
Subject: Re: Internationalization
Posted by [R.Bauer](#) on Thu, 08 May 2003 20:16:45 GMT
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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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<http://www.fz-juelich.de/icg/icg-i/>

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a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html
