
Subject: Re: Internationalization

Posted by [Miguel Angel Cordoba](#) on Mon, 12 May 2003 09:08:56 GMT

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Thank you Reimar,

I found a method based on the IDLffLanguageCat class and then routines MSG_CAT_COMPILE, MSG_CAT_OPEN, MSG_CAT_CLOSE and LOCALE_GET.

Regards.

Reimar Bauer wrote:

> Miguel Angel Cordoba wrote:

>

>

>

>> Hi,

>> I want to internationalize my applications but I don't know how
>> to do it. I have the translated files of the messages of the application
>> but I don't know if IDL can do a precompiled option that change
>> the messages in the code in the selected language. Another solution
>> is to read the file of messages and store it in a string array, but I
>> think

>> this solution is not a good idea.

>>

>>

>> Thanx

>>

>>

>>

>

> I believe the internationalization isn't yet supported.

> I would suggest to do something like this.

>

> you need always txt files named to the belonging routine

> e.g. my_prog_lang_en.txt my_prog_lang_de.txt

>

>

> ----routine name lang_message.pro -----

>

> FUNCTION lang_message_fetch_file,file

> txt=MAKE_ARRAY(/STRING,fileline(file))

> OPENR,lun,/GET_LUN,file

> READF,lun,txt

> FREE_LUN,lun

> RETURN,txt

> END

```

> FUNCTION lang_message,_extra=e
>   IF is_structure(e) THEN BEGIN
>     l_tags=get_tagname(e,'lang*')
>     IF is_structure(l_tags) EQ 1 THEN BEGIN
>       language=(TAG_NAMES(l_tags))[0]
>       HELP,call=call
>       routine=(strsplit(call[1],',',/extract))[0]
>       msg_file=STRLOWCASE(routine+'_'+language+'.txt')
>       comments=lang_message_fetch_file(msg_file)
>     ENDIF ELSE BEGIN
>       HELP,call=call
>       routine=(strsplit(call[1],',',/extract))[0]
>       msg_file=STRLOWCASE(routine+'_lang_de.txt')
>       comments=lang_message_fetch_file(msg_file)
>     ENDELSE
>   ENDIF ELSE BEGIN
>     HELP,call=call
>     routine=(strsplit(call[1],',',/extract))[0]
>     msg_file=STRLOWCASE(routine+'_lang_de.txt')
>     comments=lang_message_fetch_file(msg_file)
>   ENDELSE
>   RETURN,comments
> END
>
>
> -----
>
> Example script:
> pro my_prog,_extra=e
>   message,lang_message(_extra=e),/info
> end
>
> -----
>
> called:
> my_prog,/lang_de>
> IDL> my_prog,/lang_de
> % MY_PROG: Beispiel für einen Test.
>
> or
>
> my_prog,/lang_en
> IDL> my_prog,/lang_en
> % MY_PROG: Example
>
>
> the routine get_tagname you can get from our library:
>

```

> http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_source/idl_html/dbase/download/get_tagname.tar.gz
> or as idl 5.x binary
> http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_source/idl_html/dbase/download/get_tagname.sav
>
> For further routines and licensing please have a look at
> http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html
>
> best regards
>
> Reimar
>
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>

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