

console, argument

== apollo_asm ==

this program gets two argument from CLI.

A number (arg1), and a string (arg2).

it will repeat a number of times (arg1) the string (arg2).

if arg2 is missing default message is used instead.

```
* get arguments, print on console
* credits pisklak for the code

include exec/types.i
include exec/libraries.i
include    exec/exec_lib.i
include    dos/dos_lib.i

move.l    a0,string
move.l    d0,size

openlibs
move.l    $4,_ExecBase
lea      DosName,A1
move.l    #0,d0
CALLEXEC OpenLibrary
move.l    d0,_DOSBase
CALLDOS  Output
move.l    d0,_stdout

convertstr
move.l    string,d1
move.l    #str_conv,d2
CALLDOS  StrToLong
cmp.l    #-1,d0
beq      prt_error
move.l    str_conv,d0
cmp.l    #1,d0
blo      prt_error
cmp.l    #20,d0
bhi      prt_error
move.l    #1,d3

loop
cmp.l    str_conv,d3
bhi      closelibs
move.l    d3,powt
move.l    #text,d1
move.l    #str_conv,d2
CALLDOS  VPrintf
add.l    #1,d3
```

```
bra loop
closelibs
move.l _DOSBase,A1
CALLEXEC CcloseLibrary
endprg clr.l d0
RTS
prt_error
move.l #mess_error,d1
move.l #0,d2
CALLDOS VPrintf
bra closelibs

size dc.l 0
string dc.l 0
str_conv dc.l 5432
powt dc.l 0
dlugosc dc.l 0
text dc.b "You give as argument number %lu. Repeat no %lu",10,0
mess_error dc.b "You do not give number or your number is not in range
1-20 !",10,0
_ExecBase dc.l 0
_DOSBase dc.l 0
DosName dc.b "dos.library",0
_stdout dc.l 0
_stdinput dc.l 0
```

From: <https://wiki.apollo-accelerators.com/> - **Apollo Accelerators Public Wiki**

Permanent link: https://wiki.apollo-accelerators.com/doku.php/get_argument_then_print_on_console

Last update: **2016/08/31 11:50**

