How To Copy A SQL Database – SQL Server 2005 (Making a History Company)

These instructions are written for use with SQL Server 2005. Check with your Network Administrator if you are not sure if you are using this version of SQL Server. Before beginning the database copy procedure or any other major database process, it is highly recommended to make a backup of your data. Shoptech Industrial Software is not responsible for data loss or corruption. All Users must be logged out of the E2 Shop System and all related applications must be shutdown (Data Collection, PC Data Collection, Quick View and the E2 Trigger Server).

Copying A SQL Database

- 1. Open **SQL Server Management Studio**, and on the Connect to Server window enter the correct login and password information, then click the **Connect** button.
- Browse to **Databases** in the Object Explorer pane and locate the database you want to copy.



3. Right click the database, select **Tasks**, then **Copy Database**. This will start the SQL Server Copy Database Wizard. Click **Next** to start the wizard.

		Copy Database Wizard	
			Welcome to the Copy Database Wizard
	Detach		
	Take Offline Bring Online	(V)	You can use this wizard to move or copy databases from an instance of SQL Server 2000 or SQL Server 2005 to an instance of SQL Server 2005.
	Shrink 🕨		
	Back Up Restore	-	
	Mirror Ship Transaction Logs		
New Database New Query Script Database as 🕨	Generate Scripts Import Data Export Data		
Tasks 🕨 🕨	Copy Database		
Rename Delete	~		Do not show this starting page again.
Refresh Properties		Help	< Back Next > Finish >>1 Cancel

4. On the Select a Source Server window, set the Source Server to your SQL Server, and select the appropriate authentication, User Name, and Password. Click **Next**.

👫 Copy Database Wizard				
Select a Source Server Which server do you want to move or copy the databases from?				
Source server:	gullett			
 Use Windows Authentication 				
Use SQL Server Authentication	1			
User name:	88			
Password:	N MARMA			
Help	< Back Next > Finish >>	Cancel		

5. On the Select a Destination screen, again set the Destination server to your SQL Server, and enter the appropriate authentication, User name, and Password. Click **Next**.

Destination server:	gullett	
O Use Windows Authentic	cation	
O Use SQL Server Auther	ntication	
User name:	\$ð	
Password:	XXXXXXX	

6. On the Select Transfer Method window select the Detach/Attach method.



7. The next window asks you which database you want to copy. Enter a check in the box in the Copy column next to your E2 database and click **Next**.

atabases:				
Move	Сору	Source:gullett	Status	
]		MIDLAKE_GE_011706	Already exists on destination	
]		MIDLAKE_KEEP	Already exists on destination	
		model	System database	
1		MORRISON_KEEP	Already exists on destination	
		msdb	System database	
		NCSTAUFFER_CG_010905	Already exists on destination	
1		NewPEC_Greg_010606	Already exists on destination	
]		RNR_KEEP	Already exists on destination	
	~	SAMPLE70_KEEP	Already exists on destination	
1		TAMISQL	Already exists on destination	
		tempdh	Sustem database	
				>
			B	efresh

8. On the Configure Destination Database (1 of 1) window, enter the name of the database you want to copy into. Be sure to edit the entries in the destination folder column to be the location where you want the wizard to create the files that make up the SQL database. Click **Next**.

🕫 Copy Database	Wizard		
Configure De Specify databas	stination [e file names an	Database (1 of 1) d whether to overwrite existing databases on I	the destination server.
Source database			
SAMPLE70_KEEP			
Destination database	E.		
SAMPLE70_2005			
Destination database	files:		
Filename	Size (MB)	Destination Folder	Status
SAMPLE70_200	42.25	E:\TESTSQL\SQLDATA	OK
SAMPLE70_200	19.625	E:\TESTSQL\SQLDATA	OK
If the destination dat. Stop the transfer Drop any databas	abase already e if a database or e on the destin	xists: file with the same name exists at the destinati ation server with the same name, then continu	Refresh on. se with the database transfer, overwriting
existing database	files.	< Back	Next> Finish >> Cancel

9. The next screen allows you to set the name for the package and how errors should be logged, you can accept the defaults and click **Next**.

⁸ Copy Database Wizard	
Configure the Package	4
The wizard will create a Integration Services package with the properties you specify below.	
Package location: GULLETT\DTS Packages\Copy Database Wizard Packages	
Package name:	
Logging options:	
Windows event log	*
Error log file path:	
Help C Back Next> Finish>>	Cancel

10. We want this package to Run immediately, click Next.

Copy Database Wizard		
Schedule the Package Schedule the SSIS Package		4
The Integration Services package produced by t	he wizard can run immediately, or it can be scheduled to run late	C
 Run immediately 		
O Schedule:		
	Change sch	nedule
Integration Services Proxy account	SQL Server Agent Service Account	*
Help	< Back Next > Finish >>	Cancel

11. To complete the wizard, click **Finish**. The process will take some time depending on the size of the database. When it is complete, click **Close**.

Copy Database Wizard	
Complete the Wizard Verify the choices made in the wizard and click Finish.	5
Click Finish to perform the following actions:	
The following databases will be moved or copied to gullett:	
Copy:SAMPLE70_KEEP • Destination file will be created: E:\TESTSQL\SQLDATA\SAMPLE70_2005.mdf • Destination file will be created: E:\TESTSQL\SQLDATA\SAMPLE70_2005.ldf Stop transfer if duplicate database name exists at destination	
Package scheduled to run immediately	
Help CBack Next > Finish	Cancel

12. In the Object Explorer, right click on **Databases**, then select **Refresh**. You should now see the copied database in the Object Explorer. Select this new database.

Setting the Company Name

- 1. In the Microsoft SQL Server Management Studio, click the **New Query** button.
- Type the following text: update company set companycode = 'X' where X is equal to the name of the database you just created or exported into. The Company Code should be 12 characters or less.



- 3. Click the *Execute* button in the tool bar to run the command.
- 4. Close the Microsoft SQL Server Management Studio. Answer **No** to any prompts about saving the queries you just ran.

Add It to Your List of Companies

- 1. Open the E2 Shop System. Go to File | System Maintenance | User Maintenance. Select the user you want to add the new SQL database to and click edit.
- 2. In the lower left corner, select **SQL Server** as the Database Type and click **Browse For DB**.

Jpdate Use	pdate User				
User ID: S Name: S	UPERVISOR ystem Administrato	Passv	vord: PASS		
Available	Companies	E-Mail Settings Misc S	Database Path		
\checkmark	SAMPLE	ABC Machine Shop	C:\APPS\E2SS51\BLSWIN32\DAT\SAMPLE\		
\checkmark	SAMPLESQL	ABC Machine Shop			
					
	1	<u> </u>	<u>)</u>		
Databas	e Type: SQL Server	Browse For DB	Delete		

 In the Data Link Properties window, select Microsoft OLE DB Provider for SQL Server and click NEXT. On the Connection tab, select the Server name, specify a valid authentication method and select the database on the server. Note that if you specify a username and password, check the box for Allow Saving Password. Click OK.

🖏 Data Link Properties	🗙 🗒 Data Link Properties 🔀
Provider Connection Advanced All	Provider Connection Advanced All
Select the data you want to connect to: DLE DB Provider(s) Microsoft ISAM 1.1 OLE DB Provider Microsoft OLE DB Provider for DTS Packages Microsoft OLE DB Provider for DTS Packages Microsoft OLE DB Provider for ODBC Drivers Microsoft OLE DB Provider for ODBC Drivers Microsoft OLE DB Provider for OLAP Services Microsoft OLE DB Simple Provider Microsoft OLE DB Provider for Microsoft Directory Services SQL Server Replication OLE DB Provider for DTS <u>Next</u> >>	Specify the following to connect to SQL Server data: 1. Select or enter a server name: DONALD Enter information to log on to the server: Use Windows NT Integrated security Use year a specific user name and password: User name: Sample convert of Allow gaving password Callow gaving password Attach a database file as a database name: SAMPLECOPY Using the filename: Callow convertion Callow convertio
OK Cancel Help	OK Cancel Help

4. The database is now added to the list. You can now log into the newly copied database through E2.