IMI ADODB Message Store

(DEMO application)

The IMIMSP32 is a sample message store that uses Microsoft Office Access 2000/2003 MDB or Microsoft SQL Server 2000/2005 (incl. Express Edition) as backend store.

Supported Features

Basic operations.

The message store supports:

- reading, creating, modifying, and deleting messages;
- browsing, creating, and deleting folders;
- submitting outbound message to transports;
- and associating all types of attachments with messages.

Multivalued properties are supported for all objects. The message store can be used as a default message store for a MAPI client (please call for more info)

Copy operations.

The sample message store supports moving and copying messages and folders. These operations are delegated to MAPI support functions unless an operation occurs entirely within one message store.

Event notification.

The sample message store supports event notification on tables (again, courtesy of IMAPITableData).

Named properties

GetNamesFromIDs and GetIDsFromNames methods of IMAPIProp. Folder-associated information (MAPI_ASSOCIATED, DEL_ASSOCIATED flags).

Unsupported Features

- Searches (SetSearchCriteria method of IMAPIFolder).
- Categorization of contents tables.
- IMAPIStatus interface.

Known Problems

Reminder service doesn't work correctly.

When Microsoft Access is backend store, provider is unstable when MDB size is grown over 1 GB.

Installation

To install the IMI ADODB Message Store you have to

1. Copy IMIMSP32.dll to the windows system32 directory.

2. You have to install IMIMSP32.dll by using Start->Run "rundll32"

Please type the following by observing caps and spaces.

"rundll32 IMIMSP32.dll,Install"

If it is installed successfully you will see the following message.

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IMI ADO	DB Message Store	X
	INSTALL -> DONE!	
	OK	

3. Start the Mail applet from the Control Panel

Select Data Files, Add

Mail Setup - TEST MSP	
E-mail Accounts	,
Setup e-mail accounts and directories.	E-mail Accounts
Data Files	
Change settings for the files Outlook uses to store e-mail messages and documents.	Data <u>F</u> iles
	Close

Select "IMI ADODB Message Store"

lew Outlook Data File	×
Types of storage:	
IMI ADODB Message Store	
DELPHI Sample EMAPI Mess	age Store
Office Outlook Personal Fold	Jers File (.pst)
Description	
Store IMI ADODB Message	Store

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You can select Microsoft Access or SQL Server connection.

Aail Setup - TE	ST MSP	
Outlook Data F	iles - TEST	MI ADODB Message Store
Open Folder to copy these files	display the fo s, you must fir	Microsoft Access Microsoft SQL Server Display Name: IMI ADODB Message Store
Personal Fold	ers C:\PO	Existing Stores:

Click over "Browse\Build..." button.

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🖳 Data Link Properties 🛛 🔀
Provider Connection Advanced All
Specify the following to connect to SQL Server data:
1. Select or enter a server name:
IMIBO-XP
2. Enter information to log on to the server:
Use Windows NT Integrated security
Use a specific user name and password:
User <u>n</u> ame:
Eassword:
Blank password Allow saving password
3. 💽 Select the database on the server:
Northwind
C Attach a database file as a database name:
Northwind
Using the filename:
Test Connection
OK Cancel Help

Select Server name (or MDB file), Database and please press "Test Connection".



If "schema" tables do not exists, they will be created.

Confirm 🛛 🔀	
?	IMI ADODB Tables DO NOT Exist. Two tables - "PRIVATE_STORES" and "STORE_OBJECTS" will be created.
	OK Cancel

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IMI ADODB Message Store
General IMI ADODB Message Store Connection Type Microsoft Access C Microsoft SQL Server
Display Name:
IMI ADODB Message Store
Existing Stores: </td
Path:
C:\OLD_PC1_IMIADOMSP_20I Browse\Build
Configuration is OK!
<u> </u>

That is all.

ta Files			
elect a data file in the list, the open Folder to display the fold opy these files, you must first	n click Settings for more details er that contains the data file. To shut down Outlook.	or click o move or	Tell Me More.
Name	Filename	Comment	Settings
Personal Folders	C:\POST\BOK\Outlook2.pst	Mail delive	
IMI ADODB Message Store	IMIBO-XP		Open Folder.
			<u>A</u> dd
17924			Remove
<		>	



To remove **IMI ADODB Message Store**, first remove the provider from all profiles where **IMI ADODB Message Store** is used as Outlook Data File.

After that you should run rundll32 as you see above, but now type "rundll32 IMIMSP32.dll,UnInstall" If everything is ok you should see the following message

IMI ADO	DB Message Store 🔀
i	UNINSTALL -> DONE!
	OK

And finally: don't forget that this is just an example, and we don't recommend using this Message store as a final product, in real situation. It is designed only to see how Outlook interacts with Service Providers and Data Bases.