

RexxReqTools

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Contents

1	RexxReqTools	1
1.1	RexxReqTools	1
1.2	RexxReqTools: Disclaimer	1
1.3	RexxReqTools: Freeware Notice	2
1.4	RexxReqTools: Introduction	3
1.5	RexxReqTools: Requirements	3
1.6	RexxReqTools: Using	3
1.7	RexxReqTools: List of Functions	4
1.8	RexxReqTools: rtezrequest()	4
1.9	RexxReqTools: rtfilerequest()	5
1.10	RexxReqTools: rtfontrequest()	7
1.11	RexxReqTools: rtfreefilebuffer()	8
1.12	RexxReqTools: rtgetlong()	9
1.13	RexxReqTools: rtgetstring()	9
1.14	RexxReqTools: rtpaletterequest()	11
1.15	RexxReqTools: rtscreenmoderequest()	11
1.16	RexxReqTools: rtscreenname()	13
1.17	RexxReqTools: BodyText	13
1.18	RexxReqTools: GadgetText	14
1.19	RexxReqTools: OkText	14
1.20	RexxReqTools: TagStrings	14
1.21	RexxReqTools: Tags	15
1.22	RexxReqTools: ResultName	15
1.23	RexxReqTools: List of Tags	15
1.24	RexxReqTools Tag: rt_font	16
1.25	RexxReqTools Tag: rt_idcmpflags	17
1.26	RexxReqTools Tag: rt_leftoffset	17
1.27	RexxReqTools Tag: rt_lockwindow	18
1.28	RexxReqTools Tag: rt_pubscrname	18
1.29	RexxReqTools Tag: rt_reqpos	19

1.30 RexxReqTools Tag: rt_screen	20
1.31 RexxReqTools Tag: rt_screentofront	20
1.32 RexxReqTools Tag: rt_topoffset	21
1.33 RexxReqTools Tag: rt_waitpointer	21
1.34 RexxReqTools Tag: rt_window	22
1.35 RexxReqTools Tag: rtez_defaultresponse	22
1.36 RexxReqTools Tag: rtez_flags	23
1.37 RexxReqTools Tag: rtfi_buffer	23
1.38 RexxReqTools Tag: rtfi_flags	23
1.39 RexxReqTools Tag: rtfi_height	24
1.40 RexxReqTools Tag: rtfi_initialpath	24
1.41 RexxReqTools Tag: rtfi_matchpat	24
1.42 RexxReqTools Tag: rtfi_volumerequest	25
1.43 RexxReqTools Tag: rtfo_flags	25
1.44 RexxReqTools Tag: rtfo_fontheight	26
1.45 RexxReqTools Tag: rtfo_fontname	26
1.46 RexxReqTools Tag: rtfo_height	26
1.47 RexxReqTools Tag: rtfo_maxheight	27
1.48 RexxReqTools Tag: rtfo_minheight	27
1.49 RexxReqTools Tag: rtfo_fontstyle	27
1.50 RexxReqTools Tag: rtfo_sampleheight	28
1.51 RexxReqTools Tag: rtgl_backfill	28
1.52 RexxReqTools Tag: rtgl_flags	28
1.53 RexxReqTools Tag: rtgl_invisible	29
1.54 RexxReqTools Tag: rtgl_max	29
1.55 RexxReqTools Tag: rtgl_min	29
1.56 RexxReqTools Tag: rtgl_width	29
1.57 RexxReqTools Tag: rtgs_backfill	30
1.58 RexxReqTools Tag: rtgs_flags	30
1.59 RexxReqTools Tag: rtgs_invisible	30
1.60 RexxReqTools Tag: rtgs_width	31
1.61 RexxReqTools Tag: rtsc_flags	31
1.62 RexxReqTools Tag: rtsc_height	32
1.63 RexxReqTools Tag: rtsc_maxdepth	32
1.64 RexxReqTools Tag: rtsc_maxheight	32
1.65 RexxReqTools Tag: rtsc_maxwidth	32
1.66 RexxReqTools Tag: rtsc_mindepth	33
1.67 RexxReqTools Tag: rtsc_minheight	33
1.68 RexxReqTools Tag: rtsc_minwidth	33

1.69 RexxReqTools: Constants	34
1.70 RexxReqTools Constant: false	35
1.71 RexxReqTools Constant: true	35
1.72 RexxReqTools Constant: ezreqf_centertext	36
1.73 RexxReqTools Constant: ezreqf_lamigaqual	36
1.74 RexxReqTools Constant: ezreqf_noreturnkey	36
1.75 RexxReqTools Constant: freqf_multiselect	36
1.76 RexxReqTools Constant: freqf_nofiles	37
1.77 RexxReqTools Constant: freqf_patgad	37
1.78 RexxReqTools Constant: freqf_save	37
1.79 RexxReqTools Constant: freqf_selectdirs	37
1.80 RexxReqTools Constant: freqf_changepalette	38
1.81 RexxReqTools Constant: freqf_colorfonts	38
1.82 RexxReqTools Constant: freqf_fixedwidth	38
1.83 RexxReqTools Constant: freqf_leavepalette	38
1.84 RexxReqTools Constant: freqf_scale	39
1.85 RexxReqTools Constant: freqf_style	39
1.86 RexxReqtools Constant: bold	39
1.87 RexxReqtools Constant: italic	39
1.88 RexxReqtools Constant: underlined	40
1.89 RexxReqTools Constant: glreqf_centertext	40
1.90 RexxReqTools Constant: glreqf_highlighttext	40
1.91 RexxReqTools Constant: gsreqf_centertext	40
1.92 RexxReqTools Constant: gsreqf_highlighttext	41
1.93 RexxReqTools Constant: idcmp_diskinserted	41
1.94 RexxReqTools Constant: idcmp_diskremoved	41
1.95 RexxReqTools Constant: idcmp_inactivewindow	41
1.96 RexxReqTools Constant: idcmp_mousebuttons	42
1.97 RexxReqTools Constant: idcmp_rawkey	42
1.98 RexxReqTools Constant: idcmp_vanillakey	42
1.99 RexxReqTools Constant: reqpos_centerscr	42
1.100RexxReqTools Constant: reqpos_centerwin	43
1.101RexxReqTools Constant: reqpos_pointer	43
1.102RexxReqTools Constant: reqpos_topleftscr	43
1.103RexxReqTools Constant: reqpos_topleftwin	43
1.104RexxReqTools Constant: screqf_autoscrollgad	44
1.105RexxReqTools Constant: screqf_depthgad	44
1.106RexxReqTools Constant: screqf_guimodes	44
1.107RexxReqTools Constant: screqf_nonstdmodes	45

1.108RexxReqTools Constant: screqf_overscangad	45
1.109RexxReqTools Constant: screqf_sizegads	45
1.110RexxReqTools Constant: vreqf_alldisks	45
1.111RexxReqTools Constant: vreqf_noassigns	46
1.112RexxReqTools Constant: vreqf_nodisks	46
1.113RexxReqTools: Errors	46
1.114RexxReqTools: History	47
1.115RexxReqTools: Author	50
1.116RexxReqTools: ARexx	50
1.117RexxReqTools: ReqTools	51
1.118RexxReqTools: Scripts	51
1.119RexxReqTools: Problems with the SHOW buttons	51
1.120RexxReqTools: compound variables	51
1.121RexxReqTools: Requesters	51
1.122RexxReqTools: reqtools.library	52
1.123RexxReqTools: rexxsyslib.library	52
1.124RexxReqTools: rexxreqtools.library	52
1.125RexxReqTools: Index	52

Chapter 1

RexxReqTools

1.1 RexxReqTools

```
RexxReqTools 1.3
=====
```

```
RexxReqTools is Copyright © 1992-1994 Rafael D'Halleweyn.
All rights reserved.
```

```
Disclaimer
Freeware Notice
```

```
Introduction
Requirements
Using
```

```
List of Functions
List of Tags
List of Constants
List of Errors
```

```
History
```

```
Author
```

```
somewhere to sleep somewhere to scrape your body off my feet
put on your black dress, float on your back too long, too lame
now i'm gone white belly up in the sun
Tanya Donnely & Fred Abong
```

```
To activate SHOW buttons make sure RexxReqTools is properly installed
then press this button ACTIVATE SHOW BUTTONS. SHOW buttons don't work
```

1.2 RexxReqTools: Disclaimer

Disclaimer

With this document I make no warranties or representations, either expressed or implied, with respect to the program described herein. The program and the information presented herein is being supplied on an 'as is' basis and is expressly subject to change without notice. The entire risk as to the use of the program and the information presented is assumed by the user. In no event will I be liable for direct, indirect, incidental, or consequential damages resulting from any claim arising out of the use of the program or the information presented herein, even if I have been advised of the possibilities of such damages.

1.3 RexxReqTools: Freeware Notice

ARCHHandler is Freeware

This package is released as freeware. This means you can copy it freely as long as you don't ask any money for it, except perhaps a nominal fee for copying.

The package is Copyright © Rafael D'Halleweyn, All Rights Reserved. The author reserves the right to change the status of this package whenever he finds it appropriate.

This package should not be spread in any other form than an LhA (or equivalent) archive and all parts of it should be spread together. The package may not be altered in any way and cannot be used for commercial purposes without the prior written permission of the author. The archive should contain the following files:

```
RexxReqTools
  Examples (dir)
    Buffered.rexx
    Buffered.rexx.info
    FontReq.rexx
    FontReq.rexx.info
    Buffered.rexx
    Buffered.rexx.info
  Libs (dir)
    reqtools.library (not included when spread in ReqTools archive)
    rexxreqtools.library
  Demo.rexx
  Demo.rexx.info
  Examples.info
  Install
  Install.info
  NoMoreDoc.doc
  NoMoreDoc.doc.info
  RexxReqTools.guide
  RexxReqTools.guide.info
  RexxReqTools.info
```


1.4 RexxReqTools: Introduction

Introduction to RexxReqTools

RexxReqTools gives ARexx users easy access to a large family of requesters. All requesters are easy to use; they require one or no arguments. But the requesters also have a lot of power through several optional arguments and through tagstrings. RexxReqTools itself doesn't implement any of these requesters, it is a link between ARexx and ReqTools.

1.5 RexxReqTools: Requirements

Requirements

RexxReqTools requires Kickstart 2.04 or higher and the following libraries: rexxsyslib.library, reqtools.library version 38 or higher, 'diskfont.library'. The 'rexxsyslib.library' and 'diskfont.library' should already be installed, the 'reqtools.library' is installed by the ReqTools or RexxReqTools install script.

1.6 RexxReqTools: Using

Using RexxReqTools

To use RexxReqTools you first have to install the library rexxreqtools.library in your LIBS: directory. If you double click the 'Install' icon, installation will proceed automatically.

You also have to tell ARexx about this new library. You can do this through the CLI command

```
RXLIB rexxreqtools.library 0 -30
```

If you use RexxReqTools a lot you can insert this line in your user-startup. Alternatively you can insert the following command in every ARexx script that uses RexxReqTools

```
addlib('rexxreqtools.library',0,-30)
```

If you use a lot of libraries with ARexx you might want to give some libraries a higher priority, that way the functions in these libraries will execute faster.

If you want to give RexxReqTools a higher priority, use:

```
RXLIB rexxreqtools.library 5 -30
```

or

```
addlib('rexxreqtools.library',5,-30) (in scripts)
```

1.7 RexxReqTools: List of Functions

List of Functions

This is a list of all RexxReqTools functions, RexxReqTools contains 8 functions:

<code>rtezrequest()</code>	message requester
<code>rtfilerequest()</code>	file requester
<code>rtfontrequest()</code>	font requester
<code>rtfreefilebuffer()</code>	
<code>rtgetlong()</code>	number requester
<code>rtgetstring()</code>	string requester
<code>rtpaletterrequest()</code>	color requester
<code>rtscreenmoderequest()</code>	screen mode requester
<code>rtscreenname()</code>	

All requesters are implemented as functions. This means that you have to use them in an expression or use the CALL instruction.

EXAMPLES:

```
filename = rtfilerequest()

CALL rtezrequest('Hello world')
```

1.8 RexxReqTools: rtezrequest()

Message Requester: `rtezrequest()`

```
ret = rtezrequest (bodytxt, [gadtxt], [title], [tagstring],
                  [resultname])
```

DESCRIPTION

This function puts up a requester for you and waits for a response from the user.

You can satisfy the requester with the following keyboard shortcuts:

"Y" or Left Amiga "V" for the positive response,

RETURN for the default response,

ESC, "N", "R" or Left Amiga "B" for the negative response.

(see: `rtez_defaultresponse`, `ezreqf_lamigaqual` and `ezreqf_noreturnkey`)

INPUTS

<code>bodytxt</code>	the bodytext (required)
<code>gadtxt</code>	the gadgettext (optional, defaults to " OK ")
<code>title</code>	title of the requester (optional)
<code>tagstring</code>	a tagstring (optional)
<code>resultname</code>	this resultname variable will contain the same value as ret (optional, defaults to "rtresult")

TAGS

`rt_font`

```

rt_idcmpflags
rt_leftoffset
rt_lockwindow
rt_pubscrname
rt_reqpos
rt_screen
rt_screentofront
rt_topoffset
rt_waitpointer
rt_window
rtez_defaultresponse
rtez_flags

```

RESULT

```

ret - 1 for leftmost (positive) response, then each consecutive
      response will return 1 more, the rightmost (false) response
      will return 0 (false), so 1,2,3,...,num-1,0.
      If the functions returns anything else the requester was
      finished through an IDCMP message.

```

EXAMPLES

```

call rtezrequest('No block marked')
  SHOW

call rtezrequest('Do you really want to quit?','Quit|Cancel')
  SHOW

call rtezrequest('Stop?','_Yes|_Maybe|_No ',,,,
  'rtez_defaultresponse = 2')
/* makes "Maybe" the default response */
  SHOW

```

1.9 RexxReqTools: rtfilerequest()

File Requester: rtfilerequest()

```

newfilename = rtfilerequest ([directory], [filename], [title],
                             [oktext], [tagstring], [resultname])

```

DESCRIPTION

Get a directory and filename(s), or just a directory from the user.

If you use multiselect (rtfi_flags freqf_multiselect) you can specify a resultname. The full paths and names of all selected files will be placed in the compounds of this variable and resultname.count will contain the number of selected files (or directories).

NOTE 1 The first filename is resultname.1!!

NOTE 2 If the requester was cancelled the compounds will have no value!!

EXAMPLE

```

rtfilerequest(,,'Pick files',,,,rtfi_flags = freqf_multiselect',,
  files)

```

```

say 'You selected' files.count 'files'
do i = 1 to files.count
  say '  file' i || ':' files.i
end

```

If `rtfilerequest()` returns a directory the last character of the string will be a colon ":" or a slash "/". ("RAM:" and "DF1:foo/bar/" are directories, while "RAM:t/tempfile" and "DF1:bar/foo" are files.)

The file requester remembers its path through-out the life of the calling process. It even allows you to buffer the contents of the current directory for the next time `rtfilerequest()` is called from the same process.

This allows you to use a buffered file requester from one program. Everytime you start an ARexx script, which uses the file requester, from this program the file requester will remember its path (and possibly the directory contents if you use the `rtfi_buffer` tag). (Path and buffer will be remembered until `rtfreefilebuffer()` is called.)

INPUTS

directory	directory that is shown when the file requester opens (optional)
filename	default value for the filename, not including path!! (optional)
title	title of the requester (optional)
oktext	the oktext (optional)
tagstring	a tagstring (optional)
resultname	this resultname variable will contain 1 if the user pressed "Ok", or 0 if the user pressed "Cancel". When multiselect is used (<code>freqf_multiselect</code>) <code>resultname.count</code> will contain the number of files (or directories) selected and <code>resultname.1 ...</code> will contain the file (or directory) names (optional: defaults to "rtresult")

TAGS

```

rt_font
rt_idcmpflags
rt_leftoffset
rt_lockwindow
rt_pubscrname
rt_reqpos
rt_screen
rt_screentofront
rt_topoffset
rt_waitpointer
rt_window
rtfi_buffer
rtfi_flags
rtfi_height
rtfi_initialpath
rtfi_matchpat
rtfi_volumerequest

```

RESULT

`newfilename` - The new filename that was selected or an empty string ("") if the requester was cancelled.

EXAMPLES

```
call open(file,rtfilerequest(,, 'Pick file to open','_Open'))
SHOW
```

```
volume = rtfilerequest(,, 'Pick volume',, 'rtfi_volumerequest = 0')
SHOW
```

See also Examples/MultiSelect.rexx and Examples/Buffered.rexx

1.10 RexxReqTools: rtfontrequest()

Font Requester: rtfontrequest()

```
fontname = rtfontrequest ([title], [oktext], [tagstring],
                          [resultname])
```

DESCRIPTION

Let the user select a font and a style (optional).

All attributes of the selected font will be put in compounds of resultname:

resultname.name	fontname
resultname.height	fontsize
resultname.bold	was bold selected (0 or 1)
resultname.italic	was italic selected (0 or 1)
resultname.underline	was underlined selected (0 or 1)

NOTE If the requester was cancelled the compounds will have no value!

INPUTS

title	title of the requester (optional)
oktext	the oktext (optional)
tagstring	a tagstring (optional)
resultname	this resultname variable will contain 1 if the user pressed "Ok", or 0 if the user pressed "Cancel". When a font was selected this variable will contain the compounds describing the selected font (optional, defaults to "rtresult")

TAGS

```
rt_font
rt_idcmpflags
rt_leftoffset
rt_lockwindow
rt_pubscrname
rt_reqpos
rt_screen
rt_screentofront
rt_topoffset
rt_waitpointer
rt_window
rtfo_flags
rtfo_fontheight
rtfo_fontname
```

```

rtfo_fontstyle
rtfo_height
rtfo_maxheight
rtfo_minheight
rtfo_sampleheight

```

RESULT

fontname - name of the font

EXAMPLES

```

call rtfontrequest('Pick font',,, 'rtfo_flags = freqf_style',font)
if font then
  do
    text = 'You picked' font.name 'size' font.height
    if font.bold then
      text = text || '0A'x || 'You selected bold'
    if font.italic then
      text = text || '0A'x || 'You selected italic'
    if font.underlined then
      text = text || '0A'x || 'You selected underlined'
    call rtezrequest(text,'Right')
  end
else
  call rtezrequest('You picked no font','I'm sorry')

```

SHOW

1.11 RexxReqTools: rtfreefilebuffer()

File Requester: rtfreefilebuffer()

```
call rtfreefilebuffer ()
```

DESCRIPTION

Frees the buffer containing all the files that are in the current directory (ie. ReqTools will have to reread the contents of the directory).

As a side effect the file requester will also forget the current path.

NOTE: Since rtfreefilelist() doesn't return anything, you should always use the ARexx CALL command.

INPUTS

none

TAGS

none

RESULT

none

EXAMPLES

```

filename=rtfilerequest(,, 'Pick file to open','_Open')
call rtfreefilelist()

```

1.12 RexxReqTools: rtgetlong()

Number Requester: `rtgetlong()`

```
newnumber = rtgetlong ([number], [bodytxt], [title], [gadtxt],
                      [tagstring], [resultname])
```

DESCRIPTION

Puts up a requester to get a signed number from the user.

If number is specified the requester will already contain a number.

INPUTS

number	default value (optional)
bodytxt	the bodytext (optional)
title	title of the requester (optional)
gadtxt	the gadgettext (optional, defaults to "_Ok _Cancel")
tagstring	a tagstring (optional)
resultname	this resultname variable will contain 1 if the user pressed "Ok", or 0 if the user pressed "Cancel". If <code>rt_idcmpflags</code> or <code>gadtxt</code> are used this variable will contain the same value as <code>rtezrequest()</code> would return (optional: defaults to "rtresult")

TAGS

```
rt_font
rt_idcmpflags
rt_leftoffset
rt_lockwindow
rt_pubscrname
rt_reqpos
rt_screen
rt_screentofront
rt_topoffset
rt_waitpointer
rt_window
rtgl_backfill
rtgl_flags
rtgl_invisible
rtgl_max
rtgl_min
rtgl_width
```

RESULT

newnumber - the number that was entered or empty string ("") if the requester was cancelled.

EXAMPLES

```
age = rtgetlong('Enter your age',,,, 'rtgl_min = 0 rtgl_max = 120')
SHOW
```

1.13 RexxReqTools: rtgetstring()

Text Requester: `rtgetstring()`

```
newstring = rtgetstring ([string], [bodytxt], [title], [gadtxt],  
                        [tagstring], [resultname])
```

DESCRIPTION

Puts up a string requester to get a line of text from the user.
The text present in string upon entry will be displayed, ready to be edited.

If string is specified the requester will already contain a string.

INPUTS

string	text in requester on startup, everything after the 255th character is ignored (optional)
bodytxt	the bodytext (optional)
title	title of the requester (optional)
gadtxt	the gadgettext (optional, defaults to " _Ok _Cancel")
tagstring	a tagstring to set further attributes (optional)
resultname	this resultname variable will contain 1 if the user pressed "Ok", or 0 if the user pressed "Cancel". If rt_idcmpflags or gadtxt are used this variable will contain the same value as rtezrequest() would return (optional: defaults to "rtresult")

TAGS

- rt_font
- rt_idcmpflags
- rt_leftoffset
- rt_lockwindow
- rt_pubscrname
- rt_reqpos
- rt_screen
- rt_screentofront
- rt_topoffset
- rt_waitpointer
- rt_window
- rtgs_backfill
- rtgs_flags
- rtgs_invisible
- rtgs_width

RESULT

newstring - the string that was entered or empty string ("") if the requester was cancelled.

NOTE You can see the difference between an empty string that was returned and a requester that was cancelled by examining the resultname variable.

EXAMPLES

```
name = rtgetstring(, 'Enter your name')  
SHOW
```

```
password = rtgetstring(, 'Enter your password',,,,  
    'rtgs_invisible = true')  
SHOW
```


1.14 RexxReqTools: rtpalettrequest()

Color Requester: `rtpalettrequest()`

```
newcolor = rtpalettrequest ([color], [title], [tagstring],  
                             [resultname])
```

DESCRIPTION

Put up a palette requester so the user can change the screen's colors.

The selected color is returned, so you can also use this requester to let the user select a color.

INPUTS

color	default color (optional, defaults to 1)
title	title of the requester (optional)
tagstring	a tagstring (optional)
resultname	this resultname variable will contain 1 if the user pressed "Ok", or 0 if the user pressed "Cancel" (optional: defaults to "rtresult")

TAGS

rt_font
rt_idcmpflags
rt_leftoffset
rt_lockwindow
rt_pubscrname
rt_reqpos
rt_screen
rt_screentofront
rt_topoffset
rt_waitpointer
rt_window

RESULT

newcolor - the color number of the selected color or an empty string ("") if the request was cancelled.

EXAMPLES

```
color = rtpalettrequest(,'Pick color')  
SHOW
```

1.15 RexxReqTools: rtscreenmoderequest()

Screen Mode Requester: `rtscreenmoderequest()`

```
screenmode = rtscreenmoderequest ([title], [oktext], [tagstring],  
                                   [resultname] )
```

DESCRIPTION

Get a screen mode from the user.

The user will be able to pick a screen mode by name, enter the size

and the number of colors (bitplane depth).

All attributes of the selected mode are stored in compounds of resultname:

```
resultname.name      name of display mode;
resultname.width     selected width;
resultname.height    selected height;
resultname.depth     selected depth;
resultname.overscan  overscan type:
                    0 - regular size,
                    1 - text size,
                    2 - graphics size,
                    3 - maximum size;
resultname.autoscroll 1 if autoscroll was selected, else 0.
```

INPUTS

```
title      title of the requester (optional)
oktext     the oktext (optional)
tagstring  a tagstring (optional)
resultname this resultname variable will contain 1 if the user
           pressed "Ok", or 0 if the user pressed "Cancel". When a
           screenmode was selected this variable will contain the
           compounds describing the selected font (optional,
           defaults to "rtresult")
```

TAGS

```
rt_font
rt_idcmpflags
rt_leftoffset
rt_lockwindow
rt_pubscrname
rt_reqpos
rt_screen
rt_screentofront
rt_topoffset
rt_waitpointer
rt_window
rtsc_flags
rtsc_height
rtsc_maxdepth
rtsc_maxheight
rtsc_maxwidth
rtsc_mindepth
rtsc_minheight
rtsc_minwidth
```

RESULT

```
screenmode - Empty string if the requester was canceled or the
             'DisplayID' if the user selected a screen mode.
```

EXAMPLES

```
displayid = rtscreenmoderequest( "Choose screen type", ,,
    'rtsc_flags = screqf_autoscrollgad|screqf_sizegad|screqf_depthgad',,
    screen)
```

SHOW

1.16 RexxReqTools: rtscreenname()

```
rtscreenname()
```

```
publicscreenname = rtscreenname ([resultname] )
```

DESCRIPTION

Tries to find the name of the public screen the process uses to put its requesters on. When this screen can not be found and/or this screen isn't a public screen the function returns an empty string.

INPUTS

resultname this resultname variable will contain 1 if RexxReqTools could find the name, otherwise 0. (optional, defaults to "rtresult")

TAGS

none

RESULT

publicscreenname - Name of public screen or an empty string.

EXAMPLES

```
screenname=rtscreenname()
```

1.17 RexxReqTools: BodyText

Bodytext is the main text that is displayed in the requester. You can split this text on several lines by using a newline ('0A'x). If you want to use a "%" -character in bodytext then you'll have to type "%%". Also don't use "%s", "%d", or any other C printf-style formatting codes (The computer won't crash if you do use them, but output will look bad).

EXAMPLES

```
'this is a bodytext' SHOW
```

```
'some text split' || '0A'x || 'over two lines' SHOW
```

```
'more text, split over' || NL ||,
'more lines, but easier' || NL ||,    SHOW
'to read in the script'
```

NOTES

- For the third example to work you'll have to add the assignment "NL= '0A'x" to the script.
- The comma in the third example is a continuation character for a statement that continues on the next line.

rtezrequest(), rtgetlong() and rtgetstring() take such an argument.

1.18 RexxReqTools: GadgetText

Gadgettext describes the gadgets in the requester. It contains the text of all the gadgets. Each gadget is separated from the others by a bar character ("|"). They will appear in the same order as they were typed. There is no limit to the number of gadgets other than the width of the screen the requester will appear on.

You can also specify a shortcut for each gadget by placing an underscore ("_") before the character that identifies the shortcut key.

If you want to use a "%" -character in gadgettext then you'll have to type "%%". Also don't use "%s", "%d", or any other C printf-style formatting codes (The computer won't crash if you do use them, but output will look bad).

EXAMPLES

```
'Continue' SHOW
```

```
' _Ok |_Abort |_Cancel' SHOW
```

```
'0%|25%|50%|75%|100%' SHOW
```

rtzrequest(), rtgetlong() and rtgetstring() take such an argument.

1.19 RexxReqTools: OkText

A special case of gadgettext is the oktext (rtfilerequest() and rtfonrequest()). It is the replacement text for the "Ok" gadget. In this text you can also use an underscore to indicate a shortcut, but you shouldn't use a bar.

EXAMPLES

```
'_Open' SHOW
```

```
'Delete' SHOW
```

1.20 RexxReqTools: TagStrings

TagStrings make it easy to specify further attributes to the functions. A tagstring is a string made up of attribute/value pairs, called tags, each pair is separated from the next by one or more spaces. (The use of spaces as separators makes it easy to link tagstrings together in ARexx).

EXAMPLES

```
'rt_reqpos = reqpos_centerscr rt_leftoffset = 120'
```

```
'rt_reqpos=reqpos_centerwin rt_leftoffset=75'
```

NOTES

- You shouldn't use the same tag twice in one tagstring.

1.21 RexxReqTools: Tags

A tag is an attribute/value pair, it contains the name of the attribute and the value it will take, attribute and value are separated by an equal sign (of course you can use extra spaces between attribute, equal sign and value). The attribute can be in upper, lower or mixed case. You can chain several tags together to make a tagstring. The attribute value can be a:

- a number: a number should only contain digits (0...9) but may contain a minus sign as first character.
- one or more constants: a constant is a name of which RexxReqTools knows the value. If you want to use two or more constants you have to separate them with a bar ('|') (don't use spaces). The constants can be in upper, lower or mixed case.
- a string: a string may be surrounded by quotes, but if the string contains spaces you should surround it.

EXAMPLES

```
'rt_leftoffset=120'  
  
"RTFI_FLAGS = FREQF_PATGAD|freqf_multiselect"  
  
'rt_pubscrname = PowerPacker'
```

NOTE

The last example is equivalent with 'rt_pubscrname = "PowerPacker"' and 'rt_pubscrname = ''PowerPacker'''.

SEE ALSO

- List of Tags
- List of Constants

1.22 RexxReqTools: ResultName

resultname is argument that specifies the ARexx variable where the return value of the requester will be stored. This argument is always optional, it defaults to "rtresult".

Some requesters that have to return a lot of information use compounds of this variable to store information (rtfilerequest() and rtfontrequest() and rtscreenmoderequest()).

For example: the font requester returns in the compound resultname.height the height of the selected font.

1.23 RexxReqTools: List of Tags

List of Tags

This is an alphabetical list of all tags per type (number, constant or

string) that RexxReqTools understands:

```
number tags:
  rt_leftoffset
  rt_screen
  rt_topoffset
  rtez_defaultresponse
  rtfi_height
  rtfo_fontheight
  rtfo_height
  rtfo_maxheight
  rtfo_minheight
  rtfo_sampleheight
  rtgl_max
  rtgl_min
  rtgl_width
  rtgs_width
  rtsc_height
  rtsc_maxdepth
  rtsc_maxheight
  rtsc_maxwidth
  rtsc_mindepth
  rtsc_minheight
  rtsc_minwidth
```

```
constant tags:
  rt_idcmpflags
  rt_lockwindow
  rt_reqpos
  rt_screentofront
  rt_waitpointer
  rt_window
  rtez_flags
  rtfi_buffer
  rtfi_flags
  rtfi_volumerequest
  rtfo_flags
  rtfo_fontstyle
  rtgl_backfill
  rtgl_flags
  rtgl_invisible
  rtgs_backfill
  rtgs_flags
  rtgs_invisible
  rtsc_flags
```

```
string tags:
  rt_font
  rt_pubscrname
  rtfi_initialpath
  rtfi_matchpat
  rtfo_fontname
```

1.24 RexxReqTools Tag: rt_font

NAME

`rt_font`

VALUE

`string`

DESCRIPTION

Name of the font that you want RexxReqTools to use for the requester.
Font name and height should be separated by a slash ('/'), font name should include '.font'.

Note that this font should be fixed width for the file requester, font requester, color requester and the screen mode requester.

EXAMPLE

``rt_font=diamond.font/20'`

FUNCTIONS

```
rtezrequest()  
rtfilerequest()  
rtfontrequest()  
rtgetlong()  
rtgetstring()  
rtpaletterequest()  
rtscreenmoderequest()
```

1.25 RexxReqTools Tag: `rt_idcmpflags`

NAME

`rt_idcmpflags`

VALUE

One or more of the following:

```
idcmp_diskinserted  
idcmp_diskremoved  
idcmp_mousebuttons  
idcmp_inactivewindow  
idcmp_rawkey  
idcmp_vanillakey
```

DESCRIPTION

Allows you to specify other conditions on which the requester will return.

FUNCTIONS

```
rtezrequest()  
rtgetlong()  
rtgetstring()
```

1.26 RexxReqTools Tag: `rt_leftoffset`

NAME

`rt_leftoffset`

VALUE

`number`

DESCRIPTION

Offset of left edge of requester relative to position specified with `rt_reqpos` (does not offset the requester when `rt_reqpos` is `reqpos_pointer`).

FUNCTIONS

```
rtezrequest()  
rtfilerequest()  
rtfontrequest()  
rtgetlong()  
rtgetstring()  
rtpalettererequest()  
rtscreenmoderequest()
```

1.27 RexxReqTools Tag: `rt_lockwindow`

NAME

`rt_lockwindow`

VALUE

`true or false`

DESCRIPTION

If this is true the window calling the requester will get locked. It will no longer accept any user input and it will get standard wait pointer set.

DEFAULT

`false`

FUNCTIONS

```
rtezrequest()  
rtfilerequest()  
rtfontrequest()  
rtgetlong()  
rtgetstring()  
rtpalettererequest()  
rtscreenmoderequest()
```

1.28 RexxReqTools Tag: `rt_pubscrname`

NAME

`rt_pubscrname`

VALUE

string

DESCRIPTION

Name of public screen requester should appear on. When this tag is used the `rt_window` tag will be ignored.
If the public screen is not found the requester will open on the default public screen.
RexxReqTools will always try to open the requester on the same screen as the calling program (TECH INFO: but this may not always be possible because some programs don't set their `pr_WindowPtr`).

EXAMPLE

```
'rt_pubscrname=PowerPacker'
```

FUNCTIONS

```
rtezrequest()  
rtfilerequest()  
rtfontrequest()  
rtgetlong()  
rtgetstring()  
rtpaletterrequest()  
rtscreenmoderequest()
```

1.29 RexxReqTools Tag: `rt_reqpos`

NAME

`rt_reqpos`

VALUE

One of the following:

- `reqpos_centerscr`
- `reqpos_centerwin`
- `reqpos_pointer`
- `reqpos_topleftscr`
- `reqpos_topleftwin`

DESCRIPTION

This tag describes the requesters position.

The requester will always remain in the visible part of the screen, so if you use the Screen Mode preferences editor to enlarge your Workbench screen and you scroll around, the requester will always appear in the part you can see.

`reqpos_centerscr` and `reqpos_topleftscr` also apply to the visible part of the screen. So if you use one of these the requester will be appear in the center or the top left off what you can see of the screen as opposed to the entire screen.

`reqpos_centerwin` and `reqpos_topleftwin` fall back to `reqpos_centerscr` or `reqpos_topleftscr` respectively when there is no parent window. So you can safely use these without worrying about the existence of a window.

DEFAULT

reqpos_pointer

FUNCTIONS

rtezrequest()
rtfilerequest()
rtfontrequest()
rtgetlong()
rtgetstring()
rtpaletterrequest()
rtscreenmoderequest()

1.30 RexxReqTools Tag: rt_screen

NAME

rt_screen

VALUE

number

DESCRIPTION

Address of screen to put requester on. You should never use this, use rt_window or rt_pubscrname.

RexxReqTools contains attributes to set the screen on which the requester will appear (rt_window, rt_screen, rt_pubscrname). But I would like to discourage you from using rt_window and rt_screen, because incorrect use will crash the computer.

RexxReqTools will always try to open the requester on the same screen as the calling program (TECH INFO: but this may not always be possible because some programs don't set their pr_WindowPtr).

FUNCTIONS

rtezrequest()
rtfilerequest()
rtfontrequest()
rtgetlong()
rtgetstring()
rtpaletterrequest()
rtscreenmoderequest()

1.31 RexxReqTools Tag: rt_screentofront

NAME

rt_screentofront

VALUE

true or false

DESCRIPTION

Boolean indicating whether to pop the screen the requester will appear on to the front.

DEFAULT
true

FUNCTIONS
rtezrequest()
rtfilerequest()
rtfontrequest()
rtgetlong()
rtgetstring()
rtpaletterequest()
rtscreenmoderequest()

1.32 RexxReqTools Tag: rt_topoffset

NAME
rt_topoffset

VALUE
number

DESCRIPTION
Offset of top edge of requester relative to position specified with
rt_reqpos (does not offset the requester when rt_reqpos is
reqpos_pointer).

FUNCTIONS
rtezrequest()
rtfilerequest()
rtfontrequest()
rtgetlong()
rtgetstring()
rtpaletterequest()
rtscreenmoderequest()

1.33 RexxReqTools Tag: rt_waitpointer

NAME
rt_waitpointer

VALUE
true or false

DESCRIPTION
If this is true the window calling the requester will get a standard
wait pointer set while the requester is up.

DEFAULT
false

FUNCTIONS
rtezrequest()

```
rtfilerequest()  
rtfontrequest()  
rtgetlong()  
rtgetstring()  
rtpaletterrequest()  
rtscreenmoderequest()
```

1.34 RexxReqTools Tag: rt_window

NAME

rt_window

VALUE

number

DESCRIPTION

Window that will be used to find the screen to put the requester on.

RexxReqTools contains attributes to set the screen on which the requester will appear (rt_window, rt_screen, rt_pubscrname). But I would like to discourage you from using rt_window and rt_screen, because incorrect use will crash the computer.

RexxReqTools will always try to open the requester on the same screen as the calling program (TECH INFO: but this may not always be possible because some programs don't set their pr_WindowPtr).

FUNCTIONS

```
rtezrequest()  
rtfilerequest()  
rtfontrequest()  
rtgetlong()  
rtgetstring()  
rtpaletterrequest()  
rtscreenmoderequest()
```

1.35 RexxReqTools Tag: rtez_defaultresponse

NAME

rtez_defaultresponse

VALUE

number

DESCRIPTION

Response value that will be returned when the user presses the return key. Will be ignored if the ezreqf_noreturnkey flag is set. The text for this response will be printed in bold.

DEFAULT

1 (ie. the leftmost gadget)

FUNCTIONS

```
rtezrequest()
```

1.36 RexxReqTools Tag: rtez_flags

NAME

```
rtez_flags
```

VALUE

One or more of the following:

```
ezreqf_centertext  
ezreqf_lamigaqual  
ezreqf_noreturnkey
```

DESCRIPTION

Flags for `rtezrequest()`.

FUNCTIONS

```
rtezrequest()
```

1.37 RexxReqTools Tag: rtfi_buffer

NAME

```
rtfi_buffer
```

VALUE

```
true or false
```

DESCRIPTION

Use a buffer to remember directory contents for the next time `rtfilerequest()` is used.

This tag acts like a switch: after you have used `"rtfi_buffer=true"` buffering will be turned on until it is turned off again.

DEFAULT

```
false
```

FUNCTIONS

```
rtfilerequest()
```

1.38 RexxReqTools Tag: rtfi_flags

NAME

```
rtfi_flags
```

VALUE

One or more of the following:

```
freqf_multiselect  
freqf_nofiles  
freqf_patgad
```

```
freqf_save
freqf_selectdirs
```

DESCRIPTION

Flags for `rtfilerequest()`.

FUNCTIONS

```
rtfilerequest()
```

1.39 RexxReqTools Tag: `rtfi_height`

NAME

```
rtfi_height
```

VALUE

```
number
```

DESCRIPTION

Suggested height of file requester window.

FUNCTIONS

```
rtfilerequest()
```

1.40 RexxReqTools Tag: `rtfi_initialpath`

NAME

```
rtfi_initialpath
```

VALUE

```
string
```

DESCRIPTION

This is the path of the file requester, the first time it is used. Don't use the directory argument if you use this tag.

The second time the file requester is used, it will use the same path as the path that was in use when the file requester was OK'd or cancelled the first time.

If you use the directory argument the path will always be this path, even if you changed it the last time you used the file requester.

EXAMPLE

```
'rtfi_initialpath=REXX:'
```

FUNCTIONS

```
rtfilerequest()
```

1.41 RexxReqTools Tag: `rtfi_matchpat`

NAME
 rtfi_matchpat

VALUE
 string

DESCRIPTION
 Pattern string to match files on.

EXAMPLE
 'rtfi_matchpat=#?.doc'

FUNCTIONS
 rtfilerequest()

1.42 RexxReqTools Tag: rtfi_volumerequest

NAME
 rtfi_volumerequest

VALUE
 One or more of the following:
 vreqf_alldisks
 vreqf_noassigns
 vreqf_nodisks

DESCRIPTION
 The presence of this tag turns the file requester into a volume/assign disk requester. This requester can be used to get a device name ("DF0:", "DH1:",..) or an assign ("C:", "FONTS:",...) from the user.
 Note that the user may edit the disk/assign names, or enter a new one.
 Note also that the real device name is returned, not the name of the volume in the device. For example "DH1:", not "Hard1:".

NOTE: Do **NOT** use "rtfi_volumerequest 1"!
You are then setting the vreqf_noassigns flag! Use "rtfi_volumerequest 0" for a normal volume requester.

FUNCTIONS
 rtfilerequest()

1.43 RexxReqTools Tag: rtfo_flags

NAME
 rtfo_flags

VALUE
 One or more of the following:
 freqf_changepalette
 freqf_colorfonts

```
freqf_fixedwidth
freqf_leavepalette
freqf_scale
freqf_style
```

DESCRIPTION

Flags for rtfontrequest()

FUNCTIONS

rtfontrequest()

1.44 RexxReqTools Tag: rtfo_fontheight

NAME

rtfo_fontheight

VALUE

number

DESCRIPTION

Set the default fontsize.

FUNCTIONS

rtfontrequest()

1.45 RexxReqTools Tag: rtfo_fontname

NAME

rtfo_fontname

VALUE

string

DESCRIPTION

Set the name of the default font.

FUNCTIONS

rtfontrequest()

EXAMPLE

rtfontname=diamond.font

1.46 RexxReqTools Tag: rtfo_height

NAME

rtfo_height

VALUE

number

DESCRIPTION

Suggested height of font requester window.

FUNCTIONS

rtfontrequest()

1.47 RexxReqTools Tag: rtfo_maxheight

NAME

rtfo_maxheight

VALUE

number

DESCRIPTION

Maximum font size displayed.

FUNCTIONS

rtfontrequest()

1.48 RexxReqTools Tag: rtfo_minheight

NAME

rtfo_minheight

VALUE

number

DESCRIPTION

Minimum font size displayed.

FUNCTIONS

rtfontrequest()

1.49 RexxReqTools Tag: rtfo_fontstyle

NAME

rtfo_fontstyle

VALUE

One or more of the following:

bold
italic
underlined

DESCRIPTION

Selected the default style of the font.

FUNCTIONS

rtfontrequest()

1.50 RexxReqTools Tag: rtfo_sampleheight

NAME

rtfo_sampleheight

VALUE

number

DESCRIPTION

Height of font sample display in pixels.

DEFAULT

24

FUNCTIONS

rtfontrequest()

1.51 RexxReqTools Tag: rtgl_backfill

NAME

rtgl_backfill

VALUE

true or false

DESCRIPTION

Backfill requester window with pattern.

DEFAULT

true

FUNCTIONS

rtgetlong()

1.52 RexxReqTools Tag: rtgl_flags

NAME

rtgl_flags

VALUE

One or more of the following:

glreqf_centertext

glreqf_highlighttext

DESCRIPTION

Flags for rtgetlong().

FUNCTIONS

rtgetlong()

1.53 RexxReqTools Tag: rtgl_invisible

NAME

rtgl_invisible

VALUE

true or false

DESCRIPTION

Using this tag you can switch on invisible typing. Very useful if you need to get something like a code number from the user.

DEFAULT

false

FUNCTIONS

rtgetlong()

1.54 RexxReqTools Tag: rtgl_max

NAME

rtgl_max

VALUE

number

DESCRIPTION

Maximum allowed value, higher values are refused.

FUNCTIONS

rtgetlong()

1.55 RexxReqTools Tag: rtgl_min

NAME

rtgl_min

VALUE

number

DESCRIPTION

Minimum allowed value. If the user tries to enter a smaller value the requester will refuse to accept it.

FUNCTIONS

rtgetlong()

1.56 RexxReqTools Tag: rtgl_width

NAME

rtgl_width

VALUE

number

DESCRIPTION

Width of requester window in pixels. This is only a suggestion.
rtgetlong() will not go below a certain width.

FUNCTIONS

rtgetlong()

1.57 RexxReqTools Tag: rtgs_backfill

NAME

rtgs_backfill

VALUE

true or false

DESCRIPTION

Backfill requester window with pattern.

DEFAULT

true

FUNCTIONS

rtgetstring()

1.58 RexxReqTools Tag: rtgs_flags

NAME

rtgs_flags

VALUE

One or more of the following:
gsreqf_centertext
gsreqf_highlighttext

DESCRIPTION

Flags for rtgetstring().

FUNCTIONS

rtgetstring()

1.59 RexxReqTools Tag: rtgs_invisible

NAME

rtgs_invisible

VALUE

true or false

DESCRIPTION

Using this tag you can switch on invisible typing.
Very useful if you need to get something like a password from the user. It is strongly advised to use an empty initial string or the user may get very confused!

DEFAULT

false

FUNCTIONS

rtgetstring()

1.60 RexxReqTools Tag: rtgs_width

NAME

rtgs_width

VALUE

number

DESCRIPTION

Width of requester window in pixels. This is only a suggestion.
rtgetstring() will not go below a certain width.

FUNCTIONS

rtgetstring()

1.61 RexxReqTools Tag: rtsc_flags

NAME

rtsc_flags

VALUE

One or more of the following:
screqf_overscangad
screqf_autoscrollgad
screqf_sizegad
screqf_depthgad
screqf_nonstdmodes
screqf_guimodes

DESCRIPTION

Flags for the screen mode requester.

FUNCTIONS

rtscreenmoderequest()

1.62 RexxReqTools Tag: rtsc_height

NAME

rtsc_height

VALUE

number

DESCRIPTION

Suggested height of the screen mode requester window.

FUNCTIONS

rtscreenmoderequest()

1.63 RexxReqTools Tag: rtsc_maxdepth

NAME

rtsc_maxdepth

VALUE

number

DESCRIPTION

The maximum display depth allowed.

FUNCTIONS

rtscreenmoderequest()

1.64 RexxReqTools Tag: rtsc_maxheight

NAME

rtsc_maxheight

VALUE

number

DESCRIPTION

The maximum display height allowed.

FUNCTIONS

rtscreenmoderequest()

1.65 RexxReqTools Tag: rtsc_maxwidth

NAME

rtsc_maxwidth

VALUE

number

DESCRIPTION

The maximum display width allowed

FUNCTIONS

rtscreenmoderequest()

1.66 RexxReqTools Tag: rtsc_mindepth

NAME

rtsc_mindepth

VALUE

number

DESCRIPTION

The minimum display depth allowed.

Modes with a minimum display depth lower than this value will no be included in the list.

FUNCTIONS

rtscreenmoderequest()

1.67 RexxReqTools Tag: rtsc_minheight

NAME

rtsc_minheight

VALUE

number

DESCRIPTION

The minimum display height allowed.

FUNCTIONS

rtscreenmoderequest()

1.68 RexxReqTools Tag: rtsc_minwidth

NAME

rtsc_minwidth

VALUE

number

DESCRIPTION

The minimum display width allowed.

FUNCTIONS

rtscreenmoderequest()

1.69 RexxReqTools: Constants

List of Constants

This is an alphabetical list of all the constants, per originating tag, that RexxReqTools understands:

```
false
true
```

```
rtez_flags:
  ezreqf_centertext
  ezreqf_lamigaqual
  ezreqf_noreturnkey
```

```
rtfi_flags:
  freqf_multiselect
  freqf_nofiles
  freqf_patgad
  freqf_save
  freqf_selectdirs
```

```
rtfo_flags:
  freqf_changepalette
  freqf_colorfonts
  freqf_fixedwidth
  freqf_leavepalette
  freqf_scale
  freqf_style
```

```
rtfo_fontstyle:
  bold
  italic
  underlined
```

```
rtgl_flags:
  glreqf_centertext
  glreqf_highlighttext
```

```
rtgs_flags:
  gsreqf_centertext
  gsreqf_highlighttext
```

```
rtsc_flags:
  screqf_autoscrollgad
  screqf_depthgad
  screqf_guimodes
  screqf_nonstdmodes
  screqf_overscangad
  screqf_sizegads
```

```
rtfi_volumerequest:
  vreqf_alldisks
  vreqf_noassigns
  vreqf_nodisks
```

```
rt_idcmpflags:
  idcmp_diskinserted
  idcmp_diskremoved
  idcmp_inactivewindow
  idcmp_mousebuttons
  idcmp_rawkey
  idcmp_vanillakey

rt_reqpos:
  reqpos_centerscr
  reqpos_centerwin
  reqpos_pointer
  reqpos_topleftscr
  reqpos_topleftwin
```

1.70 RexxReqTools Constant: false

NAME

false

DESCRIPTION

This constant will disable the attribute.

TAG

```
rt_lockwindow
rt_screentofront
rt_waitpointer
rtfi_buffer
rtgl_backfill
rtgl_invisible
rtgs_backfill
rtgs_invisible
```

1.71 RexxReqTools Constant: true

NAME

true

DESCRIPTION

This constant will enable the attribute.

TAG

```
rt_lockwindow
rt_screentofront
rt_waitpointer
rtfi_buffer
rtgl_backfill
rtgl_invisible
rtgs_backfill
rtgs_invisible
```

1.72 RexxReqTools Constant: ezreqf_centertext

NAME

ezreqf_centertext

DESCRIPTION

Centers each line of body text in the requester window. Useful for about requesters.

TAG

rtez_flags

1.73 RexxReqTools Constant: ezreqf_lamigaqual

NAME

ezreqf_lamigaqual

DESCRIPTION

This flag should be used when you put up a requester for a destructive action (e.g. to delete something). When it is set the keyboard shortcuts are limited to Left Amiga "V" and "B" so it is hard to accidentally select something you will regret. Note that the RETURN and ESC key remain active! To disable the RETURN key use the ezreqf_noreturnkey flag. The ESC key cannot be disabled.

TAG

rtez_flags

1.74 RexxReqTools Constant: ezreqf_noreturnkey

NAME

ezreqf_noreturnkey

DESCRIPTION

turn off the RETURN key as shortcut for positive response. If ezreqf_noreturnkey is not set the RETURN key is also accepted as a shortcut for the positive response (can be changed using rtez_defaultresponse). The response that will be selected when you press RETURN will be printed in bold.

TAG

rtez_flags

1.75 RexxReqTools Constant: freqf_multiselect

NAME

freqf_multiselect

DESCRIPTION

Allows multiple files to be selected.

TAG

rtfi_flags

1.76 RexxReqTools Constant: freqf_nofiles

NAME

freqf_nofiles

DESCRIPTION

Set this if you want to use the requester to allow the user to select a directory rather than a file. Ideal for getting a destination dir. May be used with freqf_multiselect and freqf_selectdirs.

TAG

rtfi_flags

1.77 RexxReqTools Constant: freqf_patgad

NAME

freqf_patgad

DESCRIPTION

When this is set a pattern gadget will be added to the file requester.

TAG

rtfi_flags

1.78 RexxReqTools Constant: freqf_save

NAME

freqf_save

DESCRIPTION

Set this if you are using the file requester to save or delete something. Double-clicking will be disabled so it is harder to make a mistake and select the wrong file. If the user enters a non-existent directory in the drawer string gadget, a requester will appear asking if the directory should be created.

TAG

rtfi_flags

1.79 RexxReqTools Constant: freqf_selectdirs

NAME

freqf_selectdirs

DESCRIPTION

Set this flag if you wish to enable the selecting of dirs as well as files. You *must* also set freqf_multiselect.

TAG

rtfi_flags

1.80 RexxReqTools Constant: freqf_changepalette

NAME

freqf_changepalette

DESCRIPTION

Change the screen's palette to match that of a selected color font.

TAG

rtfo_flags

1.81 RexxReqTools Constant: freqf_colorfonts

NAME

freqf_colorfonts

DESCRIPTION

Show color fonts also.

TAG

rtfo_flags

1.82 RexxReqTools Constant: freqf_fixedwidth

NAME

freqf_fixedwidth

DESCRIPTION

Only show fixed-width fonts.

TAG

rtfo_flags

1.83 RexxReqTools Constant: freqf_leavepalette

NAME

freqf_leavepalette

DESCRIPTION

Leave the palette as it is when exiting `rtfontrequest()`. Useful in combination with `freqf_changepalette`.

TAG

rtfo_flags

1.84 RexxReqTools Constant: freqf_scale

NAME

freqf_scale

DESCRIPTION

Allows fonts to be scaled when they don't exist in the requested size.

TAG

rtfo_flags

1.85 RexxReqTools Constant: freqf_style

NAME

freqf_style

DESCRIPTION

Include gadgets so the user may select the font's style.

TAG

rtfo_flags

1.86 RexxReqtools Constant: bold

NAME

bold

DESCRIPTION

The default style of the font will be bold.

TAG

rtfo_fontstyle

1.87 RexxReqtools Constant: italic

NAME

italic

DESCRIPTION

The default style of the font will be italic.

TAG

rtfo_fontstyle

1.88 RexxReqtools Constant: underlined

NAME

underlined

DESCRIPTION

The default style of the font will be underlined.

TAG

rtfo_fontstyle

1.89 RexxReqTools Constant: glreqf_centertext

NAME

glreqf_centertext

DESCRIPTION

Centers each line of text above the gadget in the requester window.
Should be generally set.

TAG

rtgl_flags

1.90 RexxReqTools Constant: glreqf_highlighttext

NAME

glreqf_highlighttext

DESCRIPTION

Highlight text above the gadget. You will normally only want to use this if you also turned off the window backfilling.

TAG

rtgl_flags

1.91 RexxReqTools Constant: gsreqf_centertext

NAME

gsreqf_centertext

DESCRIPTION

Centers each line of text above the gadget in the requester window.
Should be generally set.

TAG

rtgs_flags

1.92 RexxReqTools Constant: gsreqf_highlighttext

NAME

gsreqf_highlighttext

DESCRIPTION

Highlight text above the gadget. You will normally only want to use this if you also turned off the window backfilling.

TAG

rtgs_flags

1.93 RexxReqTools Constant: idcmp_diskinserted

NAME

idcmp_diskinserted

DESCRIPTION

Requester disappears when a disk is inserted.

TAG

rt_idcmpflags

1.94 RexxReqTools Constant: idcmp_diskremoved

NAME

idcmp_diskremoved

DESCRIPTION

Requester disappears when a disk is removed.

TAG

rt_idcmpflags

1.95 RexxReqTools Constant: idcmp_inactivewindow

NAME

`idcmp_inactivewindow`

DESCRIPTION

Requester disappears when requester window is deactivated.

TAG

`rt_idcmpflags`

1.96 RexxReqTools Constant: idcmp_mousebuttons

NAME

`idcmp_mousebuttons`

DESCRIPTION

Requester disappears when a mouse button is pressed (left and right mouse button).

TAG

`rt_idcmpflags`

1.97 RexxReqTools Constant: idcmp_rawkey

NAME

`idcmp_rawkey`

DESCRIPTION

Requester disappears when any key is pressed (works also with "Shift", "Ctrl", ...).

TAG

`rt_idcmpflags`

1.98 RexxReqTools Constant: idcmp_vanillakey

NAME

`idcmp_vanillakey`

DESCRIPTION

Requester disappears when a key is pressed (all keys except "Shift", "Ctrl", ...).

TAG

`rt_idcmpflags`

1.99 RexxReqTools Constant: reqpos_centerscr

NAME

reqpos_centerscr

DESCRIPTION

Requester is centered on the screen.

TAG

rt_reqpos

1.100 RexxReqTools Constant: reqpos_centerwin

NAME

reqpos_centerwin

DESCRIPTION

Requester is centered in the window specified by rt_window. If no rt_window is specified the requester will be centered on the screen.

TAG

rt_reqpos

1.101 RexxReqTools Constant: reqpos_pointer

NAME

reqpos_pointer

DESCRIPTION

Requester appears where the mouse pointer is (default).

TAG

rt_reqpos

1.102 RexxReqTools Constant: reqpos_topleftscr

NAME

reqpos_topleftscr

DESCRIPTION

Requester appears at the top left of the screen.

TAG

rt_reqpos

1.103 RexxReqTools Constant: reqpos_topleftwin

NAME

reqpos_topleftwin

DESCRIPTION

Requester appears at the top left of the window specified by rt_window.

TAG

rt_reqpos

1.104 RexxReqTools Constant: screqf_autoscrollgad

NAME

screqf_autoscrollgad

DESCRIPTION

Add an autoscroll checkbox gadget to the screen mode requester.

TAG

rtsc_flags

1.105 RexxReqTools Constant: screqf_depthgad

NAME

screqf_depthgad

DESCRIPTION

Add a depth slider gadget to the requester to the screen mode requester. If you do not add a depth gadget, the depth returned will be the maximum depth this mode can be opened in;

TAG

rtsc_flags

1.106 RexxReqTools Constant: screqf_guimodes

NAME

screqf_guimodes

DESCRIPTION

Set this flag if you are getting a screen mode to open a user interface screen in. The modes shown will be standard modes with a high enough resolution (minimum 640 pixels).

If this flag is set the screqf_nonstdmodes flag is ignored.

TAG

rtsc_flags

1.107 RexxReqTools Constant: screqf_nonstdmodes

NAME

screqf_nonstdmodes

DESCRIPTION

Include all modes. Unless this flag is set `rtscreenmoderequest()` will exclude nonstandard modes. Nonstandard modes are presently HAM, HAM8 and EHB (ExtraHalfBrite). So unless you are picking a mode do some rendering in leave this flag unset. Without this flag set the mode returned will be a normal bitplaned mode.

TAG

rtsc_flags

1.108 RexxReqTools Constant: screqf_overscangad

NAME

screqf_overscangad

DESCRIPTION

Add an overscan cycle gadget to the requester.

TAG

rtsc_flags

1.109 RexxReqTools Constant: screqf_sizegads

NAME

screqf_sizegads

DESCRIPTION

Add width and height gadgets to the screen mode requester. If you do not add these gadgets the width and height returned will be the default width and height for the selected overscan type.

TAG

rtsc_flags

1.110 RexxReqTools Constant: vreqf_alldisks

NAME

vreqf_alldisks

DESCRIPTION

Show all devices. Default behavior is to show only those devices which have valid disks inserted into them. So if you have no disk in drive DF0: it will not show up. Set this flag if you do want these

devices included.

TAG

rtfi_volumerequest

1.111 RexxReqTools Constant: vreqf_noassigns

NAME

vreqf_noassigns

DESCRIPTION

Do not include the assigns in the volume list, only the real devices.

TAG

rtfi_volumerequest

1.112 RexxReqTools Constant: vreqf_nodisks

NAME

vreqf_nodisks

DESCRIPTION

Do not include devices in the volume list, just show the assigns.

TAG

rtfi_volumerequest

1.113 RexxReqTools: Errors

List of Errors

This section contains all errors that RexxReqTools generators and there possible causes.

- 10/3: No memory available
 - there's no memory to open font,
 - there's no memory to allocate file, font or screen mode requester.
 - 10/5: Unmatched quote
 - you used an opening quote without a closing quote with a tag that requires a string.
 - 10/8: Unrecognized token
 - you used an unknown tag in a taglist.
 - 10/17: Wrong number of arguments
 - you didn't specify the required argument for rtezrequest().
 - there are more then 14 tags in the tagstring,
 - 10/30: Label not found
 - you specified a non existent font with rt_font.
 - 10/33: Invalid keyword
 - you used an unknown constant as value for a tag.
 - 10/34: Required keyword missing
-

```

    ·you didn't use the right format with rt_font.
-10/47: Arithmetic conversion error
    ·you specified a non number for a number argument (rtgetlong() or
      rtpalettererequest()),
    ·you specified a non number with a number tag.

```

Of course errors can have other causes than RexxReqTools.

1.114 RexxReqTools: History

History

```

=====

·release 1.0 [37.19 (12.2.93)]
  -First release.

-----

·release 1.0a [37.20 (20.2.93)]

  -It is now possible to use spaces around the equal sign in
    tagstrings.
  -Replaced some dangerous code.
  -Removed "idcmp_mousemoved", "idcmp_gadgetdown", "idcmp_gadgetup"
    and "idcmp_activewindow" because they couldn't be used (don't
    worry if you used these in your scripts: they still won't work,
    but they won't cause an error).
  -Removed some errors from RexxReqTools.doc, especially about the
    ordering of the directory and filename arguments for
    rtfilerequest(). The order hasn't been changed but the
    documentation has!!

-----

·release 1.0b [37.21 (5.3.93)]

  -Negative numbers are now recognized in tagstrings.
  -Tagstring parsing has become a little (tiny) bit faster. [Next
    release will hopefully use hashintables for a REAL speed
    increase.]

=====

·release 1.1 [37.29 (18.3.93)]

  -NEW FEATURE: The file requester now allows buffered
    directories!!
  -Great news for Kickstart 1.3 users: here's another good reason to
    upgrade to Kickstart 2.04: RexxReqTools now needs Kickstart 2.04
    or higher :-). [I also removed all the remarks concerning
    Kickstart 1.3 from the documentation.]
  -This release should parse tagstrings faster (as promised). [It's
    always nice to do some assembly.]
  -Added four new tags: rtfi_matchpat and rtfi_buffer for the file

```

requester; rtfo_fontname and rtfo_fontheight for the font requester.

-Changed Alerts for missing libraries to EZRequests. RexxReqTools will only use an Alert if it couldn't open reqtools.library.

•release 1.1a [37.29 (7.4.93)]

-I wrote an AmigaGuide for RexxReqTools. I hope you will find it easier to use then RexxReqTools.doc.

-Fixed some erroneous examples.

=====

•release 1.2 [37.34 [16.4.93)]

-NEW FEATURE: RexxReqTools now contains a screen mode requester.

-It seems last version didn't handle ORing constants together in tagstrings very well (ie. it didn't work). That's fixed now.

-RexxReqTools should now also return an error ('no memory available') if it couldn't create the compound variables.

-Added new tag for all requesters: rt_font this allows you to use different fonts with the requesters.

RexxReqTools now contains 7 functions, 44 tags and 40 constants.

•release 1.2a [37.43 (25.5.93)]

-I forgot to free the filelist (rtFreeFileList) after a multiselect (freqf_multiselect) filerequester. Now RexxReqTools does free them.

-New function that allows you to free the processes filebuffer: rtfreefilebuffer().

-Rewrote some things in assembly. The library is now a few bytes smaller (about 400 bytes) and a zillionth of a second faster.

-New, smart, installation script, tries to use the Commodore Installer program. When using Workbench 2.1 or 3.0 it tries to load the Installer from the volume Install2.1 or Install3.0 (if you are a smart person with lots of space on her/his startup partition, you'll have this program already installed in your C: drawer, the installation script will recognize this). If the script can't find the install disk or Installer it will install RexxReqTools with a simple Shell script. (Thanks to Nico for the idea.)

RexxReqTools now contains 8 functions, 44 tags and 40 constants.

•release 1.2b [37.49 (6.6.93)]

-Tags no know what kind of value they take: number, constant or string. Using the wrong value with a tag will cause an error. Also you don't have to use quotes around strings containing no

spaces.
-Added error checking.
-This is the first version where the guide contains more information than the doc.

•release 1.2c [37.51 (8.7.93)]

-The tagstring parser produced an Enforcer hit, that's fixed. (Thanks to Franz 'Blacky' Schwarz, you were right: I just had to add the '#')
-Added a new tag to the file requester: rtfi_initialpath.
-Cleaned up the AmigaGuide so that AmigaGuide V34 users can also read it. (Seems like V34 doesn't understand @wordwrap). It was an awful job :-(, but it looks a lot better, even with AmigaGuide V39. I've removed RexxReqTools.doc from the distribution because AmigaGuide is available to everybody (Fish 870).
-Final enhancement to Install script: it will find Installer anywhere in the path of the Workbench. Script now also sets stack to 10000 as needed by Installer.

•release 1.2d [37.53 (19.7.93)] This is a minor release that only fixes some bugs:

-rtgetstring() now checks the length of the input text and it ignores everything after the 255th character (Thanks to Franz Schwartz for reporting this bug).
-Removed a lot of spelling mistakes from the documentation.

•release 1.2e [37.71 (5.1.94)]

-TagString parsing changed the ARexx arguments, this was not very nice. Fixed. Reported by Roger Andersson.
-Changed the way that filerequesters link to a process a tiny bit.
-Added a lot of TurboText scripts that use RexxReqTools to replace the default TurboText requesters with ReqTools requesters. These scripts were made by Magnus Holmgren, thanks Magnus. (They are in the TTXARexx.lha archive in the examples drawer).

•release 1.3 [37.95 (16.8.94)]

-The library has almost completely been rewritten. I hope all crashes and Enforcer hits are gone.
-Added a new font requester tag: rtfo_fontstyle and three constants: underlined, italic and bold.
-Added a new function: rtscreenname.
-rtgetlong didn't return the number entered when you used one of the extra gadgets to close the requester.
-There's no longer a restriction on the number of tags in a tagstring.

-The guide has been cleaned up.

1.115 RexxReqTools: Author

RexxReqTools was written by Rafael D'Halleweyn.

If you have any questions, remarks, suggestions or bug reports please let me know. You can contact me via normal mail:

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B-2610 Antwerpen

BELGIUM

Or you can try to reach me via EMail, you can reach me at:

amiga@suntew.ruca.ua.ac.be

(but this is not my own account). The suntew.ruca.ua.ac.be machine won't (probably) be able to receive mail the first week of september 1994 (you'll have to wait until the second week, or use normal mail). From October you'll be able to reach me at:

Rafael.DHalleweyn@rug.ac.be

(this is my own account).

[if you only have fido-access you should send a message to UUCP (2:29/777.0) and the first line of the message should read 'To: <fill in email address>', the second line should be empty]

I'd like to thank Nico François, who wrote ReqTools, who was great support and from whom I stole a large part for the original documentation. Also thanks to William Hawes for ARexx. And another thanks to Eric Bergen for attracting my attention to some spelling mistakes in the guide.

RexxReqTools is Copyright © Rafael D'Halleweyn. All Rights Reserved.

1.116 RexxReqTools: ARexx

ARexx is an implementation of the Rexx language for the Amiga computer. ARexx is a powerful programming tool, but one which by virtue of its clean syntax and sparse vocabulary is also easy to learn and easy to use. (From "ARexx User's Reference Manual".)

If you want to know more about ARexx you should read an ARexx manual.

ARexx is © William S. Hawes

1.117 RexxReqTools: ReqTools

The purpose of ReqTools is to make it a lot quicker and easier to build standard requesters into your programs. ReqTools is designed with Commodore's style guidelines in mind, all requesters have the look-and-feel of AmigaDOS Release 2. (From the README file in the ReqTools distribution).

ReqTools is © Nico François

1.118 RexxReqTools: Scripts

A script is a small program.

When used in this document it means an ARexx program.

1.119 RexxReqTools: Problems with the SHOW buttons

For the SHOW buttons to work, you should install RexxReqTools and click on the ACTIVATE SHOW BUTTONS button on the first page of this document.

If no requester appears after you have pressed the ACTIVATE SHOW BUTTONS button, then RexxReqTools or ARexx is not properly installed.

1.120 RexxReqTools: compound variables

Stems and compound variables have special properties that allow for some interesting and unusual programming. A compound symbol can be regarded as having the structure stem.n1.n2...nk where the leading name is a stem symbol and each node n1...nk is a fixed or simple symbol.

(From ARexx User's Reference Manual)

1.121 RexxReqTools: Requesters

Requester are windows that allow the user to make choices or present her with some information.

RexxReqTools contains seven different requester:

```
message requester
file requester
font requester
number requester
text requester
color requester
screen mode requester
```

1.122 RexxReqTools: reqtools.library

reqtools.library is the heart of ReqTools. You should copy this file to your LIBS: directory (if the install script of ReqTools hasn't already done this for you).

If you can't find reqtools.library in the same directory as RexxReqTools it's probably in the parent of this directory (ie. RexxReqTools is a part of the ReqTools distribution).

1.123 RexxReqTools: rexsyslib.library

rexsyslib.library is the heart of ARexx. You should have this file installed in you LIBS: directory (if the installation hasn't already been done by the Commodore Workbench installation script).

You can find rexsyslib.library on a Workbench 2.0 (or higher) disk.

1.124 RexxReqTools: rexxreqtools.library

```
#prev rexxreqtools_library
```

rexxreqtools.library is the heart of RexxReqTools. You should copy this file to your LIBS: directory (if the 'Install' program hasn't already done this for you).

1.125 RexxReqTools: Index

Index

A

- ARexx
- Arithmetic conversion error
- author

B

- bodytext
- bold
- buffer, file

C

- color requester
- compound
- constant
- constants, list of

D

- Disclaimer

E

- error
- ezreqf_centertext
- ezreqf_lamigaqual
- ezreqf_noreturnkey

F

- false
- file requester
- font requester
- Freeware
- freqf_changepalette
- freqf_colorfonts
- freqf_fixedwidth
- freqf_leavepalette
- freqf_multiselect
- freqf_nofiles
- freqf_patgad
- freqf_save
- freqf_scale
- freqf_selectdirs
- freqf_style
- functions

G

- gadgettext
- glreqf_centertext
- glreqf_highlighttext
- gsreqf_centertext
- gsreqf_highlighttext

H

- history

I

- idcmp_diskinserted
- idcmp_diskremoved
- idcmp_inactivewindow
- idcmp_mousebuttons
- idcmp_rawkey
- idcmp_vanillakey
- introduction
- Invalid keyword error
- italic

L

- Label not found error
- list of all constants
- list of all errors
- list of all functions
- list of all tags

M

- message requester

N

- No memory available error

number requester

O

oktext

R

requester
Required keyword missing
reqpos_centerscr
reqpos_centerwin
reqpos_pointer
reqpos_topleftscr
reqpos_topleftwin
ReqTools
reqtools.library
resultname
rexxtreqtools.library
rexsyslib.library
rtezrequest()
rtez_defaultresponse
rtez_flags
rtfilerequest()
rtfi_buffer
rtfi_flags
rtfi_height
rtfi_initialpath
rtfi_matchpat
rtfi_volumerequest
rtfontrequest()
rtfo_flags
rtfo_fontheight
rtfo_fontname
rtfo_fontstyle
rtfo_height
rtfo_maxheight
rtfo_minheight
rtfo_sampleheight
rtfreefilebuffer()
rtgetlong()
rtgetstring()
rtgl_backfill
rtgl_flags
rtgl_invisible
rtgl_max
rtgl_min
rtgl_width
rtgs_backfill
rtgs_flags
rtgs_invisible
rtgs_width
rtpaletterequest()
rtscreenmoderequest()
rtsc_flags
rtsc_height
rtsc_maxdepht
rtsc_maxheight
rtsc_maxwidth

- rtsc_mindepth
- rtsc_minheight
- rtsc_minwidth
- rt_font
- rt_idcmpflags
- rt_leftoffset
- rt_lockwindow
- rt_pubscrname
- rt_reqpos
- rt_screen
- rt_screentofront
- rt_topoffset
- rt_waitpointer
- rt_window

S

- screen mode requester
- screqf_overscangad
- screqf_autoscrollgad
- screqf_depthgad
- screqf_guimodes
- screqf_nonstdmodes
- screqf_sizegads
- script
- SHOW buttons don't work

T

- tag
- tags, list of
- tagstring
- text requester
- true

U

- underlined
- Unmatched quote error
- Unrecognized token error
- using RexxReqTools

V

- vreqf_alldisks
- vreqf_noassigns
- vreqf_nodisks

W

- Wrong number of arguments error