EE456A636FC8D6E7A59A097AA2	Attribute	Attribute Children	Customer: One to Many (LU_CUSTOMER)
Customer Email	5F0132EE456A636FC8D6E7A59A097AA2	Attribute	Attribute Parents	
Customer Gender	4151F1304F00A51E1B138CF84283396BE	Attribute	Description	
Customer Gender	4151F1304F00A51E1B138CF84283396BE	Attribute	Path	\\MicroStrategy Tutorial\Schema Objects\Attributes\Customers\Customer Gender
Customer Gender	4151F1304F00A51E1B138CF84283396BE	Attribute	Lookup Table	LU_GENDER
Customer Gender	4151F1304F00A51E1B138CF84283396BE	Attribute	Attribute Forms	ID: GENDER_ID    DESC: GENDER_DESC
Customer Gender	4151F1304F00A51E1B138CF84283396BE	Attribute	Attribute Children	Customer: One to Many (LU_CUSTOMER)



## Object type count

This function shows the count for each object type in the selected folder.

Object Type	Count
Drill Map	3
Elements Prompt	3
Filter	6
Graph	2
Grid	5
Metric	8



## Change Journal Documentation

Yet another function created for documentation purposes. It retrieves the Change Journal entries for the objects stored in the selected folder and then offers the possibility to export the results to Excel.

Name	ID	Type	Username	TimeStamp	Machine	Change Type	Transaction Type	Comments
Non-Web Sales	41132A0A48A5AE6A820A7188F3985AE2	Metric	Administrator	2/2/2009 11:17:39 PM	MAD-JALONS	Change	Save	
Non-Web Sales	41132A0A48A5AE6A820A7188F3985AE2	Metric	Administrator	2/10/2009 7:44:45 PM	MAD-JALONS02	Change	Save	
Non-Web Sales	41132A0A48A5AE6A820A7188F3985AE2	Metric	Administrator	2/18/2009 5:42:48 PM	MAD-JALONS...	Change	Save	
Non-Web Sales	41132A0A48A5AE6A820A7188F3985AE2	Metric	Administrator	2/18/2009 6:06:46 PM	MAD-JALONS...	Change	Save	
Web Sales	9F981E724E4E242755BE10AFABA290F4	Metric	Administrator	2/2/2009 9:50:58 PM	MAD-JALONS...	Change	Save	
Web Sales	9F981E724E4E242755BE10AFABA290F4	Metric	Administrator	2/2/2009 11:52:56 PM	MAD-JALONS...	Change	Save	
Web Sales	9F981E724E4E242755BE10AFABA290F4	Metric	Administrator	2/3/2009 3:47:43 PM	MAD-JALONS...	Change	Save	
Web Sales	9F981E724E4E242755BE10AFABA290F4	Metric	Administrator	2/3/2009 4:40:55 PM	MAD-JALONS...	Change	Save	
Web Sales	9F981E724E4E242755BE10AFABA290F4	Metric	Administrator	2/3/2009 5:30:24 PM	MAD-JALONS...	Change	Save	
Web Sales	9F981E724E4E242755BE10AFABA290F4	Metric	Administrator	2/3/2009 6:03:54 PM	MAD-JALONS...	Change	Save	
Web Sales	9F981E724E4E242755BE10AFABA290F4	Metric	Administrator	2/9/2009 3:33:54 PM	MAD-JALONS02	Change	Save	
Web Sales	9F981E724E4E242755BE10AFABA290F4	Metric	Administrator	2/10/2009 7:53:10 PM	MAD-JALONS02	Change	Save	
Web Sales	9F981E724E4E242755BE10AFABA290F4	Metric	Administrator	2/18/2009 5:50:22 PM	MAD-JALONS...	Change	Save	
Web Sales	9F981E724E4E242755BE10AFABA290F4	Metric	Administrator	2/18/2009 6:14:23 PM	MAD-JALONS...	Change	Save	

This function can only be executed in a 9.0 MicroStrategy environment.

Until a better algorithm is found, be warned that this function is very slow.



## Deployment List

Let's say you want to deploy some objects from one project to another and you are asked to provide a list of those objects. Just run this function over the folder where the objects (or their shortcuts) are stored and there you have it:

Please promote the following folder:  
[\MicroStrategy Tutorial\Public Objects\Prompts](#)

**Detailed list of objects:**

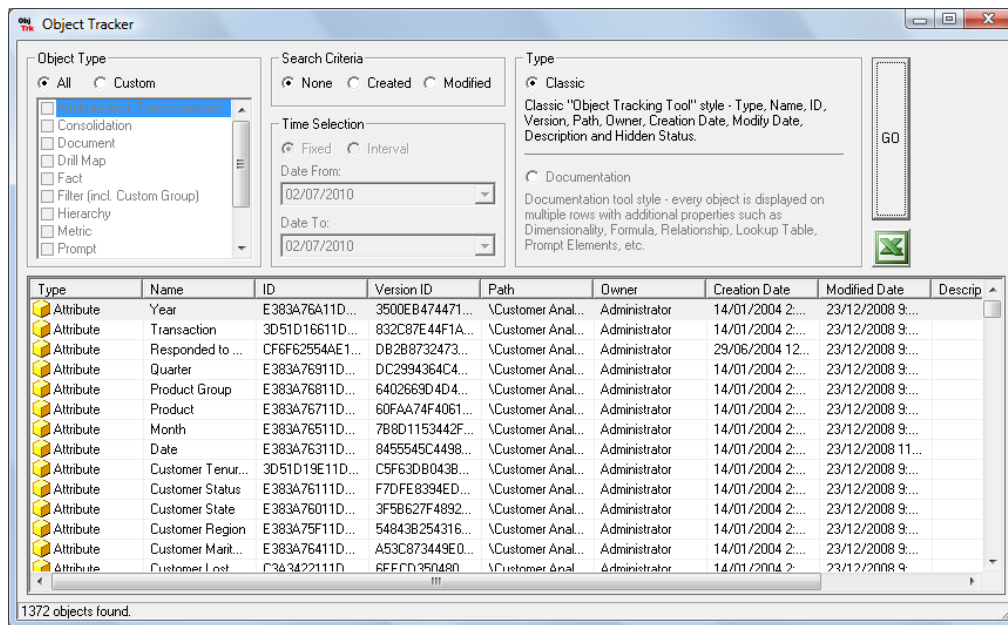
Object Type	Object Name	Object Location
Folder	System prompts	\Public Objects\Prompts\
Prompt	Choose Custom Group	\Public Objects\Prompts\
Prompt	Choose from a list of <a href="#">attributes</a>	\Public Objects\Prompts\
Prompt	Choose from a list of metrics	\Public Objects\Prompts\
Prompt	Choose one or more years	\Public Objects\Prompts\
Prompt	Contributors	\Public Objects\Prompts\
Prompt	Customers segmentation axis	\Public Objects\Prompts\
Prompt	Select a Category	\Public Objects\Prompts\
Prompt	Select Attributes to display on rows	\Public Objects\Prompts\
Prompt	Select Call Center	\Public Objects\Prompts\
Prompt	Select item from <a href="#">TV&amp;Video</a>	\Public Objects\Prompts\
Prompt	Select Metrics to display on columns	\Public Objects\Prompts\
Report	New Report	\Public Objects\Prompts\

# Object Tracker Object Tracker

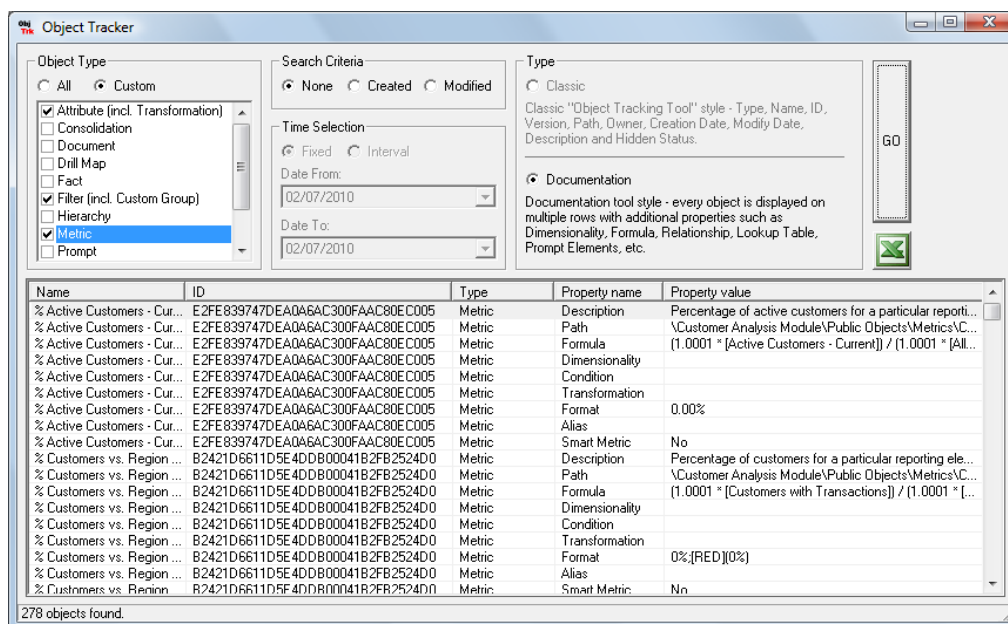
[Senthil Raj](#), author of the celebrated **Object Tracking Tool** has kindly agreed to enrich Metadata Browser with tracking functionalities.

There are two ways the results can be displayed:

**Classic:** this is the classic Object Tracking Tool style, where Type, Name, ID, Version, Path, Owner, Creation Date, Modify Date, Description and Hidden Status are show.



**Documentation:** This works exactly as the Documentation Tool (📁), except that it extends the search throughout the entire project, instead of a single folder.



# Academy awards time

I would like to thank [MicroStrategy 101](#) and [MicroStrategy Blog](#) for hosting this application.

Thank you [Senthil Raj](#) for allowing the Object Tracking Tool to be part of Metadata Browser.

Additional thanks goes to [Ashish Tiwari](#) and Thorsten Enoch for QA proofing this otherwise unstable code and for their wonderful support and ideas.

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