wk *syspro*

FlexSpooler ProgramSuite 2.0

XLanguage V2.5

Additions/Changes compared to XLanguage V2.4

Solution Partner

PLM

SIEMENS

Velocity Series

Additions/Changes to XLanguage V2.5 compared to V2.4

- Searching text blocks in the Place Text Block dialog no longer requires the Search button
  - Each text change in the search pattern text field of the Place Text Block dialog now immediately gives a search result of matching text blocks.
- New pop up dialog when placing text blocks containing place holders
  - When a selected text block to be placed contains place holders a new dialog pops up allowing the user to comfortably edit the place holder contents. This helps to avoid the unintended removal of place holder delimiters. In order to get the GUI items of the new dialog being displayed in the GUI language selected by the user, a new table named GUI_FormEditPlaceHolders must be added to your database by copying and renaming one of the existing GUI_Form* tables. Then enter 3 entries along with their translations as follows:

		GUI_FormEditPlaceHolders				
ObjName	Property	German	English	Czech	Italian	French
btnCancel	Text	Abbrechen	Cancel			
btnOk	Text	Ok	Ok	Ok	Ok	Ok
lblDescription	Text	Bitte optional die Platzhal-tertexte ausfüllen:	Please optionally edit the place holder texts:			

- New command line switch **/hidebgsheet** (hide background sheet)
  - In pure batch mode the new command line switch /hidebgsheet causes the translated DFT document to be saved with all background sheets being disabled.
- New command line switch **/remphdelimiters** (remove place holder delimiters)
  - In pure batch mode the new command line switch / remphdelimiters causes the translated DFT document to be saved with all place holder delimiters being removed. The DFT document might then be used to generate neutral file formats like PDF or DXF. The DFT document **must not** be used by XLanguage for further translations since then the filled place holders will get lost!

Usage note

While placing a text block via XLanguage onto the Solid Edge drawing sheet the process must not be interrupted by the user by pressing the ESC key! Since this will cause Solid Edge to break the communication of Solid Edge mouse events with the external XLanguage process. XLanguage will then stay in invisible state since the awaited events for Solid Edge mouse moves and/or a left/right mouse click never get sent by Solid Edge. If such a situation happened, the still running XLanguage process first must be terminated via the Windows Task Manager dialog before trying to restart XLanguage.

Installation/Uninstallation

Use the so called xcopy method to install XLanguage: Just copy the folder containing XLanguage and its components to i.e. "C:\Program Files" onto each computer.

If you „install" to a network share it is no longer required to configure each computer's code access security policy (CAS policy) since .NET 4.0 by default now full trusts execution of .NET executables from within the intranet.

To uninstall XLanguage just remove the folder containing XLanguage from the system.

Requirements

XLanguage is verified to run on the configurations below. Updates to this list can be found in the online documentation on: http://www.wksyspro.de/en/support/support.html

Attention: XLanguage V2.5 requires at least the .NET 4.0 client profile being installed!

System/Application	Solid Edge V20 32/64-Bit	Solid Edge ST-ST6 32/64-Bit
Windows Vista 32/64-Bit	√	√
Windows 7 32/64-Bit	√*	√
Windows 8/8.1 32/64-Bit	–	√**

* Solid Edge is not officially released for this version of Windows.

** Solid Edge ST6

Same applies to the Windows Server versions : 2003, 2003/R2, 2008, 2008/R2, 2014, 2014/R2

Configuration

Some configuration of XLanguage can be done by editing the file "XLanguage.ini". The table below shows the contents of the configuration file along with the comments describing the meaning of the entries. In order since V2.3 to additionally support Microsoft SQL Server as database server there were some minor changes regarding the database access. XLanguage V2.3 and higher implemented a provider independant database access which allows to specify the provider to be used via the configuration. By specifying the so called .NET database provider invariant name and the corresponding provider specific .NET database connection string you are free to use any database supported by .NET.

The configuration file contains 2 preconfigured pairs of provider invariant name and connection string. One pair configured for usage of a MDB file based database and the other one configured for usage of a Microsoft SQL Server based database.

[Options]
# Options section
# <Required>: Pair of .NET Database provider invariant name and connection string.
# Sample entries for Microsoft Access 2003 MDB database file
DbProviderInvariantName="System.Data.OleDb"

DbConnection="Provider=Microsoft.Jet.OLEDB.4.0; Data Source=|DataDirectory|\XLanguage.mdb"
# Sample entries for Microsoft SQL Server
;DbProviderInvariantName="System.Data.SqlClient"
;DbConnection="Data Source=P5Q\SQLEXPRESS;Initial Catalog=XLanguageSQL;Integrated Security=True"
# <Required>: (Unicode) font name used by the GUI, Solid Edge and the Access Database.
# Caution: Case sensitive!
Font=Arial Unicode MS
;Font=Solid Edge ISO
<Required>: GUI Font size in points.
Decimals must match your Windows region settings for numbers.
;GuiFontSize=8,25
GuiFontSize=8.25
# <Required>: Legacy option to precede each text block with its text block ID enclosed by []
#   (0=No, 1=Yes).
ShowTextBlockID=0
# <Required>: Legacy option to scan the text of a textbox/callout for its text block ID (0=No, 1=Yes).
# This option is required only to process text blocks produced by the
# program 'SeTextBlock' of version V1.0.0.161 or earlier.
ScanTextForTextBlockID=0
# <Required>: Name of the dynamic attribute set assigned to XLanguage textboxes.
# Caution: Case sensitive!
AttributeSetName=SeTextBlock
# <Required>: Name of the attribute storing the text block ID of an XLanguage textbox/callout.
# Caution: Case sensitive!
AttributeName=ID
# <Required>: Option to enhance standard textboxes/callouts by XLanguage text block attributes (0=No, 1=Yes).
# Enhancement of a textbox/callout happens only, if its text exactly matches an existing text block
# (not case sensitive, any language)in the XLanguage database.
# Its text size keeps unchanged, its font is set to the font defined above and in case of a textbox
# its maximum boundary gets recomputed to fit all current languages.
# Caution: Setting this option may slow down the speed of processing depending on the
# number of standard textboxes/callouts to scan against all text blocks in the database!
# As result of changing the font of a textbox/callout, its width might increase also.
EnhanceStdTextBoxes=0
# <Optional>: Default language for the graphical user interface (GUI).
# Caution: Case sensitive!
GUILanguage=German
# <Optional>: Default language to translate text blocks to
# Caution: Case sensitive!
TextBlockLanguage=English
# <Optional>: Option to show GUI buttons under Windows XP in XP visual style (0=No, 1=Yes).
# If 'No', flat popup style will be used (recommended for Windows 2000 or classic style).
XPButtonStyle=1

Please refer to the standard Microsoft .NET documentation on all available options of the connection string formats depending on the database provider chosen.

Appendix

If you intend to change XLanguage from using a shared MDB database file to a Microsoft SQL Server based database you may migrate from a copy of your existing MDB database file easily to a SQL Server database by opening the MDB file in the Microsoft Access application and select from the menu *Database Tools* to transfer all tables of the current database to a new SQL Server database on your SQL Server.

Next set the values of *DbProviderInviariantName* and *DbConnection* in the XLanguage configuration file accordingly. The access to the SQL Server database is fully controlled by the available options for the connection string. So you may either use Integrated Security or SQL Server login. Inside SQL Server map the Integrated Security logins or explicit SQL Server logins to the XLanguage database and make them member of the database role *db_datareader.*