Multi-langage Messages Manager

Description

This control provide a consistent mechanism for managing the messages that can appear within an application. It is design to simplify the development of application in multiple language that have to dynamically change but you can also use it as an alternative of the string resource for program that does not need several languages.

File Name

PSMMM.VBX

Distribution Note   When you create and distribute applications that use the PSMMM control you should install the file PSMLSM.VBX in the customer's Microsoft Windows \SYSTEM subdirectory.

Registration of PSMMM.VBX

Properties

All of the properties for this control are listed in the following table. Properties that apply only to this control, or that require special consideration when used with it, are marked with an asterisk (*). For documentation of the remaining properties, see *Appendix A*, "Standard Properties, Events, and Methods" in the *Custom Control Reference*.

*FileName	*NberOfSupportedLanguages
Index	*SupportedLanguage
*Language	Parent
Left	Tag
*Message	Top
*MessageID	*WindowsLanguage
Name	

Events

All of the events for this control are listed in the following table. Events that apply only to this control, or that require special consideration when used with it, are marked with an asterisk (*). For documentation of the remaining events, see *Appendix A*, "Standard Properties, Events, and Methods" in the *Custom Control Reference*.

*LanguageChange

Trappable errors

The control can return the following trappable errors.

Code	Message	Description
20001	The choosen language is not a supported language.	This error occurs when you set the Language property with a language that is not supported.
20002	The Language property is not set.	This error occurs when you set the MessageID property and you did not set the Language property
20003	There is no message associate with this ID.	This error occurs when you set the MessageID with a message number that it does not exist.

FileName Property

Description

Specifies the name of the file that contains the strings. The property does not contains the full path name. The control searches for a matching file in the following directories (in this order):

1 The current directory.

2 The Windows directory.

3 The Windows system directory.

4 The directory containing the executable file for the current task.

5 The directories listed in the PATH environment variable.

6 The list of directories mapped in a network.

We recommend to place the file in the application directory. Not available at run time.

Data Type

String

Language Property

Description

The language property contains the language in witch the messages will be returned. The value of the property must be one of the supported language that are listed in the <u>SupportedLanguage</u> property array. **There is not a default value for this property**. Not available at design time.

Usage

[*form*!]*PSMMM*.**Language**[=Language$]

Settings

The Language property settings are:

Setting	Decription
"dan"	Danish
"deu"	German
"eng"	U.K. English
"enu"	U.S. English
"esn"	Modern Spanish
"esp"	Castilian Spanish
"fin"	Finnish
"fra"	French
"frc"	Canadian French
"isl"	Icelandic
"ita"	Italian
"nld"	Dutch
"nor"	Norwegian
"ptg"	Portuguese
"sve"	Swedish

Remarks

If the language is not supported the trappable error <u>20001</u> will occur.

Data Type

String

Message Property

Description

The message property will contain the string after the setting of the MessageID property. Not available at design time and read only at run time.

Usage

[*form*!]*PSMMM*.**Message**

Data Type

String

MessageID Property

Description

This is a trigger property. When you set it, the Message property will be filled with a message in the language specified in the Language property. Not available at design time and write only at run time.

Usage

[*form*!]*PSMMM*.**MessageID**[= ID%]

Remarks

If there is no message for the specified ID, the trappable error 20003 will occur. If you set this property befor to have set the language property, the trappable error 20002 will occur

Data Type

Integer

NberOfSupportedLanguages Property

Description

This property contains the number of languages that the SupportedLanguage property array contains. Not available at design time and read only at run time.

Usage

[*form*!]*PSMMM*.**NberOfSupportedLanguages**

Data Type

Integer

SupportedLanguage Property

Description

The SupportedLanguage property is an array filled with the supported languages that are the languages specified in the file of messages. The <u>Language</u> property **must** be set with one of this values. The size of the array is give by the <u>NberOfSupportedLanguages</u> property.

Usage

[*form*!]*PSMMM*.**SupportedLanguage(index%)**

Data Type

String

WindowsLanguage Property

Description

The WindowsLanguage property is set when the control is loaded with the language specified in the WIN.INI file. It contains not necessarily a supported language. If you try to set the Language with the WindowsLanguage and it is not supported, the trappable error 20001 will occur. You can trap this error to set a default if you want your application to take the user's Windows language.

Usage

[*form*!]*PSMMM*.**SupportedLanguage(index%)**

Data Type

String

LanguageChange Event

Description

This event occur when the Language property is set. You can use it to reload the string that are currently visible at the screen.

Usage

Sub PSMMM_LanguageChange (NewLanguage As String)

Registration of PSMMM.VBX

The registration of this control give you the right to us it and distribute it.

Registration by Mail

Registration by "SWREG" Forum of Compuserve

Registration by Mail

You can print this form selecting the Print Topic from the file menu.

Register by Mail ($37)

Name: _____

Company: _____

Address: _____

City _____

Zip: _____

Country: _____

Tel: _____ Fax: _____

Natel: _____ E-Mail: _____

Signature: _____

Send completed form with payment to:

PTAHSoft
Postfach 193
CH-1723 Marly 1
Switzerland

_____

+++   Only Cash or Cheque   +++

_____

Registration by "SWREG" Forum

Register by Compuserve (35$)

Start your Compuserve Terminal and go in the "SWREG Forum". There you select "Register Shareware", then go in the "Europe Forum". The "RegistrationID" is 4376.

Send us your feedback:

CompuserveID: 75240, 664
Title: "Feedback: PSMMM.VBX"