

# **RexxReqTools**

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**COLLABORATORS**

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# Chapter 1

## RexxReqTools

### 1.1 RexxReqTools

RexxReqTools 1.3

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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)

rexreqtools.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:

```

rexsyslib.library
'
reqtools.library
  version 38 or higher,
'diskfont.library'.
The 'rexsyslib.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:

```
rtezrequest()
  message requester

rtfilerequest()
  file requester

rtfontrequest()
  font requester

rtfreefilebuffer()

rtgetlong()
  number requester

rtgetstring()
  string requester

rtpaletterrequest()
  color requester

rtscreenmoderequest()
  screen mode requester

rtscreenname()
```

---

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

bodytxt	the bodytext (required)
gadtxt	the gadgettext (optional, defaults to " OK ")
title	title of the requester (optional)
tagstring	a tagstring (optional)
resultname	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
rtffreefilebuffer()
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 ( freqf\_multiselect ) resultname.count will contain the number of files (or directories) selected and resultname.1 ... 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: rtfonrequest()

Font Requester: rtfonrequest()

```
fontname = rtfonrequest ([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

<code>number</code>	default value (optional)
<code>bodytxt</code>	the bodytext (optional)
<code>title</code>	title of the requester (optional)
<code>gadtxt</code>	the gadgettext (optional, defaults to " _Ok  _Cancel")
<code>tagstring</code>	a tagstring (optional)
<code>resultname</code>	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)

gadtgt 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 gadtgt 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: rtpaletterequest()

Color Requester: rtpaletterequest()

```

newcolor = rtpaletterequest ([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 = rtpaletterrequest(,'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_sizegads|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

```

```

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

```

## 1.19 RexxReqTools: OkText

A special case of gadgettext is the oktext (rtfilerequest())



and

```
rtfontrequest()
```

). 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  
 rtfonrequest()  
 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()

rtpaletterequest()

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()

rtpalettrequest()

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()
    rtpaletterequest()
    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 requester's 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()

    rtpalettrequest()

    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()

rtpalettrequest()

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()

rtpalettrequest()

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

FUNCTIONS  
rtfontrequest()  
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\_sizegads

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  
rtsscreenmoderequest()  
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 rtpaletterequest() ,
  - 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 hashtables 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 than 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:

Rafael D'Halleweyn  
Perckhoevelaan 17  
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: rexxsyslib.library

```
rexxsyslib.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 rexxsyslib.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).

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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

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