Article
Robert Cemper · Jun 29, 2020 3m read

Terminal Multi-Line Option

The Command extension enables the execution of Multi-Line Commands from Terminal prompt.

Installation & Execution

Import %ZML.xml to Namespace %SYS

Optionally you may add this line to your **%ZLANGC00.mac** for a simplified use:

```
ZML do ^%zml quit  ; add multi line command in terminal
```

and
USER>**zml**

otherwise, just call it from the terminal command prompt

```
  USER>do ^%zml
```

Usage

at the prompt **USER:zml:1>**
- enter commands as usual
- trigger execution by an empty line

- stop multi-line option with a single '.' (dot) at first position

Example

```
USER>zml
Entering multi line mode. Run with empty line. Stop with single "."
USER:zml:1> for i=1:1:20 {
USER:zml:2> write i
USER:zml:3> write ": "
USER:zml:4> if $x>70 write !
USER:zml:5> }
USER:zml:6> 1: 2: 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: 16: 17:
18: 19: 20:
USER:zml:1> .
USER>
```

with error trapping

```
USER>d ^%zml
Entering multi line mode. Run with empty line. Stop with single "."
USER:zml:1> for x=5:-1 {
USER:zml:2>     write ":",x
USER:zml:3>     write ?15,1/x,!  }
USER:zml:4>
:5              .2
:4              .25
:3              .3333333333333333333
:2              .5
:1              1
:0              ^
<DIVIDE>+3
```

routine calls

```
USER:zml:1> for i=1,2 {
USER:zml:2>    d ^%SS
USER:zml:3>    write !!,"############"
USER:zml:4>    hang 2
USER:zml:5> }
USER:zml:6>
<..... last screen onöy .....>
             InterSystems IRIS System Status:  1:57 pm 29 Jun 2020
 Process  Device      Namespace      Routine          CPU,Glob  Pr User/Location
   14744                             CONTROL            0,0     8
   14816                             WRTDMN           359,1155  9
   10380                             GARCOL             0,0     8
   14292                             JRNDMN          4600,0     8
   13876                             EXPDMN             0,0     8
    4908  //./nul     %SYS           %SYS.TaskSuper
                                                   116965,8493  8  TASKMGR
   10072  //./nul     %SYS           MONITOR         19301,63    8
   12872  //./nul     %SYS           CLNDMN            692,65    8
    8308  //./nul     %SYS           RECEIVE         15801,839   8
    5512  //./nul     %SYS           ECPWork            0,0     8  ECPWORK
    2692  |TCP|51773  %SYS           %SYS.SERVER        0,0     8
   14884  //./nul     %SYS           LMFMON          21985,629   8
    2808  |TCP|CEMPER9:51773
                      USER           %SYS.BINDSRV2146884,2282268  _SYSTEM
    2516  //./nul     %SYS           SYS.VSSWriter      0,0     8  VSS Writer
   14416  //./nul     %SYS           %SYS.Monitor.Control
                                                 2047945,76423 8
   14940  |TCP|localhost:51773
                      %SYS           %SYS.cspServer3
                                                  138785,16984 8  UnknownUser

Press Q or q to quit, any other character to continue. q


############
USER:zml:1>
```

GitHub

#Other

Source URL:https://community.intersystems.com/post/terminal-multi-line-option