

KB3003: How to set up and import a MAAD2gO Catalog Library into a SQL Server Database.

This document outlines the process to set up a MAAD2gO Catalog Library within a SQL Server database. This process is broken down into 2 parts;

- Preparing and import the MAAD2gO Catalog through SQL Server Management Studio
- Connecting to the imported MAAD2gO Catalog in SQL Server through MAAD2gO.

This document assumes that SQL Server and its management tools are accessible, and the SQL Server instance can be accessible via a trusted connection. This document has been written and tested using SQL Server 2008 and 2012 Express & release versions.

Importing a MAAD2gO Catalog Library to SQL Server using SQL Server Management Studio

1. Open SQL Server Management Studio and connect to your SQL Server instance where you wish to import the MAAD2gO catalog to.



2. Create a NEW empty database.

	ebug Tools Window Community Help	New Database					0 6 2
Diject Explorer	2. ≥ 2.6 4. - * ×	Select a page	🚨 Sonjat 🔹 🚺 Help				
Connect* 🛃 🛃 🗉	7 🛃 😹	Coptions Regroups	Database game:	MAAD2yC	_Example_TEST		
E Detabase	New Database		Qivner.	odetauto			
B B m2Ca Security Server Ob	Attach Restore Database		Database files:	-	hand Free Bills		
🗉 🧰 Replicatio	Restore Files and Filegroups		MAAD2oD Raws	PRIMARY	3	By 1M	uniestricted gowth
🛞 🎑 Manager	Start PowerShell		MAAD2g0 Log	Not Applicable	1	By 10	ercent, unrestricted growt
	Reports +						
	Refresh						
		Connection Server: NOL0460-SQLEXPRESS					
		 Ver connection anaettes Programs Ready 	*		ğdd		Barnove

3. Navigate to the newly created database, right mouse click – Tasks >> Import Data.



 This example follows the method of using the SQL Server Import Data wizard to import a blank MAAD2gO catalog (e.g. % MAAD2gO installation directory %\MAADConfig\MAAD2catalog_Blank.mdb). Refer to "KB3008 Prepare a MAAD2gO Catalog Library for Importing into SQL Server" if the catalog library has had data previously added.

🔄 SQL Server Import and Ex	port Wizard	
	Welcome to SQL Server In Export Wizard	nportand
	This wizard helps you to create simple packages export data between many popular data formats in spreadsheets, and text files. The wizard can also destination database and the tables into which the To move or copy databases and their objects fror instance to another, cancel this wizard and use the Wizard instead. The Copy Database Wizard is av Server Management Studio.	that import and neluding databases, o create the e data is inserted. n one server ne Copy Database vailable in SQL
Help	< <u>B</u> ack <u>N</u> ext > <u>Finish</u>	>> Cancel

5. Select the Data source to be **Microsoft Access**, and browse and **locate the file to import** (MAAD2catalog_Blank.mdb).

SQL Server Import and E	xport Wizard	
Choose a Data Source Select the source from	ce vhich to copy data.	
<u>D</u> ata source:	Kicrosoft Access	•
To connect, select a databa advanced options.	ase and provide a user name and password. You m	ay need to specify
File name: C:\MAAD2GO\MAADconfi	g\MAAD2catalog_Blank.mdb	Browse
<u>U</u> ser name: <u>P</u> assword:		
	Advanced	
Help	< <u>B</u> ack <u>N</u> ext > E	inish >> Cancel

6. Choose the **Destination Server Name**, and the intended **Database**.

🔄 SQL Server Import and Exp	oort Wizard		
Choose a Destination Specify where to copy date	a to.		
Destination:	SQL Server Native Client 10.0		•
Server name:	MOL0468\SQLEXPRESS		-
Authentication Use <u>Windows</u> Authention Use S <u>Q</u> L Server Authention User name: <u>P</u> assword:	cation		
Da <u>t</u> abase:	MAAD2gO_Example_TEST	•	<u>R</u> efresh N <u>e</u> w
Help	< Back Next >	<u>Finish</u>	>> Cancel

7. Select the option to Copy data from one or more table or views.

SQL Server Import and Export Wizard
Specify Table Copy or Query Specify whether to copy one or more tables and views or to copy the results of a query from the data source.
Copy data from one or more tables or views
Use this option to copy all the data from the existing tables or views in the source database.
C Write a query to specify the data to transfer Use this option to write an SQL query to manipulate or to restrict the source data for the copy operation.
Help < Back Mext > Einish >> Cancel

8. Select ALL the tables prefixed by MAAD2_. Select Next to continue.

SQL Server Import and Export Wizard	
Select Source Tables and Views Choose one or more tables and views to copy.	
Tables and views:	
Source	Destination
🔽 📰 `MAAD2_Deleted`	film [dbo].[MAAD2_Deleted]
🔽 🛅 `MAAD2_History`	fabo].[MAAD2_History]
🔽 🔲 `MAAD2_Index`	fabo].[MAAD2_Index]
🔽 📰 `MAAD2_MetaData`	[dbo].[MAAD2_MetaData]
🔽 🔲 `MAAD2_MetaLUT`	[dbo].[MAAD2_MetaLUT]
MAAD2_Version`	[dbo].[MAAD2_Version]
	Edit Mappings Preview
<u>H</u> elp < <u>B</u> ac	k <u>N</u> ext > <u>Finish</u> >> Cancel

9. Select the option to Run Immediately, and Next.

🔝 SQL Server Import and Expor	t Wizard	
Run Package		
<u>R</u> un immediately <u>Nac Server Express, Web</u> <u>Wizard creates, but cannot s</u>	, or Workgroup, you can run the package that the l ave fl. To save packages that the wizard creates, y	Import and Export rou must upgrade to
SQL Server Standard, Enter	nise, Developer or Evaluation.	h >> Cancel

10. Select any defaults provided and Next.

Source: Destination:	MAAD [dbo].[h	I2_Index MAAD2_Index]					
Create destina	tion table		Edit S	QL			
C Delete ro <u>w</u> s in	destination table		Drop and	l re-creat	e destination t	able	
Append rows t	o the destination tabl	e	🔽 Enable ig	dentity in:	sert		
<u>M</u> appings:							_
Source	Destination	Туре	Nullable	Size	Precision	Scale	-
ID	ID	int					
Description	Description	nvarchar	\checkmark	254			=
Data_type	Data_type	nvarchar		254			
File_name	File_name	nvarchar		254			
Min_X	Min_X	float	v				
Max_Y	Max_Y	float	V				
Max_X	Max_X	float	V				
Min_Y	Min_Y	float	V				
Date_added	Date_added	nvarchar	V	50			
Projection	Projection	nvarchar	\checkmark	250			-
Source column:		ID Long (10) I	NOT NULL				

11. Confirm the selection, and Finish to start the import process.

🔄 SQL Server Import and Export Wizard
Complete the Wizard Verify the choices made in the wizard and click Finish.
Click Finish to perform the following actions:
Source Location : C:\MAAD2GO\MAADconfig\MAAD2catalog_Blank.mdb Source Provider : Microsoft.Jet.OLEDB.4.0 Destination Location : MOL0468\SQLEXPRESS Destination Provider : SQLNCLI10
 Copy rows from 'MAAD2_Deleted' to [dbo].[MAAD2_Deleted] The new target table will be created. Copy rows from 'MAAD2_History' to [dbo].[MAAD2_History] The new target table will be created. Copy rows from 'MAAD2_Index' to [dbo].[MAAD2_Index] The new target table will be created. Copy rows from 'MAAD2_MetaData' to [dbo].[MAAD2_MetaData] The new target table will be created. Copy rows from 'MAAD2_MetaLUT' to [dbo].[MAAD2_MetaLUT] The new target table will be created. Copy rows from 'MAAD2_Version' to [dbo].[MAAD2_MetaLUT] The new target table will be created. Copy rows from 'MAAD2_Version' to [dbo].[MAAD2_Version] The new target table will be created. The package will not be saved. The package will be run immediately. Provider mapping file : C:\Program Files\Microsoft SQL Server\100\DTS\MappingFiles\JetToMSSql9xml
<u>H</u> elp < <u>B</u> ack <u>N</u> ext > <u>Finish</u> Cancel

12. IMPORTANT. Once the tables have been imported, any field that has been named as **ID** must be made into an **Identity**. To do this, show the table in **Design Mode**, and select the ID field. Within the **Column Properties**, scroll down until the entry of **Identity Specification** is visible, the default will be No.

Elle Edit View Debug Table Designer Too	de 1	Window Communit	by Help	
			y <u>n</u> eip	
🛄 New Query 📙 📑 🗁 🖼 🖃 🚟 👳				
🔩 🕴 🗠 🗐 🗟 🖏 🛄 🔛 🔔				
Object Explorer 🚽 🗸 🗸	N	IOL0468\SQLEXPo.	MAAD2_Index*	
Connect 🕶 🛃 🜉 🔳 🍸 📶		Column Name	Data Type	Allow Nulls
MOL0468\SQLEXPRESS (SQL Server 10.50.1600)	•	ID	int	
🖃 🚞 Databases		Description	nvarchar(254)	
🗉 🚞 System Databases		Data_type	nvarchar(254)	V
표 间 m2CatLog_Australia_MASTER_D		File_name	nvarchar(254)	V
🖃 间 MAAD2gO_Example_TEST		Min_X	float	V
🗄 🧰 Database Diagrams		Max_Y	float	V
🖃 🚞 Tables		Max_X	float	
System Tables		Min_Y	float	1
dbo.MAAD2_Deleted		Date_added	nvarchar(50)	V
dbo.MAAD2_History		Projection	nvarchar(250)	V
dbo.MAAD2_Index		AddedByUser	nvarchar(100)	V
dbo.MAAD2 MetaLUT		Status	nvarchar(255)	V
dbo.MAAD2 Version	-	ProjectLink	nvarchar(50)	
+ 🚞 Views		Keywords	nvarchar(255)	
🕀 🧰 Synonyms	_	Notes	nvarchar(MAX)	V
표 🚞 Programmability		Visible	int	
🕀 🚞 Service Broker		Image sm	image	V
🕀 🧰 Storage		Checked Out	nvarchar(155)	V
Security		Checked Out Date	int	V
Security Security		Checked Out time	int	
Server Objects Penlication		encence_out_ane		
	C	olumn Properties		
	0	2↓ □		
		DTS-published		No
	Œ	Full-text Specification		No
		Has Non-SQL Server S	ubscriber	No
	Œ	Identity Specification		No
		Indexable		Yes
		Is Columnset		No
]	dentity Specification	1	
۰ III ا				
Ready				

13. Expand the Identity Specification node, and change the option (Is Identity) from No to Yes.

Kicrosoft SQL Server Management Studio			
<u>File Edit View D</u> ebug Table Designer <u>T</u> oo	ls <u>W</u> indow <u>C</u> ommu	inity <u>H</u> elp	
🗄 New Ouery 📭 🕞 🕞 📮 🙈 🕅			
Object Explorer 🚽 🗸	MOL0468\SOLEXP	.o.MAAD2 Index*	
Connect - 🖳 🔜 🛒 🖏	Column Name	Data Type	Allow Nulls
	▶ ID	int	
Databases	Description	nvarchar(254)	
System Databases	Data type	nvarchar(254)	
m2CatLog Australia MASTER D	File name	nvarchar(254)	
MAAD2gO Example TEST	Min X	float	
🕀 🦳 Database Diagrams	Max V	float	
🖃 🚞 Tables	Max_1	float	
🕀 🧰 System Tables	Mia V	float	
🕀 🧾 dbo.MAAD2_Deleted		noat (no)	
🕀 📰 dbo.MAAD2_History	Date_added	nvarchar(50)	v
🕀 📰 dbo.MAAD2_Index		1 (050)	local local
🕀 🔝 dbo.MAAD2_MetaData	Column Properties		
🗉 🧾 dbo.MAAD2_MetaLUT			
dbo.MAAD2_Version			
	E Computed Column	Specification	
🕀 🧰 Synonyms	Condensed Data Ty	/pe	Int
🕀 🚞 Programmability	Deterministic		Vec
E Service Broker	DTS-published		No
	E Full-text Specificati	on	No
Security	Has Non-SQL Serve	er Subscriber	No
	Identity Specification	n	Yes
Server Objects Device the server of the server o	(Is Identity)		Yes
	Identity Increme	ent	1
	Identity Seed		1
	Indexable		Yes
	Is Columnset		No
	Is Sparse Marga-published		No
	Not For Replication		No
	Replicated		No
	RowGuid		No
	Size		4
	(Ic Identify)		
	(is identity)		
۰ III ا			
Ready			

14. Save the changes to the table, and do the same for the rest of the tables that have a field as ID.

Microsoft SC)L Server Management Studio	? <mark>×</mark>
Save chan	ges to the following items?	
MOL0468	\SQLEXPRESS.MAAD2gO_Example_TEST - dbo.MAAD2_N	/letaData
	<i></i>	
	<u>Y</u> es <u>N</u> o	Cancel

Connect MAAD2gO to the newly imported SQL Server MAAD2gO Catalog Database.

1. Select the ADD New Catalog Library button from the Geo-Search tab.



 From the option – 1. Select Type of Catalog to Create, select the dropdown option of SQL Server Stored MAAD2gO Catalog. Choose whether the catalog is to be accessible Locally or within a shared Network environment.

	×
Catalog - ADD New	
1. Select Type of Catalog to Create? SQL Server Stored MAAD2gO Catalog ▼ Local ▼	
2. Choose Group heading as seen within Catalog Search.	
· · · · · · · · · · · · · · · · · · ·	

3. Enter the catalog group and description as described in KB3001.

TEST	TEST	
nter a Brief Descripti	ion (Name) of the Catalon	
inter a Brief Descripti	ion (Name) of the Catalog	

4. Under the option to enter catalog configuration variables, enter the Machine name, the SQL Server instance and the database name.

SQL Server Mach	ine Name \ Instance ;	
Machine Name	MOL0468	1
Instance	SQLEXPRESS	;
Database Name		
Maad2gO_Example_Test		Test Connection

5. Select the button to Test Connection.



6. If the connection was successful, the button to **ADD NEW Catalog** is displayed and ready to join the connection to your Catalog Library listing. If not, adjust the SQL Server connection variables and try again.



7. On selecting the **ADD NEW Catalog button**, the catalog is added to the catalog library listing, and can be located within Select Catalog Library to Search interface. From this point onwards, the catalog behaves as any "Standard" MAAD2gO Catalog would, where users have the ability to add, edit and delete entries provided they have been granted the appropriate catalog permissions to do so.



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