T:mk.tmp

COLLABORATORS

	TITLE : T:mk.tmp		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		July 1, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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T:mk.tmp

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```
--background-- :


 $(C): (1996, Rocco Coluccelli, Bologna)
 $VER: rexx_asl.library 37.2 (15.03.97)

    rexx_asl.library

    This sub-library of the rexxMOOS.library let ARexx programmers
    use the requesters created with the asl.library

        AslFileReq()
        AslFontReq()
        AslScreenReq()

    NOTES

        Is part of the MOOS package.

    TODO

        Support for IoErr() returning error conditions.

    BUGS
```

1.3   rexx_asl.library/AslFileReq

AslFileReq :

    NAME

        AslFileReq -- Open an ASL file requester.

    SYNOPSIS

        ret = AslFileReq(filename,directory,options)

    FUNCTION

        This function open an ASL file requester to let users select
        files, drawers, patterns, etc.

    INPUTS

        filename - Initial contents of the file requester's "File" text
                    gadget. Default is empty.

        directory - Initial contents of the file requester's Drawer text
                    gadget. Default is empty.

        options   - "Pat/K,Stem/K,
                     Left=X/K/N,Top=Y/K/N,Wid=W/K/N,Hei=H/K/N,
                     Title/K,Ok/K,Cancel/K,Pub/K,
                     RejectPat=RPat/K,AcceptPat=APat/K,
                     PatGad/S,Save/S,Multi/S,NoFiles/S,NoIcons/S"

            "Pat"   - Initial contents of the file requester's
                           Pattern text gadget. Default is #?.

            "Stem"   - The function may fill any given output stem with
                           the following fields:

                               <stem.>FileName
                                   Contents of File gadget on exit.

                               <stem.>Drawer
                                   Contents of Drawer gadget on exit.

                               <stem.>Pattern
                                   Contents of Pattern gadget on exit.

                               <stem.>n
                                   Nth selected file.

                           This function support only "#" and "*" compound
                           symbol's types (read the rexxMOOS documentation
                           for details).

            "Left"   - Suggested left edge of requesting window.
                           This parameter and the next three following

                              may not work if the asl.library has been
                              patched by something like ReqChange, RTPatch,
                              or similar.

            "Top"   - Suggested top edge of requesting window.

            "Wid"   - Suggested width of requesting window.

            "Hei"   - Suggested height of requesting window.

            "Title"   - Title to use for the requesting window.

            "Ok"   - Replaces text for the "Ok" gadget (V38).

            "Cancel"   - Replaces text for the "Cancel" gadget (V38).

            "Pub"   - Preferred public screen to open the requester
                          window in (by default the requester will open
                          on the frontmost screen) (V38).

            "RejectPat" - Specifies an AmigaDOS pattern that is used to
                          reject files. That is, any files with names
                          matching this pattern are not included in the
                          file list. Note that the pattern must have been.
                          Default is ~(#?) which matches nothing. (V38)

            "AcceptPat" - Specifies an AmigaDOS pattern that is used to
                          accept files. That is, only files with names
                          matching this pattern are included in the file
                          list. Default is #? (V38)

            "PatGad"   - Show the pattern gadget into the requester.

            "Save"   - Opens the requester into the "Save" mode
                          (user can create new directories).

            "Multi"   - Let user select more than one file at a time.
                          This option is really useful only specifying
                          an output stem and disables the "Save" mode.

            "NoFiles"   - The requester doesn't show files. This is
                          useful to let the user choose a destination
                          directory.

            "NoIcons"   - The requester doesn't show icons.

    RESULT

        Giving an output "Stem", the function will return a boolean
        value (1 mean all done, ok). Otherwise the last selected file,
        or drawer, will be returned. The result may be an empty string
        in case of errors, or if the user close the requester, or if
        nothing has been selected.

    EXAMPLE

        SAY AslFileReq()

NOTES

    Most options are available only starting with the version 38
    of the Operating System.

SEE ALSO

    asl.library/AslRequest()

1.4   rexx_asl.library/AslFontReq

AslFontReq :

NAME

    AslFontReq -- Open an ASL font requester.

SYNOPSIS

    ret = AslFontReq(options)

FUNCTION

    This function open an ASL font requester to let users select
    fonts and their attributes.

INPUTS

    options - "Name,Size/N,Style/K/N,Flags/K/N,Stem/K,
          Left=X/K/N,Top=Y/K/N,Wid=W/K/N,Hei=H/K/N,
          Title/K,Ok/K,Cancel/K,Pub/K,
          FrontPen=FP/K/N,BackPen=BP/K/N,DrawMode=DM/K/N,
          StyleGad/S,FPGad/S,BPGad/S,DMGad/S,
          MinH/K/N,MaxH/K/N,FixedWid/S"

        "Name"   - Initial contents of the font requester's
                  Name text gadget. Default is none.

        "Size"   - Initial contents of the font requester's
                 Size numeric gadget (fo_Attr.ta_YSize).
                 Default is 8.

        "Style"   - Initial setting of the font requester's
                 Style gadget (fo_Attr.ta_Style).
                 Default is 0 (FS_NORMAL).

        "Flags"   - Initial setting of the font requester's
                 Flags field (fo_Attr.ta_Flags).
                 Default is 1 (FPF_ROMFONT).

        "Stem"   - The function may fill any given output stem with
                 the following fields:

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                        <stem.>Name

                        <stem.>YSize

                        <stem.>Style

                        <stem.>Flags

                        <stem.>FrontPen

                        <stem.>BackPen

                        <stem.>DrawMode
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"Left"     - See AslFileReq()

"Top"      - See AslFileReq()

"Wid"      - See AslFileReq()

"Hei"      - See AslFileReq()

"Title"    - See AslFileReq()

"Ok"       - See AslFileReq()

"Cancel"   - See AslFileReq()

"Pub"      - See AslFileReq()

"FrontPen" - Initial setting of the font requester's
             Front Color gadget (fo_FrontPen). This value
             also determines the color used to render the
             text in the sample font area. Default is 1.

"BackPen"  - Initial setting of the font requester's
             Back Color gadget (fo_BackPen). This value
             also determines the color used to render
             the background of the sample font area.
             Default is 0.

"DrawMode" - Initial setting of the font requester's Mode
             gadget (fo_DrawMode). Default is JAM1. (V38)

"StyleGad" - Use this switch to cause the requester to
             display the Style checkboxes. (V38)

"FPGad"    - Use this switch to cause the requester to
             display the Front Color selection gadget. (V38)

"BPGad"    - Use this switch to cause the requester to
             display the Back Color selection gadget. (V38)

"DMGad"    - Use this switch to cause the requester to
             display the Mode cycle gadget. (V38)

"MinH"     - The minimum font height to let the user
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                                    select. Default is 5.

            "MaxH"   - The maximum font height to let the user
                          select. Default is 24.

            "FixedWid" - Use this switch to cause the requester to
                          only display fixed-width fonts. (V38)

    RESULT

        Giving an output "Stem", the function will return a boolean
        value (1 mean all done, ok). Otherwise the selected font will
        be returned connected with the selected size by a "/".
        The result may be an empty string in case of errors, or if the
        user close the requester, or if nothing has been selected.

    EXAMPLE

        SAY AslFontReq()

    NOTES

        Most options are available only starting with the version 38
        of the Operating System.

    SEE ALSO

        asl.library/AslRequest()

1.5 rexx_asl.library/AslScreenReq

AslScreenReq :

    NAME

        AslScreenReq -- Open an ASL file requester.

    SYNOPSIS

        ret = AslScreenReq(options)

    FUNCTION

        This function open an ASL file requester to let users select
        files, drawers, patterns.

    INPUTS

        options - "ID/N,Width/N,Height/N,Depth/K/N,Overscan/K/N,Stem/K,
                  Left=X/K/N,Top=Y/K/N,Wid=W/K/N,Hei=H/K/N,
                  Title/K,Ok/K,Cancel/K,Pub/K,
                  AScrollGad/S,DepthGad/S,OverscanGad/S,
                  WidthGad/S,HeightGad/S,
                  MinW/K/N,MaxW/K/N,MinH/K/N,MaxH/K/N,MinD/K/N,MaxD/K/N"

```
"ID"            - Initial setting of the Mode list view gadget
                  (sm_DisplayID). Default is 0 (LORES_KEY).

"Width"         - Initial setting of the Width gadget
                  (sm_DisplayWidth). Default is 640.

"Height"        - Initial setting of the Height gadget
                  (sm_DisplayHeight). Default is 200.

"Depth"         - Initial setting of the Colors gadget
                  (sm_DisplayDepth). Default is 2.

"Overscan"      - Initial setting of the Overscan Type
                  cycle gadget (sm_OverscanType).
                  Default is 0 (OSCAN_TEXT).

"Stem"          - The function may fill any given output stem with
                  the following fields:

                        <stem.>DisplayID

                        <stem.>DisplayWidth

                        <stem.>DisplayHeight

                        <stem.>DisplayDepth

                        <stem.>OverscanType

                        <stem.>AutoScroll

"Left"          - See AslFileReq

"Top"           - See AslFileReq()

"Wid"           - See AslFileReq()

"Hei"           - See AslFileReq()

"Title"         - See AslFileReq()

"Ok"            - See AslFileReq()

"Cancel"        - See AslFileReq()

"Pub"           - See AslFileReq()

"AScrollGad"    - Use this switch to cause the requester to
                  display the AutoScroll checkbox.

"DepthGad"      - Use this switch to cause the requester to
                  display the Depth gadget.

"OverscanGad"   - Use this switch to cause the requester to
                  display the Overscan gadget.
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        "WidthGad"      - Use this switch to cause the requester to
                          display the Width gadget.

        "HeightGad"     - Use this switch to cause the requester to
                          display the Height gadget.

        "MinW"          - The minimum display width to let the user
                          choose. Default is 16.

        "MaxW"          - The maximum display width to let the user
                          choose. Default is 16368.

        "MinH"          - The minimum display height to let the user
                          choose. Default is 16.

        "MaxH"          - The maximum display height to let the user
                          choose. Default is 16384.

        "MinD"          - The minimum display depth to let the user
                          choose. Default is 1.

        "MaxD"          - The maximum display depth to let the user
                          choose. Default is 24.
```

RESULT

    Giving an output "Stem", the function will return a boolean
    value (1 mean all done, ok). Otherwise the selected screen ID
    will be returned. The result may be an empty string
    in case of errors, or if the user close the requester, or if
    nothing has been selected.

EXAMPLE

    SAY AslScreenReq()

NOTES

    This function is available only starting with the version 38
    of the Operating System.

SEE ALSO

    asl.library/AslRequest()