Upgrading from Test Data Manager 3.1.2 to 3.2

Pre-requisite / Optional: Backing up current TDM Configurations.

Go to C:\Grid-Tools\TDoD\TDoD_ConfigEditor\ and launch TDoDConfigEditor.exe.

On the 'Configure Service' tab, click the 'Backup' button.

You should get a confirmation message of 'Created service backup document' and 'Created portal backup document'.

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Go to C:\Grid-Tools\RemotePublish\RemotePublish_ConfigEditor and launch RemotePublishConfiguration.exe.

On the 'Configure' tab, click the 'Backup' button.

You should get a confirmation message of 'Successfully created backup configuration'.

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Go to C:\Grid-Tools\GTRallyBatch\RallyBatch_ConfigEditor and launch RallyBatchConfigEditor.exe.

On the 'Configure' tab, click the 'Backup' button.

You should get a confirmation message of 'Created service backup document'.

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Go to C:\Grid-Tools\GTHPALMService\GTHPALMService_ConfigEditor and launch ALMServiceConfigEditor.exe.

On the 'Configure Service' tab, click the 'Backup' button.

You should get a confirmation message of 'Created service backup document'.

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Go to C:\Grid-Tools\GTGroupJobProcessor\GroupJobExecutor_ConfigEditor and launch GroupJobExecutor_ConfigEditor.exe.

On the 'Configure URL' tab, click the 'Backup' button.

You should get a confirmation message of 'Created backup document'.

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Go to C:\Grid-Tools\ALMBatch\ALMBatch_ConfigEditor and launch ALMBatchConfigEditor.exe.

On the 'Configure URL' tab, click the 'Backup' button.

You should get a confirmation message of 'Created service backup document'.

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Request a license for the new product release (customer process).

Since this process could take some time, we recommend requesting a license for your upgrade before installing the new release version.

You will need to fill out a 'Customer Care Case Request' form at <u>https://support.ca.com/irj/portal/anonymous/customercare</u>

Here you will need to provide the following information:

• Enterprise Site ID (as provided by your CA Account Manager)

- Product Name (CA Test Data Manager)
- Release Number (3.2)

A customer care representative will then provide you an activation key that you will need to enter when prompted by Datamaker, FDM or Subset (one-time process). That process will be described later on in the document.

If you do face ANY issues with obtaining the license, please call the CA Customer Care helpdesk at 1.800.CALL.CAI (800.225.5224) (for North America). For other countries, phone numbers are listed here: http://www.ca.com/us/support/customer-assistance.aspx.

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		Company Name:	CA Technologies
		Company Address:	5465 Legacy Drive Suite 700

Country:	United States	•
City:	Plano	
State / Province:	Texas	•
Postal / Zip Code:	75024-3106	
Telephone Number:	2144731540	

taylor.gill@ca.com

<u>Details</u>

Extension:

Corporate Email Address:

- If you are submitting a request to obtain license keys for a Distributed Enterprise Product, please visit the Licensing page to view
a list of Gold Keys. You may be able to download your keys directly from CA Support Online. In addition, you can download your
existing LMP keys from the Licensing page after log in. If your products are not on the list or you require assistance with existing
keys, please fill out and submit a request on this form.

•	Type of License:	General Licensing for All Other Products
•	Problem Description : Please provide current Licensing file and/or specific information relating to request.	Require license for Test Data Manager product.
•	Product Name :	CA Test Data Manager for Data Generation and Te
•	Release Name :	3.2
•	What operating system are you using? :	WINDOWS T
•	Do you want to add an attachment:	<u>Yes</u> <u>No</u>
•	Please enter security code :	JACIHC
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Download the new product release.

Go to https://support.ca.com.

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Hover over the arrow (\rightarrow) under 'Download Center' so a list will appear.

Choose 'Download Solution' from the list.

You will be taken to the 'Download Center' at <u>https://support.ca.com/irj/portal/ProductCDNSearch</u>

Current .	Download Center
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Advanced Search	Please select the type of download you are looking for
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	CA Remote Engineer (Formerly CA Common Diagnostic Facility - CA CDF)

Choose the following information.

- Please select the type of download you are looking for: Products
- Select a Product: CA Test Data Manager for Data Generation and Test Matching MULTI-PLATFORM
- Select a Release: 3.2
- Select a Gen Level: 0000 (default)
- Show me published solutions for this release: Check box. Check box for 'All components'. Select 'CA Data Finder, CA Test Case Optimizer, CA Test Data Manager'.
- Operating System: Choose the one that reflects your machine.

Click the 'Go' button.

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CA Data Finder CA Test Case Optimizer CA Test Data Manager

You will be taken to <u>https://support.ca.com/irj/portal/ProdCDNResults</u> page for 'CA Test Data Manager for Data Generation and Test Matching - MULTI-PLATFORM'.

Click on the 'Add to cart' and 'Download' for the latest product component. In this case, it will be 'CA Test Data Manager Full Package 1.2.0.'

Note: This is the latest release of 3.2, it just has a version number of 1.2.0 associated with it. The CA Test Data Repository Kit is only used when you install TDM for the first time.

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Advanced Search	CA Test Data Manager for Data Generation and Test Matching - MULTI-PLATFO	RM				
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Contact and Resources	GEN11151736E.zip	N/A	11/2//2015	223.30MB		Download

A 'Download Method' page will pop up.

The CA recommended method for downloading a product is the first option.

Choose 'HTTP via Download' manager.

Download Method

Please choose a download method to complete your download request. Learn More

HTTP via Download Manager

This is the CA recommended method for download. The Download Manager allows you to download your files faster and more efficiently.

Download

HTTP via Internet Browser

If Download Manager cannot be used or fails to start you may access your file(s) via your internet browser.

View File Link(s) 🕀

FTP

This method allows you to download your file(s) via FTP from CA's content delivery network or via native FTP servers. Note: Processing is required and an email notification will be sent when your request is ready for downloading.

FTP Request

From the next pop-up, you can choose between the 'Enhanced Download Manager' and the 'Classic Download Manager'.

If you choose the 'Enhanced Download Manager', you will have to enable the pop up for it.



You will then be taken to a 'Download Status Page' where you can choose where the zip file will be downloaded to. Any place you choose is fine since this is not where Grid Tools will install to.

0

Download Status Page

Downloading GEN11151640E.zip

Waiting.

Automatically open when complete.

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Once the zip file has finished downloading, you will get a message that it is complete.

The page at downloads3.ca.com says:		×
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Go to the location where you chose the zip file to be downloaded to and you should see the setup executable and the release notes.

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You will need to launch the setup executable by double clicking on it, which will prompt you to extract all the files first.

Click 'Extract all' in the 'Compressed (zipped) Folders' pop up.



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Show extracted files when complete		
E	xtract Can	cel

Go to the folder location where the files were extracted to.

You should now see a setup executable with the Datamaker logo next to it.

Launch the executable by double clicking on it.

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2 items					

Installing the 3.2 Release.

Follow along with the following screen shots.

It is advised to leave everything as the default selections.

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Ø GTServer Setup	×
License Agreement Please read the following text carefully.	
CA End User License Agreement (the "Agreement") for the CA software product that is being installed as well as the associated documentation and any SDK, as defined below, included within the product ("the Product").	
Carefully read the following terms and conditions regarding your use of the Product before installing and using the Product. Throughout this Agreement, you will be referred to as "You" or "Licensee."	of
By installing or using the Product, or by selecting the "I accept the term of the License Agreement" radio button below, and then clicking on th "Next" button, you are	e T
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Ø GTServer Setup

Prerequisites

These programs are needed for the application to run. Click on the check box next to a prerequisite to select it for install or to skip it.

Name	Version	Action	-
.NET Framework 4.5	Required: any. Found an accept	Skip	
Silverlight 5 x64	Required: 5.1.30214.0 or higher	Skip	
Java SE Runtime Environment 7u7	Required: 1.7 or higher. Found	Skip	=
Java SE Runtime Environment 7u7	Required: 1.7 or higher. Found	Skip	
Visual C++ 2010 SP1 x64 (MFC Se	Required: 40219.325 or higher	Skip	
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Visual C++ Redistributable for Vis	Required: 11.0.61030 or higher	Skip	
SQL Server Native Client 2008R2	Required: 10.52.4000.0 or high	Skip	
CodeMeter Runtime Kit x64	Required: 5.20.1471.504 or hig	Skip	
Adobe Reader XI	Required: 11.0.06 or higher. Fo	Skip	
ODP4.NET Deployer	Required: 4.112.3.0 or higher	Skip	-

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Grid-Tools AgileDesigner Setup	Advanced Installer
	Be sure to carefully read and understand all the rights and restrictions described in the licence terms. You must accept the licence terms before you can install the software. CA End User License Agreement (the "Agreement") for the CA software product that is being installed as well as the associated documentation and any SDK, as defined below, included within the product ("the Product"). Carefully read the following terms and conditions regarding your use of the Product before installing and using the Product. Throughout this Agreement, you will be referred to as "You" or "Licensee". Print Press the Page Down key to see more text. I gacept the terms in the Licence Agreement I do not accept the terms in the Licence Agreement
	< Back Next > Cancel

AgileDesigner Setup		×
Grid-Tools AgileDesigner Setup	Ac	vanced Installer
Configure how AgileDesigner will be installed	Features Installation Folder Select the features to be installed Image: Comparison of the second s	
	< Back Next >	Cancel

A gileDesigner Setup		×
Grid-Tools AgileDesigner Setup		Advanced Installer
Configure how AgileDesigner will be installed	Features Installation Folder AgileDesigner will be installed on your computer. To different location, enter it below or click "Browse". C:\Program Files\Grid-Tools\AgileDesigner \ Total space required on drive: 3.86 MB Space available on drive: 342 GB Remaining free space on drive: 342 GB	install to a Browse
	< Back Next >	Cancel













S TestDataVisualizer Setup	8
Installing TestDataVisualizer	Advanced Installer
Collecting information	
Preparing installation	
Installing Windows Installer	
Finalizing installati	
Cancel	
< Back Next >	Cancel













SastDataMasker Setup	x
Grid-Tools FastDataMasker Setup	
	Be sure to carefully read and understand all the rights and restrictions described in the license terms. You must accept the license terms before you can install the software. CA End User License Agreement (the "Agreement") for the CA software product that is being installed as well as the associated documentation and any SDK, as defined below, included within the product ("the Product"). Carefully read the following terms and conditions regarding your use of the Product before installing and using the Product. Throughout this Agreement, you will be referred to as "You" or "Licensee." Print Press the Page Down key to see more text. I go not accept the terms in the License Agreement
	< Back Next > Cancel

🦲 FastDataMasker Setup	_ X
Giid-Tools FastDataMasker Setup	
Select Installation Folder This is the folder where FastDataMasker will be installed.	To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".
	Product install path:
	C:\Program Files\Grid-Tools\FastDataMasker\ Browse
	< Back Next > Cancel












































Renaming the rep.xml file and syncing the repository database.

After downloading and installing the new version of Datamaker, you will need to rename the rep.xml, upgrade and sync the repository database with the new version, and rep.xml file back. The following instructions explain how to do this.

Go to your GTDatamaker folder and locate the gtdatamaker.exe file.

Your file path should look like this- C:\Program Files (x86)\Grid-Tools\GTDatamaker\ gtdatamaker.exe



Launch gtdatamaker.exe by right clicking on it and choosing 'Run as administrator'.

You may get the following error: 'DB version specified in database (3.1C) is invalid. This version of the software can work with DB version 3.1B only. You are connecting with pre-distributed details (rep.xml) - no upgrade is allowed. Please contact support.

This error means that the repository needs to be upgraded to match the latest Datamaker version. Since you had a previous existing installation, you have a rep.xml file in this folder that needs to be renamed. It exists in 2 different paths.

🜒 Version problem	—
DB version specified in database (3.1B) is invalid. This version of the software can work with DB version 3.2A only.	*
You are connecting with pre-distributed details (rep.xml) - no upgrade i	is allowed.
Please contact support.	3.2.0.1 [S11] 3.1B 👻
ОК	

Rename the rep.xml that you want to use for the upgraded version (in C:\Program Files (x86)\Grid-Tools\GTDatamaker) to rep-old.xml

rep.xml

rep-old.xml

					×
😋 🗢 🗣 🕨 🗸 🗸	Files (x86) + Grid-Tools + GTDatamaker +	- - - - + - →	Search GTDatamaker		٩
Organize 👻 💼 Open	✓ New folder			≣ ▼ 🗍	0
Organize Organize	New folder Name pk_gtrep_publish.plb pk_gtrep_publish.tsq pk_gtrep_publish_10.tsq pk_gtrep_publish_body.plb pk_gtrep_su.plb pk_gtrep_su.plb pk_gtrep_su.tsq pk_gtrep_su_10.tsq pk_gtrep_su_12.pls pk_gtrep_su_body.plb PK_GTREP_TD.plb pk_gtrep_td.tsq pk_gtrep_td_10.tsq pk_gtrep_td_10.tsq pk_gtrep_td_10.tsq pk_gtrep_td_10.tsq pk_gtrep_td_10.tsq	Date modified 11/20/2015 5:35 AM 11/20/2015 5:35 AM	Type PLB File TSQ File TSQ File PLB File PLB File TSQ File PLB File PLB File TSQ File TSQ File TSQ File TSQ File PLB File PLB File	■ ▼ ■ Size 1 KB 25 KB 25 KB 2 KB 2 KB 80 KB 80 KB 80 KB 8 KB 6 KB 106 KB 106 KB 5 KB 1 KB	
<table-of-contents></table-of-contents>	 pk_tr_del.plb pk_tr_del_body.plb Qt5Core.dll rep-old.xml runftp.bat Scit.exer.dll Scintilla_License.txt ssleay32.dll Sybase.PowerBuilder.DataSource.OData.dll Sybase.PowerBuilder.Db.dll Sybase.PowerBuilder.DbExt.dll Sybase.PowerBuilder.ODataClient.dll Sybase.PowerBuilder.ODataClient.dll Sybase.PowerBuilder.ODataWrapper.dll 	11/20/2015 5:35 AM 11/20/2015 5:35 AM 11/20/2015 5:36 AM 10/13/2015 3:06 PM 11/20/2015 5:35 AM 11/20/2015 5:36 AM 11/20/2015 5:36 AM 11/20/2015 5:36 AM 11/20/2015 5:36 AM 11/20/2015 5:36 AM 11/20/2015 5:36 AM	PLB File PLB File Application extens XML Document Windows Batch File Application extens Text Document Application extens Application extens Application extens Application extens Application extens Application extens	1 KB 1 KB 4,768 KB 2 KB 709 KB 1 KB 204 KB 30 KB 307 KB 127 KB 164 KB 32 KB	
rep-old.xml XML Documen	Date modified: 10/13/2015 3:06 PM Date cre t Size: 435 bytes	ated: 10/13/2015 3:06 F	PM		

Now, in the file path pane, type in %appdata% and hit enter.

Alternatively you can navigate to it by C:\Users\(username)\AppData\Roaming



Choose the Grid-Tools folder. Your file path should look similar to C:\Users\AppData\Roaming\Grid-Tools

Here you should find another rep.xml file. Rename it to rep-old.xml as well.

						23
Gill, Taylo	or AppData Roaming Grid-Tools	▼ + _j	Search Grid-Tools			Q
Organize 🔻 📑 Open	▼ New folder			•== •		0
Organize ▼ Image: Open ★ Favorites Image: Open Image: Desktop Image: Open Image: Desktop Image: Open Image: Desktop Image: Open Image: Desktop Image: Open Image: Downloads Image: Open Image	 New folder Name Data_Pool_Publish2TestMatch.log Data_Pool_SQLBased_Data_Pool.log DataVis_54_2360_1510301022.csv Diagramer.xml DM_ARGS.TXT DM_FNV_604_23622015-10-15-15-10-54.txt DM_FNV_604_23622015-10-15-15-15-47.txt DM_FNV_604_23622015-10-15-15-84.txt DM_FNV_604_23622015-10-15-16-00-47.txt DM_FNV_604_23622015-10-15-16-11-46.txt DM_FNV_604_23622015-10-15-16-13-58.txt DM_FNV_604_23622015-10-15-16-13-58.txt DM_FNV_604_23622015-10-15-16-30-47.txt DM_FNV_604_23622015-10-15-16-30-47.txt DM_FNV_604_23622015-10-15-16-32-9.txt DM_FNV_604_23622015-10-15-16-32-9.txt DM_FNV_604_23622015-10-15-16-32-37.txt DM_FNV_604_23622015-10-15-16-32-9.txt DM_FNV_604_23622015-10-15-16-32-9.txt DM_FNV_604_23622015-10-15-16-32-9.txt DM_FNV_604_23622015-10-15-16-32-9.txt DM_FNV_604_23622015-10-15-16-32-9.txt DM_FNV_604_23622015-10-15-16-32-9.txt DM_FNV_604_23622015-10-15-16-32-9.txt DM_FNV_604_23622015-10-15-16-32-9.txt DM_FNV_604_23622015-10-15-16-32-9.txt DM_FNV_604_23622015-10-15-16-32-37.txt DM_FNV_604_23622015-10-15-16-32-37.txt DM_FNV_604_23622015-10-15-16-32-37.txt DM_FNV_604_23622015-10-15-16-32-37.txt DM_FNV_604_23622015-10-15-16-32-37.txt DM_FNV_604_23622015-10-15-16-32-37.txt DM_FNV_604_23622015-10-15-16-32-37.txt DM_FNV_604_23622015-10-15-16-32-37.txt DM_FNV_604_23622015-10-15-16-32-37.txt DM_FNV_604_23622015-11-02-09-44-10.txt employee_windows_comma_export_2015 ERDStoreFront - Example Project - SQL S GRP- HRENV1.xml 	Date modified 11/2/2015 12:00 PM 10/16/2015 11:40 10/30/2015 10:22 11/3/2015 12:56 PM 11/3/2015 4:06 PM 10/15/2015 3:10 PM 10/15/2015 3:15 PM 10/15/2015 3:15 PM 10/15/2015 4:00 PM 10/15/2015 4:10 PM 10/15/2015 4:11 PM 10/15/2015 4:15 PM 10/15/2015 4:32 PM 10/15/2015 4:32 PM 10/15/2015 4:32 PM 10/15/2015 4:32 PM 10/15/2015 9:04 AM 11/2/2015 9:44 AM 10/16/2015 11:21 11/3/2015 12:56 PM 10/14/2015 9:32 AM	Type Text Document Text Document Microsoft Excel C XML Document Text Document	Size	1 KB 2 KB 39 KB 1 KB 1 KB 1 KB 2 KB 3 KB 3 KB 3 KB 3 KB 3 KB 3 KB 3 KB 3	
	GRPHRENVI.xml profiles.xml rep-old.xml savedirectory.txt templatedirectory.txt	10/14/2015 9:32 AM 11/3/2015 4:06 PM 10/19/2015 11:39 11/2/2015 1:09 PM 10/30/2015 10:46 10/14/2015 9:21 AM	XML Document XML Document XML Document Text Document Text Document		2 KB 1 KB 1 KB 1 KB 1 KB 0 KB	
rep-old.xml XML Document	Date modified: 10/19/2015 11:39 AM Date cre t Size: 435 bytes	ated: 10/19/2015 11:25	AM		. 115	

Go to C:\Program Files (x86)\Grid-Tools\GTDatamaker again.

Open the rep-old.xml file to view its contents.

Double click on the gtdatamaker.exe to launch it.

😋 🗢 📕 « Program	n Files (x86) 🕨 Grid-Tools 🕨 GTDatamaker 🕨
Organize 🔻 📑 Ope	n New folder
★ Favorites ■ Desktop ■ Downloads	Name Stompschema.bat J gtcompschema.sql
📃 Recent Places	👩 gtdatamaker.exe

A 'Test Data Repository (3.2A) log in for CA Test Data Manager- Datamaker' pop up will appear with the Repository profile you chose in the last installation.

Click on the green database connection button in the bottom, left hand corner.

🗿 Test	Data Repositor	y (3.2A) l	og in for CA Test Data Manager -	- Datamaker						- ×
	Test D	Data R	Odat Repository (3.2A) log		NC A Test	Data M	er ™	Datamak	er	2
<u>25</u> ¥	Profile	User	Last Used As	Last Used [Database	Created	Modified			20
V	sa - tdmrepo	sa	Test Data Repository (3.1B)	2015-10-13 t	dmrepo	2015-10-06	2015-10-06			
•			III							
B		4								

You will get an error message similar to

'Test Data Repository version specified in database (3.1B) is invalid. This version of the software can work with Test Data Repository versions 3.2A and above only. In order to run the upgrade you will need to know the user name and password of a user in the ADMIN group. Would you like to attempt an upgrade?'

Click the 'Yes' button.



You will now be prompted for your administrator user name and password.

Enter the credentials and click on the green check mark in the bottom, right hand corner.

CA Test Data Manager - Datamaker Administrator Logon
Ødatamaker™
User Name: administrator
Password :

A 'CA Test Data Manager-Datamaker Repository Schema-Update Required' pop up will appear.

On it you will be asked 'Do you wish to run this update now?'

Click the 'Yes' button.

🨧 CA Test Data Manager - Datamaker Repository Schema -	Updates Required	— ×
CA Test Data Manager - Datamaker Reposit	ory Schema Updates.	•
You can choose to run this script now or found in C:\Users\gilta03\AppData\Roamin	[.] later. We recommend that you should run it now. The sc g\Grid-Tools\rep_update.ddl	ript can be
Do you wish to run this update now?		=
DROP INDEX atrep error log_atrep el n1:		
/* ADD COLUMN */		
el_vm_id	varchar (30) NULL;	
CREATE INDEX gtrep_el_n1 ON gtrep_error_ el_su_id el_vm_id el_type	log (,);	
ALTER TABLE gtrep_licence DROP CONSTRAINT gtrep_licence_pk;		
/* WIDEN COLUMN */ ALTER TABLE gtrep_licence ALTER COLUMN lic_mac	varchar (60);	
/* NULLITY */ ALTER TABLE gtrep_licence ALTER COLUMN lic_mac	varchar (60) NOT NULL;	
/* WIDEN COLUMN */ ALTER TABLE gtrep_licence ALTER COLUMN lic_product	varchar (60);	
/* NULLITY */		3.2.0.1 [S11] 3.2A 👻
Yes	No	

You will now need to activate the license key.

Within Datamaker, at the top of the toolbar, go to the 'Settings' tab.

Choose 'Enter Activation Key' from the drop down list.

Projects Test Data Data Target Data Source Security Data Subset Data Profiler Data Design Data Tools Tools S Image: Tage:	Settings Window Help Options Ctrl+F12 SQL Window options
	Options Ctrl+F12 SQL Window options
tince	Current User Only Single Click to change context Show Level ID Show Date Format warnings Set max rows in Data Definition Display resolved data on status line Detect Relational Edits Show Connection in Title Set Title Use data creation assistant Enter Activation Key Set Current Year Set Current Year Set Support Email Address Project Settings View connections

🙆 CA Test Data Manager - Datamaker Licensing 3.2.0.1	×
Please enter your activation key: 陷	
Company Name:	
Activation Required	

Open your email attachment with the license key.



Paste the long, single line of alphanumeric characters into the text box.

Click the 'Save' icon.

🔞 CA Test Data Man	nager - Datamaker Licensing 3.2.0.1	×
Please enter you	ur activation key: 陷	
JRvtlx0oN4Y4Ptx2i71	TKYUC9WAvF2mxqnKH2b0Eo9Xrna4fXcIJBTiyj2Nd7OnVM6HrKkPaEfYA4K96jrht+4Phy3B+N-ASf8Fflo8iYf9fqOr	1p0E90G
Company Name:	CA Technologies - 105246 - TDMMA S99000	
Activated: Lease	expiring 2016-12-09	

You should get a 'Datamaker activated for CA Technologies' pop up.

Click the 'OK' button.

🕕 CA Test Data N	lanager - Datamaker					×
CA Test Data	Manager - Dat	amaker activated	for CA Tech	hnologies - 10524	5 - TDMMAS99000	*
					3.2.0.1 [S11]	3.2A 👻
		ſ	01			
			UK			

You should now see a list of all your old profile connections in the profile list.

🔘 Dat	🕐 Data Target and Data Source log in CA Test Data Manager - Datamaker							
			Øda	tamaker™				
0					(-)			
0	(Profile	DBMS	Database	*			
		GRP- HRENV2	SQL Server (DSN-Less ODBC)	Driver={SQL Server Native Client 11.0};server=GILTA03\SQLE	XPRESS;database=HR			
	1	GRP- HRENV1	SQL Server (DSN-Less ODBC)	Driver={SQL Server Native Client 11.0};server=GILTA03\SQLE	XPRESS;database=HR			
		TestMart	SQL Server (DSN-Less ODBC)	Driver={SQL Server Native Client 11.0};server=GILTA03\SQLE	XPRESS;database=Te			
		sa - travel	SQL Server (ODBC)	travel	_			
		sa - travel_e	SQL Server (ODBC)	travel_e	-			
		HRENV1	SQL Server (DSN-Less ODBC)	Driver={SQL Server Native Client 11.0};server=GILTA03\SQLE	XPRESS;database=HR			
		HRENV111	SQL Server (DSN-Less ODBC)	Driver={SQL Server Native Client 11.0};server=GILTA03\SQLE	XPRESS;database=HR			
		HRENV2	SQL Server (DSN-Less ODBC)	Driver={SQL Server Native Client 11.0};server=GILTA03\SQLE	XPRESS;database=HR			
		sa - orders	SQL Server (ODBC)	orders				
					+			
, mil			Connect Data Target	ofiles from: istry ository				

Before connecting to any profiles, you will need to exit out of Datamaker, and change the old-rep.xml file names back to rep.xml.

Go to C:\Program Files (x86)\Grid-Tools\GTDatamaker\ and C:\Users\AppData\Roaming\Grid-Tools to do so.

					x
S v Program	Files (x86) ▶ Grid-Tools ▶ GTDatamaker ▶	▼ 4 ₇	Search GTDatamaker		٩
Organize 🔻 🛅 Open	▼ New folder		1	≣ ▼ 🔳	0
	Name	Date modified	Туре	Size	•
Deckton	Qt5Core.dll	11/20/2015 5:36 AM	Application extens	4,768 KB	
Downloads	📄 rep.xml	10/13/2015 3:06 PM	XML Document	1 KB	
- Downloads	🚳 runftp.bat	11/20/2015 5:35 AM	Windows Batch File	2 KB	

						x	
Gill, Tayl	or ▶ AppData ▶ Roaming ▶ Grid-Tools ▶	▼ + ₇	Search Grid-Tools			Q	
Organize ▼ 🖬 Open ▼ New folder 🔠						?	
👉 Eavorites	Name	Date modified	Туре	Size		*	
Deskton	Data_Pool_SQLBased_Data_Pool.log	10/16/2015 11:40	Text Document		2 KB		
Downloads	DataVis_54_2360_1510301022.csv	10/30/2015 10:22	Microsoft Excel C		2 KB		
Recent Places	Diagramer.xml	11/3/2015 12:56 PM	XML Document		39 KB		
A Recent Hotes	DM_ARGS.TXT	11/3/2015 4:06 PM	Text Document		1 KB		
🚍 Libraries	DM_FNV_604_23622015-10-15-15-10-54.txt	10/15/2015 3:10 PM	Text Document		1 KB		
Documents	DM_FNV_604_23622015-10-15-15-15-47.txt	10/15/2015 3:15 PM	Text Document		1 KB		
Music	DM_FNV_604_23622015-10-15-15-58-18.txt	10/15/2015 3:58 PM	Text Document		2 KB		
Distures	DM_FNV_604_23622015-10-15-16-00-47.txt	10/15/2015 4:00 PM	Text Document		3 KB		
Videor	DM_FNV_604_23622015-10-15-16-11-46.txt	10/15/2015 4:11 PM	Text Document		3 KB		
Videos	DM_FNV_604_23622015-10-15-16-13-58.txt	10/15/2015 4:14 PM	Text Document		3 KB		
Computer	DM_FNV_604_23622015-10-15-16-15-02.txt	10/15/2015 4:15 PM	Text Document		3 KB		
Computer	DM_FNV_604_23622015-10-15-16-30-47.txt	10/15/2015 4:30 PM	Text Document		3 KB		
LOCALDISK (C:)	DM_FNV_604_23622015-10-15-16-32-09.txt	10/15/2015 4:32 PM	Text Document		3 KB		
G Network	DM_FNV_604_23622015-10-15-16-32-37.txt	10/15/2015 4:32 PM	Text Document		4 KB		
	DM_FNV_604_23622015-10-15-16-38-18.txt	10/15/2015 4:38 PM	Text Document		4 KB		
	DM_FNV_604_23622015-10-16-09-04-02.txt	10/16/2015 9:04 AM	Text Document		6 KB		
	DM_FNV_604_23622015-11-02-09-44-10.txt	11/2/2015 9:44 AM	Text Document		7 KB		
	employee_windows_comma_export_2015	10/16/2015 11:21	Text Document		1 KB		
	ERDStoreFront - Example Project - SQL S	11/3/2015 12:56 PM	DAT File		35 KB	=	
	GRPHRENV1.xml	10/14/2015 9:32 AM	XML Document		2 KB		
	profiles.xml	11/3/2015 4:06 PM	XML Document		1 KB		
	rep.xml	10/19/2015 11:39	XML Document		1 KB		
	rep_update.ddl	12/10/2015 2:56 PM	DDL File		5 KB		
	savedirectory.txt	11/2/2015 1:09 PM	Text Document		1 KB		
	showviews.txt	10/30/2015 10:46	Text Document		1 KB		
	templatedirectory.txt	10/14/2015 9:21 AM	Text Document		0 KB	-	
rep.xml Date modified: 10/19/2015 11:39 AM Date created: 10/19/2015 11:25 AM XML Document Size: 435 bytes							

Now, launch Datamaker again.

Enter your administrator credentials.

CA Test Data Mana	ager - Datamaker User Logon for CA Technologies - 105246 - TDMMAS99000
	datamaker™
User Name:	administrator
Password :	•••••

Choose profiles to connect to.

🔘 Da	🙆 Data Target and Data Source log in CA Test Data Manager - Datamaker								
0			Øda	tamaker™	-				
$\overline{0}$	(Profile	DBMS	Database	•				
		GRP- HRENV2	SQL Server (DSN-Less ODBC)	Driver={SQL Server Native Client 11.0};server=GILTA03\SQLEXPRESS;database=H	R				
	1	GRP- HRENV1	SQL Server (DSN-Less ODBC)	Driver={SQL Server Native Client 11.0};server=GILTA03\SQLEXPRESS;database=H	R				
		TestMart	SQL Server (DSN-Less ODBC)	Driver={SQL Server Native Client 11.0};server=GILTA03\SQLEXPRESS;database=Te	*				
		sa - travel	SQL Server (ODBC)	travel	-				
		sa - travel_e	SQL Server (ODBC)	travel_e	-				
		HRENV1	SQL Server (DSN-Less ODBC)	Driver={SQL Server Native Client 11.0};server=GILTA03\SQLEXPRESS;database=H	R				
		HRENV111	SQL Server (DSN-Less ODBC)	Driver={SQL Server Native Client 11.0};server=GILTA03\SQLEXPRESS;database=H	R				
		HRENV2	SQL Server (DSN-Less ODBC)	Driver={SQL Server Native Client 11.0};server=GILTA03\SQLEXPRESS;database=H	R				
		sa - orders	SQL Server (ODBC)	orders					
					-				
			Connect Data Target	ofiles from: istry ository					

You should be able to access Datamaker and its toolbars.

O CA Test Data Manager - Datamaker CA Technologies - 105246 - TDMMAS99000	
Projects TestData DataTarget DataSource Security DataSubset DataProfiler DataDesign DataTools Tools Settings Window Help	
	3.2.0.1 [S11] 3.2A
Context: Data Gen Training V1	•

Verify the repository does not need any more maintenance.

To verify that the repository does not need any more maintenance, you can use the Ctrl + Alt + M function.

On your keyboard, press Ctrl + Alt + M while logged into Datamaker.

O CA Test Data Manager - Datamaker CA Technologies - 105/46 - TDMMA599000	- # *
Projects TestData DataTarget DataSource Security DataSubset DataProfiler DataDesign DataTools Tools Settings Window Help	
	3.2.0.1 [S11] 3.2A
Context: Data Gen Training V1	•

A 'GT Datamaker Administrator Logon' window should show.

Enter your administrator User Name and Password.

CA Test Data Manager - Datamaker Administrator Logon				
Ødatamaker™				
User Name: Administrator				
Password :				

A 'Maintain Connections' window should appear.

Expand the first tree under 'GT Datamaker Connection maintenance'.

Click on the 'Check Repository Tables' icon.

Click on the 'Process' button located in the top, right hand corner.

You should see a 'Checking repository tables' message.

If everything has updated correctly, you should then get a 'Repository Schema OK - No updates required' message.

🗵 Maintain Connections 📃 🛃					
CA Test Data Manager - Datamaker Connection maintenan CA Test Data Manager - Datamaker Test Data Reposit Update Repository Tables Update Repository Transact-SQL Create Audit Triggers Create Audit Triggers Pop Audit Triggers Roll up rows Populate context desc Analyse Repository tables Drop old Repository views Purge Publish Jobs Purge User Access logs Purge Web Logs 27 Reset Sequences Masking functions CA Test Data Manager - Datamaker Data Target (not c CA Test Data Manager - Datamaker Data Source (SQL	Check all CA Test Data Manager - Datamaker tables are present in the repository connectio Process This facility will check if any tables are missing and create a script to create any missing tables. Click the Process button to check tables.				
· · · · · · · · · · · · · · · · · · ·					

Ø Maintain Connections						
🖃 🖃 CA Test Data Manager - Datamaker Connection maintenan						
🚊 💥 CA Test Data Manager - Datamaker Test Data Repositi		_				
	Repository Schema OK - No updates required.	e.,				
🛶 🏶 Update Repository Transact-SQL						
🛶 🏶 Create Audit Triggers						
🔤 🎇 Drop Audit Triggers						
Drop old Repository views						
🚆 Purge Publish Jobs						
Purge User Access logs						
Purge X-ref tables						
Purge Message table						
Purge Web Logs						
127 Reset Sequences						
Remote Publish Authorisation DM Internal Project. Data Assistant Bude Cate						
Le Macking functions						
CA Test Data Manager - Datamaker Data Target (not c						
A Test Data Manager - Datamaker Data Taiget (Not e						
E CA TEST Data Manager "Datamaker Data Source (Sige						
	4 b	-				
	Write to File Execute Script					
<		1				
		12				

Click on the 'Update Repository PL/SQL' in the tables section.

In the 'Update Repository PL/SQL' pop up, you will be asked, 'Do you want to update all the repository PL/SQL?'

Click the 'Yes' button.

You should get a message returned containing '0 failed or not attempted' message.

Click 'OK'.

This verifies that your repository database is up to date and synced properly.

Ø Maintain Connections	23
CA Test Data Manager - Datamaker Connection maintenan	
 Roll up rows Populate context desc Analyse Repository views Purge Publish Jobs Purge Lubish Jobs Purge Veriatables Purge	
< >	



Activating Fast Data Masker.

After successfully upgrading Datamaker, you will also need to activate the license for Fast Data Masker as well.

Launch Fast Data Masker by double clicking on the icon on your desktop.

A 'Connection Files' window should appear.

Choose a previous connection or create a new one.

Click the 'Connect' button.

Notes:

- It is a best practice to 'Save' the connection, then press the 'Connect' button.
- You will not see any underscores you type inside this window. It will look like there is a space instead.
 For example, 'connect_test' will appear as 'connect test'.
- If you get an error about the 'Connection Name', make sure the name starts with the word 'connect' before it.

0	🔆 FastDataMasker - Connection files from 'C:/Users/gilta03/AppData/Roaming/Grid-Tools/Fastdatamasker/'							
	Click on a connection file to select							
	Connection Files							
	connectCache txt	Connection Name:	connectMSSQL MyBooks.txt					
	connectDB2.txt							
	connectdb2400.txt	DBMS:	SQLSERVER					
	connectINFORMIX.txt							
	Connectingres.txt	Server Name\Instance:	GILTA03\SQLEXPRESS					
	connectMSSQL_gilta03.txt							
	connectMSSQL_MvBooks.txt	User Name:	sa					
	ConnectMYSQL.txt							
	connectOracle.txt	Password.	*****	Encrypt Save Pwd				
	connectSQLANYWHERE.txt	lassional						
	connectSQLAnywhere11.txt		4 (00					
	connectSQLSERVER.txt	Port:	1433					
	connectSQLServerScramble.txt							
	connectSYBASE.txt	Database Name:	DB Demo					
	connect/SAM.txt							
	connect_HRENV2.txt	Default Schema:	dbo					
	Set Directory	Copy Connection	Delete Connection Save New	Connect Cancel				

Fast Data Masker will only prompt you for the license activation key once you have run a masking job.

Create a simple masking scenario to run, or 'Open a Saved Mask', which is located at the bottom, right hand corner of the screen.

Choose a table and column to mask, and what the masked data should be replaced with in the 'Masking' tab.

FastDataMasker Version 4.2.0.4 - Build Date 26 November 201	5		
Help Configuration Settings			
Masking Restartability Options Summary			
Select one or more tables to mask then use the buttons to move to Masked Tables list	Click on a table to set masking	WHERE CONDITION onlineally set a SOL condition if this is set only rows for this condition will be masked	
Available Tables	Masked Tables		
	mybooks		
		Add columns to masker autous manufacture	
		autor	
>		Mask Type: [HASHLOV - Hash current value to consistently pick a value from seed list	T
<		Get Seed Data From	
		From File From Database	
~~		- Seed Data The type of data you want to use	
		Data Category: American Female First Name	
		Optionally hash on this column to get seed list entry instead of the current column	Keep Nulls
		Hash Column: bookiD	>
			Ŀ
		Unique Columns	
Select Sum	nary tab to save	and run mask.	
Select Options tab to	set mask option	s like commit frequency. Open Saved Mask	

Next, in the 'Options' tab, set your preferences.

For this test scenario, we would advise to put an 'N' next to 'DBUPDATES' so that data is not actually changed in the database.

0	📀 FastDataMasker Version 4.2.0.4 - Build Date 26 November 2015							
Hel	Help Configuration Settings							
Ma	sking Restartability Options Summary							
	C	PTION			DES	SCRIPTION	VALUE	
1	AUDIT			Audit maskin	ocess possible values are ALL, SAMPLEnr	(sample every nnth row) or ROWnnn(show the first nnn rows)	100	
2	AUDITDIR			Set the path t	e audit file directory, the default is audits off	the current directory		
3	AUDITEPASSW	ORD		set the encry	l password for the audit zip file			
4	AUDITFILE			myaudit.csv -	e name of the file to store audit information			
5	AUDITONLYCO	LUMNS		You can now	ntion the specific list of columns to be audit	ed in the format table1.column1,table2.column2,table3.column3 e	etc	
6	AUDITPASSWO	RD		set the pass	d for the audit zip file			
7	7 AUDITVALUES N - do not show old and new values in the AUDIT file, the default is to show both							
8	AUDITZIP zip and encrypt the audit csv file, values are winzip or jzip for the program to use for the zip							
9	BACKUPDIR Set the path to the backup file directory, the default is backups off the current directory							
10	BADDATESTRI	١G		for DOB, DOI	dates stored in character fields specify the	date to replace the un parseable date with - for example 1990010	01	
11	BLANKSASNU	LS		set to Y, for c	acter data types if the column contains blank	ts to the column width, treat as a null for keepnulls in the masking	J	
12	CASEINSENSI	IVESEED)	RANDLOV1 s	ch case insensitive			
13	CASEINSENSI	IVEXREF		For cross ref	nce - make comparisons case insensitive			
14	14 CDATE 20101224 Override todays date for the purposes of date calculation functions, for example DOB							
15	COMMIT			1000 - comn	fter each 1000 rows for each table to be ma	sked		
16	CROSSREFCO	NNECT		connectscrar	e.txt - the name of the connection file to read	and write cross reference data to		
17	CROSSREFTA	BLE		gtsrc_xref - th	ame of the table to read and write cross refe	erence data to		
18	DB2BATCHUP	DATE		N(Default) if	e fast batched updates rather than standar	d 'update where current of cursor method		
19	DBUPDATES			N - run in sin	tion mode, P - no updates output pre and p	ost step sql for triggers and FK constraints	N	

Review your masking rules in the 'Summary' tab.

Click on 'Save & Run Mask'.

📀 Fa	S FastDataMasker Version 4.2.0.4 - Build Date 26 November 2015								
Help	Help Configuration Settings								
Mas	Masking Restartability Options Summary								
	Table	Column	Function	Parm1	Parm2	Parm3	Parm4	KeepNulls	
1 0	mybooks	author	HASHLOV	Pra firstnamefemaleamerican.txt		bookID		Y	

Start Memory (Mb)	100	Max Memory(Mb)	1000	Create Batch Script on Save	Split Table Sav	we Mask	Save & Run Mask

Choose a place to store your masking rules and options file.

🚫 Save	
Look <u>I</u> n: 📋	FastDataMasker
audits	test_MSSQL_map.csv
📄 backups	Training.csv
📄 errorlogs	training1.csv
📄 install	training2.csv
E Logs	trainingdate.csv
mybooks_	mask.csv 📄 trainingeid.csv
File <u>N</u> ame:	my.books.mask
Files of <u>T</u> ype:	comma seperated file (*.csv)
	Save Cancel

Save Options	File		×
Look <u>I</u> n: 📋 I	FastDataMasker	· · · · · · · · · · · · · · · · · · ·	
audits		connect_HRENV2.txt	Connectingres.txt
📄 backups		📄 connectCache.txt	📄 connectMSSQL_gi
📄 errorlogs		connectDB2.txt	connectMSSQL_M
📄 install		connectdb2400.txt	ConnectMYSQL.txt
E Logs		connectINFORMIX.txt	connectOracle.txt
•			<u></u>
File <u>N</u> ame:	my_options.txt		
Files of <u>T</u> ype:	text file (*.bxt)		•
			Save Cancel



You should then be prompted with a 'No valid license found. Do you want to enter a new activation key?' message.

Click the 'Yes' button.



Copy and paste the same activation key you used for Datamaker earlier.

Click 'OK'.

Run mask	
Activation Key	
	OK Cancel

To I Gill, Taylor To We removed extra line breaks from this message. Message CA. Technologies_105246_TDMMAS99000txt (538 B)				
Hello Taylor, Attached is your new Datamaker License key.				
CA_Technologies_105246_TDMMAS99000_txt - Notepad File Edit File Edit Format View Help BZ9Mr9juRvtIx0on4y4Ptx2i7TKYUC9WAVF2mxqnKH2b0Eo9xrna4fxcIJBTiyj2Nd7OnvM6HrKkPaEfYA4K96jrht+4Phy3B+N-ASf8Fflo8iyf9fqonp0E				

Once the activation key has been entered, re-run the masking scenario.

After going through the 'Save & Run Mask' scenario, you should now get a 'Masking Complete' message.

If you were able to do this, your license has been successfully activated.

Running java -Djava.util.logging.config.file="C:/Program Files/Grid-Tools/FastDataMasker/logging.properties" -Xms100M	-Xmx 🛙 🕅
Error processing xml for table mybooks and column author Ignoring xml data for row 2 using function HASHLOV XML:Radebe Ioading seed data lastnames.txt at 2015.12.16 15:16:24.028 CST Finished Ioading seed data lastnames.txt at 2015.12.16 15:16:24.030 CST Ioading seed data lastnames.txt at 2015.12.16 15:16:24.031 CST Finished Ioading seed data lastnames.txt at 2015.12.16 15:16:24.032 CST	
loading seed data lastnames.txt at 2015.12.16 15:16:24.033 CST Finished loading seed data lastnames txt at 2045.42.46.45:46:24.025 CST	
loading seed data lastnames.txt at 2015 Mask Data	
Finished loading seed data lastnames.tx Error processing xml for table mybooks Ignoring xml data for row 3 using function XML:Raina Loading seed data lastnames txt at 2015	
Finished loading seed data lastnames.tx loading seed data lastnames.tx Finished loading seed data lastnames.tx	
loading seed data lastnames.txt at 2015.12.16 15:16:24.052 CST	
updated 3 rows for table mybooks AT 2015.12.16 15:16:24.064 C ST	
masking complete at 2015.12.16 15:16:24.068 CST	
Approx max memory used:27.978k (28% of allocated)	
Save Stop Print	Close