

DEWizardX quick reference guide.

© DB Software Laboratory 2010

www.dbsoftlab.com

INTRODUCTION	5
1. Requirements	6
2. Methods.....	9
Procedure ShowWizard	9
Procedure OpenScript	9
Procedure LoadFromFile(filename: WideString).....	9
Procedure SaveToFile(filename: WideString).....	9
Procedure SetScript(const Value: WideString)	9
Function GetScript: WideString	9
Procedure Execute	9
Procedure AboutBox.....	9
3. Properties	10
Property OperationType.....	10
Import.....	10
Property SourceType	10
Data Source.....	10
Property SourceServer	10
Property SourceDatabase	10
Property SourceUserName.....	10
Property SourcePassword	10
Property SourcePort	11
Property SourceTable.....	11
Property SourceTables	11
Property SourceIsTable.....	11
Property SourceSelectStatement.....	11
Property SourceUseMask.....	11
Property SourceShowSystemTables	11
Property SourceMask.....	11
Source File	11
Property SourceFile	11
Property SourceFileIsDelimited.....	11
Property SourceFileDelimiter	11
Property SourceFileQuote.....	11
Property SourceFileHeaderLines	12
Property SourceFileFooterLines	12
Property SourceFileIsCrossTable	12
Property SourceFileFirstField.....	12
Property SourceFileBlocks	12
Property SourceFileBlockLength.....	12
Property SourceFileUseMask	12
Property SourceFileMask.....	12
Property XMLTableTag.....	12
Property XMLRecordTag	12
Target	12
Property TargetType	12
Property TargetServerName	13
Property TargetDatabase.....	13

Property TargetPort.....	13
Property TargetUserName	13
Property TargetPassword	13
Property TargetTable	13
TransformationType	13
EXPORT	14
Export File	14
Property ExportFile.....	14
Property ExportDirectory.....	14
Property ExportFileDelimiter	14
Property ExportFileQualifier	14
Miscellaneous	14
Property SourceConnectionEnabled	14
Property TargetConnectionEnabled.....	14
Property ParseConnection.....	14
Property LogFile	14
Property LoggingEnabled	14
Property SqlBefore.....	14
Property SqlAfter	14
Property SqlDelimiter	15
Property ShowWelcomePage.....	15
Property ShowLoadPage.....	15
Property ShowSavePage	15
Property ShowSqlBeforePage.....	15
Property ShowSqlAfterPage	15
Property ShowBanner	15
Property RejectedRecordsFile	15
Property RejectedRecordsDelimiter.....	15
Property RejectedRecordsQualifier	15
Property RejectedEnabled.....	15
Property WizardImage	15
4. Example	15
5. Support Procedure.....	17
6. License Agreement	18

DEWizardX quick reference guide

Copyright © 2010 DB Software Laboratory Limited. All rights reserved.

No portion of this document may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language, in any form or by any means, without prior written consent of **DB Software Laboratory Limited**.

Note to U.S. Government users:

Documentation and programs related to restricted rights - use, duplication or disclosure is subject to restrictions set forth in:

GSA FMSS Schedule Contract No. GS00K92AFS2505-PS05.

License Information

You have access to **DEWizardX** software and documentation pursuant to the terms of a Software License Agreement granted by DB Software Laboratory Limited. As a user of this software and documentation, you are bound by the terms of the Software License Agreement. All rights, title, and interest to this software remain with DB Software Laboratory Limited.

Requests for copies of this publication and for technical information about DB Software Laboratory products should be made directly to DB Software Laboratory Limited.

Disclaimer

All information in this manual is subject to periodic change and revision without notice. While every effort has been made to ensure that this manual is accurate, DB Software Laboratory Limited excludes its liability for errors or inaccuracies (if any) contained herein.

Registered Marks

Any products or services mentioned or depicted in this document are identified by the trademarks or service marks of their respective companies or organisations.

Edition Information

This document refers to **DEWizardX** version 3.6.4.0

INTRODUCTION

Visual Importer ActiveX loads data into any database. It is the only product on the market with such a wide support for databases. It uses native API for all of them which give the user great performance – thousands of records per second.

Data targets:

- Oracle,
- SQL server,
- PostgreSQL,
- MySQL,
- Interbase or Firebird,
- ODBC source,
- Ole DB connection.

Data sources:

- Multiple Delimited or Fixed width Text files,
- Multiple Excel files + Multiple Excel Spreadsheets,
- Multiple MS Access Databases,
- Multiple DBF Files,
- Any ODBC source,
- MS SQL Server,
- Oracle,
- PostgreSQL,
- MySQL,
- Interbase or Firebird,
- Ole DB connection,
- XML
- Multiple Tables,

Most of commercial applications work with the databases. One of the standard requirements is the ability to load data from external sources such as flat files or ODBC sources. In fact it is one of the most complicated parts of the application.

The issue becomes even more difficult if the software should work with different databases. Import routine one of the major component of any software package. Visual Importer ActiveX allows cutting the time of development by months.

Creating an Import routine requires a deep knowledge of databases API and it is next to impossible to find an expert with the experience of working with several databases.

By integrating one of DB Software Laboratory ActiveX into your own application you can quickly introduce fully functional universal import routine and **cut the time and the cost** required for the development of your own.

1. Requirements

Below is a List of Software that must be installed before installation of VimpX:

Software	Version		Notes
Microsoft Windows	98 or higher		
MDAC	2.6 or higher	Part of OS on W2K, XP, Vista.	
MS Excel ODBC driver	4.00.6305.00 or higher	Part of OS on W2K, XP, Vista.	Only to import data from Excel 3.0-2003 files
MS Excel 2007 ODBC driver	12.00.4518.1014 or higher	Separate download	Only to import data from Excel 2007 files
MS Access ODBC driver	4.00.6364.00 or higher	Part of OS on W2K, XP, Vista.	Only to load data from MS Access 95-2003 Databases
MS Access 2007 ODBC driver	12.00.4518.1014 or higher	Separate download	Only to load data from MS Access 2007 Databases
FoxPro ODBC driver	6.1.8629.1 or higher	Separate download	Only to load data from DBF/FoxPro Files
SQL ODBC driver	2000.81.9041.40	Part of OS on W2K, XP, Vista.	Only to import data into MS SQL Server 7/2008
Interbase client		GDS32.DLL	Only to work with Interbase or Firebird Databases
Oracle Client	7.3.4 or higher	Provided by Oracle	Only to import data into Oracle Databases

Separate Downloads:

FoxPro ODBC driver

<http://msdn.microsoft.com/en-us/vfoxpro/bb190233.aspx>

Office 2007 Data Access Components

<http://www.microsoft.com/downloads/details.aspx?FamilyID=7554F536-8C28-4598-9B72-EF94E038C891&displaylang=en>

Working with Oracle:

Oracle client 8.1.7 to load data into/from Oracle

Or

Oracle client 9 to load data into/from Oracle

Or

Oracle client 10 to load data into/from Oracle

Or

Oracle client 11 to load data into/from Oracle

Note:

*Depending on the Requirements you may or may not need to have all components installed
There is no need to install clients for MySQL and PostgreSQL they are integrated into the
software itself.*

2. Methods

Procedure ShowWizard

Use to show Data Exchange Wizard

Procedure OpenScript

Does the following

Shows open dialog box. opens script(configuration) and shows Data Exchange Wizard

Procedure LoadFromFile(filename: WideString)

Use to load configuration from file into Data Exchange Wizard

Procedure SaveToFile(filename: WideString)

Use to save configuration into the file

Procedure SetScript(const Value: WideString)

Use to assign script(configuration) to DEWizardX

If ParseConnection is true

When Operation Type is otIMPORT

DEWizardX connects to the target database and retrieves list of fields

DEWizardX connects to the data source and displays data

When Operation Type is otEXPORT

DEWizardX connects to the source database and retrieves list of tables

Function GetScript: WideString

Use to get script(configuration) as a text string

Procedure Execute

Use to Load/Export Data

Procedure AboutBox

Use to display about box

3. Properties

Property OperationType

0 – otIMPORT

1 – otEXPORT

Import

Property SourceType

Use to specify type of Import Source database

0 – dsNone

1 - dsText

2 - dsODBC

3 - dsDbf

4 – dsAccess

5 - dsExcel

6 - dsSqlServer

7 - dsOracle

9 - dsMySql

10 - dsPostgreSQL

11 - dsInterbase

12 - dsOleDB

13 - dsXML

Data Source

Property SourceServer

Depending on source connection type use SourceServer to specify Server Name, ODBC DSN or Oracle TNS name or Ole DB Connection String to load data from.

Property SourceDatabase

Use SourceDatabase to specify Database name for MS Sql Server/MySql/PostgreSQL..

Property SourceUserName

Use SourceUserName to specify user name for Data Source.

Note:

Leave it blank if you want to use ODBC connection string

Property SourcePassword

Use SourcePassword to specify user password for Data Source.

Note:

Leave it blank if you want to use ODBC connection string

Property SourcePort

Use SourcePort to specify TCP/IP port for MySQL or PostgreSQL connection.

Property SourceTable

Use SourceTable to specify table to display data from.

For example User could specify several tables to load data from in SourceTables and only one to display in SourceTable.

Property SourceTables

Use SourceTables to specify tables to load data from

Tables' names must be delimited by semicolon.

Property SourceIsTable

Use SourceIsTable to specify whether source is a table or SQL Statement.

Property SourceSelectStatement

Use SourceSelectStatement to specify SQL Statement to load data from.

Property SourceUseMask

Use SourceUseMask to specify whether use mask to find tables to load data from or not.

Property SourceShowSystemTables

Use ShowSystemTables to specify whether to show system tables in Data Source tab or not.

Property SourceMask

Use OdbcSourceMask to specify mask to find tables to load data from.

Source File

Property SourceFile

Use SourceFile to specify file to load data from.

Note:

If mask is specified SourceFile used as a directory to find files to load data from

Property SourceFileIsDelimited

Use SourceFileDelimited to specify whether source file is delimited or not.

Property SourceFileDelimiter

Use SourceFileDelimiter to specify delimiter for source file.

Property SourceFileQuote

Use SourceFileQuote to specify Quote for source file.

Property SourceFileHeaderLines

Use SourceFileHeaderLines to specify how many lines to skip at the beginning of the file before loading data.

Property SourceFileFooterLines

Use SourceFileFooterLines to specify how many lines to skip at the end of the file.

Property SourceFileIsCrossTable

Use SourceFileCrossTable to specify whether source file is Cross/Pivot table or not.

Property SourceFileFirstField

Use SourceFileFirstField to specify starting point of Cross/Pivot table.

Property SourceFileBlocks

Use SourceFileBlocks to specify number of blocks within Cross/Pivot table.

Property SourceFileBlockLength

Use SourceFileBlockLength to specify length of block within Cross/Pivot table.

Property SourceFileUseMask

Use SourceFileUseMask to specify whether use mask to find files to load data from or not.

Property SourceFileMask

Use SourceFileMask to specify mask to find files to load data from.

Property XMLTableTag

Use XMLTableTag to specify XML tag which holds table data.

Property XMLRecordTag

Use XMLTableTag to specify XML tag which holds table record data.

Target

Property TargetType

Use to specify type of target database

- 0 - dtNone
- 2 - dtODBC
- 6 - dtSqlServer
- 7 - dtOracle
- 9 - dtMySql
- 10 - dtPostgreSQL
- 11 - dtInterbase
- 12 - dtOleDB

Property TargetServerName

When ImportTargetType is

Oracle – TNS NANE

MS Sql Server/MySQL/PostgreSQL – server name

ODBC – ODBC Dsn or connection string

Ole DB – Ole DB connection string

Example:

```
DEWizardX1.TargetServerName='uid=sa;pwd=;driver={SQL  
Server};server=(local);database=demo;'
```

```
DEWizardX1.TargetDatabase='';
```

```
DEWizardX1.TargetUserName=''; -- must be blank
```

```
DEWizardX1.TargetPassword=''; -- must be blank
```

Property TargetDatabase

Use TargetDatabase to specify database name for MS Sql Server/MySql/PostgreSQL.

Property TargetPort

Use TargetPort to specify TCP/IP port for MySQL or PostgreSQL connection.

Property TargetUserName

Use TargetUserName to specify user name for target connection.

Note:

Leave it blank if you want to use ODBC connection string

Property TargetPassword

Use TargetPassword to specify Password for target connection.

Note:

Leave it blank if you want to use ODBC connection string

Property TargetTable

Use TargetTable to specify table to load data into.

TransformationType

0 – ttADD

1 – ttADDONLY

2 – ttADDUPDATE

3 – ttUPDATE

4 - ttDELETE

EXPORT

Export File

Property ExportFile

Use ExportFile to specify a file to export data into.

Note:

Only if export source is Sql Statement

Property ExportDirectory

Use ExportDirectory to specify a folder to export data into.

Note:

Only if export source is table(s)

Property ExportFileDelimiter

Use to specify an Export File Delimiter.

Property ExportFileQualifier

Use to specify a Export File Qualifier.

Miscellaneous

Property SourceConnectionEnabled

Use to prevent end user from changing source connection properties

Property TargetConnectionEnabled

Use to prevent end user from changing target connection properties

Property ParseConnection

Use ParseConnection to specify whether to parse Source/Target connection parameters when Script is loaded or assigned via SetScript.

Property LogFile

Use LogFile to specify file to save messages into.

Property LoggingEnabled

Use to enable writing messages into a file.

Property SqlBefore

Use to specify Sql to execute before importing/exporting data.

Property SqlAfter

Use to specify Sql to execute after importing/exporting data.

Note:

Sql Statements must be delimited Sql Delimiter

No Select Statements allowed

Property SqlDelimiter

Use to specify Sql Statements Delimiter.

Property ShowWelcomePage

Use to hide Welcome Page.

Property ShowLoadPage

Use to hide Load Configuration Page.

Property ShowSavePage

Use to hide Save Configuration Page.

Property ShowSqlBeforePage

Use to hide Sql Before Page.

Property ShowSqlAfterPage

Use to hide Sql After Page.

Property ShowBanner

Use to hide banner on the left.

Property RejectedRecordsFile

Use to specify file to save rejected records into.

Property RejectedRecordsDelimiter

Use to specify a Rejected Records File Delimiter.

Property RejectedRecordsQualifier

Use to specify a Rejected Records File Qualifier.

Property RejectedEnabled

Use to enable writing Rejected Records into a File.

Property WizardImage

Use to change Left Image of the Wizard

4. Example

```
// force DEWizardX not to use connection from the script file
DEWizardX1.Visible:=false;
DEWizardX1.ParseConnection:=false;
```

```
//Stops user from chaging connection parameters through the interface
```

```
DEWizardX1.SourceConnectionEnabled:=false;
DEWizardX1.TargetConnectionEnabled:=false;

//Hides Sql before and Sql after tabs
DEWizardX1.ShowSqlBeforePage:=false;
DEWizardX1.ShowSqlAfterPage:=false;

// specify Target
//DEWizardX1.ImportTargetType:=1; //- dtSqlServer
DEWizardX1.TargetServerName:='Server1';
DEWizardX1.TargetDatabase:='db11';
DEWizardX1.TargetUserName:='user1';
DEWizardX1.TargetPassword:='blah';
DEWizardX1.TargetTable:='mytable';

//Load Script From file

DEWizardX1.LoadFromFile('c:\myscript.txt');

// specify Source
//DEWizardX1.ImportSourceType:=0; //- dstext
DEWizardX1.SourceFile:='c:\1.txt';
DEWizardX1.SourceFileIsDelimited:=true;
DEWizardX1.SourceFileDelimiter:=';';
DEWizardX1.LogFile:='c:\1.log';
DEWizardX1.RejectedRecordsFile:='c:\rej1.log';

DEWizardX1.Execute;
```

5. Support Procedure

Should you require any support please send the following information to support@dbsoftlab.com

1. Version number
2. Example of data you are trying to load
3. Script to create table
4. Database version
5. Operation system version
6. Repository
7. Log files
8. Description of the problem

6. License Agreement

DEWizardX by
DB Software Laboratory
www.dbsoftlab.com
info@dbsoftlab.com

END-USER LICENSE AGREEMENT FOR THIS SOFTWARE

IMPORTANT - READ CAREFULLY:

This End-User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and DB Software Laboratory for the SOFTWARE PRODUCT identified above, which includes computer software and may include associated media, printed materials, and "online" or electronic documentation. By installing, copying, or otherwise using the SOFTWARE PRODUCT, you agree to be bound by the terms of this EULA. If you do not agree to the terms of this EULA, you may be subject to civil liability if you install and use this SOFTWARE PRODUCT.

SOFTWARE PRODUCT LICENSE

The SOFTWARE PRODUCT is protected by copyright laws and international copyright treaties, as well as other intellectual property laws and treaties.

The SOFTWARE PRODUCT is licensed, not sold.

INSTALLATION AND USAGE

Once SOFTWARE PRODUCT is installed you may use it for 30 days. After evaluation period ends, you have to purchase a license or stop using the SOFTWARE PRODUCT.

If this is an EVALUATION VERSION of the SOFTWARE PRODUCT, you may copy and distribute an unlimited number of copies of the SOFTWARE PRODUCT; provided that each copy shall be a true and complete copy, including all copyright and trademark notices, and shall be accompanied by a copy of this EULA.

If this is a REGISTERED VERSION of the SOFTWARE PRODUCT, you may install and use it for your personal use only. You may not reproduce or distribute the SOFTWARE PRODUCT for use by others.

LICENSING

There are two types of licenses available

1. A single computer usage license. The user purchases one license to use the SOFTWARE PRODUCT on one computer.
2. A SITE usage license. The user purchases a single usage license, authorising the use of SOFTWARE PRODUCT, by the purchaser, the purchaser's employees or accredited agents, on an unlimited number of computers at the same physical site location. This site location would normally be defined as a single building, but could be considered to be a number of buildings within the same, general, geographical location, such as an industrial estate or small town.

OTHER RIGHTS AND LIMITATIONS

You may not reverse engineer, decompile, or disassemble the SOFTWARE PRODUCT, except and only to the extent that such activity is expressly permitted by applicable law notwithstanding this limitation. Any such unauthorized use shall result in immediate and automatic termination of this license and may result in criminal and/or civil prosecution. All rights not expressly granted here are reserved by DB Software Laboratory.

The SOFTWARE PRODUCT is licensed as a single product. Its component parts may not be separated for use on more than one computer.

You may permanently transfer all of your rights under this EULA, provided the recipient agrees to the terms of this EULA.

SEVERABILITY

In the event of invalidity of any provision of this license, the parties agree that such invalidity shall not affect the validity of the remaining portions of this license.

COPYRIGHT

The SOFTWARE PRODUCT is protected by copyright laws and international treaty provisions. All title and copyrights related to the SOFTWARE PRODUCT (including but not limited to any images, photographs, animations, video, audio, music, text, and "applets" incorporated into the SOFTWARE PRODUCT), the accompanying printed materials, and any copies of the SOFTWARE PRODUCT are owned by DB Software Laboratory.

MISCELLANEOUS

Should you have any questions concerning this EULA, or if you desire to contact the author of this Software for any reason, please contact DB Software Laboratory (see contact information at the top of this EULA).

LIMITED WARRANTY

DEWizardX quick reference guide

DB Software Laboratory expressly disclaims any warranty for the SOFTWARE PRODUCT. The SOFTWARE PRODUCT and any related documentation is provided "as is" without warranty of any kind, either express or implied, including, without limitation, the implied warranties or merchantability, fitness for a particular purpose, or no infringement. The entire risk arising out of use or performance of the SOFTWARE PRODUCT remains with you.

In no event shall DB Software Laboratory be liable for any damages whatsoever or refund any money (including, without limitation, damages for loss of business profits, business interruption, loss of business information, or any other pecuniary loss) arising out of the use of or inability to use this product, even if DB Software Laboratory has been advised of the possibility of such damages. Because some states/jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, the above limitation may not apply to you.

SUPPORT AND MAINTENANCE

The annual maintenance fee is 20 percent of initial software license cost.

Users with a fully paid annual maintenance fee get the following benefits:

Priority Support

Free software enhancements, updates and upgrades during the maintenance period

Advanced and exclusive notification of software promotions

"Maintenance Owner ONLY" product promotions

ENTIRE AGREEMENT

This is the entire agreement between you and DB Software Laboratory which supersedes any prior agreement or understanding, whether written or oral, relating to the subject matter of this license.

Thank you for using the **DEWizardX**.

DB Software Laboratory

www.dbsoftlab.com

info@dbsoftlab.com