

# **RexxReqTools**

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COLLABORATORS

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## Chapter 1

# RexxReqTools

### 1.1 RexxReqTools

```
RexxReqTools 1.2e          (library version 37.71)
RexxReqTools is Copyright © 1992-1994 Rafael D'Halleweyn.
All rights reserved.
```

```
Introduction
Using RexxReqTools
List of functions
List of tags
List of constants
List of errors
Copyright
History
Index
```

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

RexxReqTools was written by Rafael D'Halleweyn. Thanks go to 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.

```
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 Along
```

### 1.2 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.

## 1.3 Using RexxReqTools

### Using RexxReqTools

To use RexxReqTools you first have to install the library `rexreqtools.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 rexreqtools.library 0 -30
```

If you use RexxReqTools a lot you can insert this line in your user-startup (see also Install).

Alternatively you can insert the following command in every ARexx script that uses RexxReqTools

```
addlib('rexreqtools.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 rexreqtools.library 5 -30
```

or

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

For RexxReqTools to be able to work you'll also need to have the `rexsyslib.library` and `reqtools.library` installed in `LIBS:`.

As of release 1.1 RexxReqTools needs Kickstart 2.04 or higher!

Starting from release 1.2, RexxReqTools needs ReqTools version 38 or higher. RexxReqTools now also needs the `'diskfont.library'`, this library should already be installed in your `LIBS:` directory.

## 1.4 RexxReqTools about 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.

## 1.5 RexxReqTools about 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.

## 1.6 RexxReqTools about 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
```

## 1.7 RexxReqTools about TagStrings

TagStrings 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 make 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.
- Currently no more then 14 tags are used.

## 1.8 RexxReqTools about 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 ore 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

## 1.9 RexxReqTools about 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.

## 1.10 RexxReqTools Functions

This is a list of all RexxReqTools functions, RexxReqTools contains 7 functions:

message requester:	rtezrequest()
file requester:	rtfilerequest() rtfreefilebuffer()
font requester:	rtfonrequest()
number requester:	rtgetlong()
string requester:	rtgetstring()
color requester:	rtpalettererequest()
screen mode requester:	rtscreenmoderequest()

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')
```

## 1.11 RexxReqTools rtezrequest() function

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_idcmpflags
rt_reqpos
rt_leftoffset
rt_topoffset
rt_pubscrname
rt_screen
rt_window
rt_waitpointer
rt_lockwindow
rt_screentofront
rt_font
rtez_flags
rtez_defaultresponse
```

## 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
```

### 1.12 RexxRegTools rtfilerequest() function

File Requester: `rtfilerequest()`[illegible]

## 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 link 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_window
rt_reqpos
rt_leftoffset
rt_topoffset
rt_pubscrname
```

```

rt_screen
rt_waitpointer
rt_lockwindow
rt_screentofront
rt_font
rtfi_flags
rtfi_height
rtfi_volumerequest
rtfi_matchpat
rtfi_buffer
rtfi_initialpath

```

#### 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

## 1.13 RexxReqTools rtfreefilebuffer() function

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()

```

## 1.14 RexxReqTools rtfontrequest() function

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 link 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_window
rt_reqpos
rt_leftoffset
rt_topoffset
rt_pubscrname
rt_screen
rt_waitpointer
rt_lockwindow
rt_screentofront
rt_font
rtfo_flags
rtfo_height
rtfo_sampleheight
rtfo_minheight
rtfo_maxheight
rtfo_fontname
rtfo_fontheight
```

### 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

```

## 1.15 RexxReqTools rtgetlong() function

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 rt_idcmpflags or gadtxt are used this variable will contain the same value as rtezrequest() would return (optional: defaults to "rtresult")

### TAGS

```

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

```



```
rtgl_flags
```

#### 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
```

## 1.16 RexxReqTools rtgetstring() function

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_window
rt_idcmpflags
rt_reqpos
rt_leftoffset
rt_topoffset
rt_pubscrname
rt_screen
rt_waitpointer
rt_lockwindow
rt_screentofront
rt_font
rtgs_width
rtgs_invisible
rtgs_backfill
rtgs_flags
```

#### 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
```

## 1.17 RexxReqTools rtpalettrequest() function

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_window
rt_reqpos
rt_leftoffset
rt_topoffset
rt_pubscrname
rt_screen
rt_waitpointer
rt_lockwindow
rt_screentofront
rt_font
```

#### RESULT

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

#### EXAMPLES

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

SHOW

## 1.18 RexxReqTools rtsscreenmoderequest() function

Screen Mode Requester: rtsscreenmoderequest()

```
screenmode = rtsscreenmoderequest ([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 link 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_window
rt_reqpos
rt_leftoffset
rt_topoffset
rt_pubscrname
rt_screen
rt_waitpointer
rt_lockwindow
rt_screentofront
rt_font
rtsc_flags
rtsc_height
rtsc_minwidth
rtsc_maxwidth
rtsc_minheight
rtsc_maxheight
```

```
rtsc_mindepth  
rtsc_maxdepth
```

#### 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
```

## 1.19 RexxReqTools 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  
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
```

## 1.20 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()
rtpaletterrequest()
rtscreenmoderequest()
```

## 1.21 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()
```

## 1.22 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()
```

## 1.23 RexxReqTools Tag: rtfi\_matchpat

#### NAME

rtfi\_matchpat

#### VALUE

string

#### DESCRIPTION

Pattern string to match files on.

---

## EXAMPLE

```
'rtfi_matchpat=#?.doc'
```

## FUNCTIONS

```
rtfilerequest()
```

## 1.24 RexxReqTools Tag: rtfo\_fontname

## NAME

```
rtfo_fontname
```

## VALUE

```
string
```

## DESCRIPTION

Set the name of the selected font.

## FUNCTIONS

```
rtfontrequest()
```

## 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\_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()  
rtpaletterequest()  
rtscreenmoderequest()

## 1.27 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()
```

## 1.28 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()  
rtpaletterrequest()  
rtscreenmoderequest()
```

## 1.29 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()  
rtpaletterequest()  
rtscreenmoderequest()
```

### 1.30 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()
```

### 1.31 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()
```

### 1.32 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()
```

### 1.33 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()
```

### 1.34 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()`

### 1.35 RexxReqTools Tag: `rtgl_backfill`

## NAME

`rtgl_backfill`

## VALUE

true or false

## DESCRIPTION

Backfill requester window with pattern.

## DEFAULT

true

## FUNCTIONS

`rtgetlong()`

### 1.36 RexxReqTools Tag: `rtgl_flags`

## NAME

`rtgl_flags`

## VALUE

One or more of the following:

`glreqf_centertext`

`glreqf_highlighttext`

## DESCRIPTION

Flags for `rtgetlong()`.

## FUNCTIONS

`rtgetlong()`

### 1.37 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()

### 1.38 RexxReqTools Tag: rtgs\_backfill

NAME

rtgs\_backfill

VALUE

true or false

DESCRIPTION

Backfill requester window with pattern.

DEFAULT

true

FUNCTIONS

rtgetstring()

### 1.39 RexxReqTools Tag: rtgs\_flags

NAME

rtgs\_flags

VALUE

One or more of the following:

gsreqf\_centertext

gsreqf\_highlighttext

DESCRIPTION

Flags for rtgetstring().

FUNCTIONS

rtgetstring()

### 1.40 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()

## 1.41 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()

## 1.42 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()  
rtpalettrequest()  
rtscreenmoderequest()

---

## 1.43 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()  
rtpalettererequest()  
rtscreenmoderequest()

## 1.44 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()  
rtpalettererequest()  
rtscreenmoderequest()

---

## 1.45 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()  
rtpaletterequest()  
rtscreenmoderequest()
```

## 1.46 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()
```

## 1.47 RexxReqTools Tag: rtfi\_height

### NAME

rtfi\_height

---



## VALUE

number

## DESCRIPTION

Suggested height of file requester window.

## FUNCTIONS

rtfilerequest()

## 1.48 RexxReqTools Tag: rtfo\_fontheight

## NAME

rtfo\_fontheight

## VALUE

number

## DESCRIPTION

Set the fontsize of the selected font.

## FUNCTIONS

rtfontrequest()

## 1.49 RexxReqTools Tag: rtfo\_height

## NAME

rtfo\_height

## VALUE

number

## DESCRIPTION

Suggested height of font requester window.

## FUNCTIONS

rtfontrequest()

## 1.50 RexxReqTools Tag: rtfo\_maxheight

## NAME

rtfo\_maxheight

## VALUE

number

## DESCRIPTION

Maximum font size displayed.

## FUNCTIONS

rtfontrequest()

---

### 1.51 RexxReqTools Tag: rtfo\_minheight

NAME

rtfo\_minheight

VALUE

number

DESCRIPTION

Minimum font size displayed.

FUNCTIONS

rtfontrequest()

### 1.52 RexxReqTools Tag: rtfo\_sampleheight

NAME

rtfo\_sampleheight

VALUE

number

DESCRIPTION

Height of font sample display in pixels.

DEFAULT

24

FUNCTIONS

rtfontrequest()

### 1.53 RexxReqTools Tag: rtgl\_max

NAME

rtgl\_max

VALUE

number

DESCRIPTION

Maximum allowed value, higher values are refused.

FUNCTIONS

rtgetlong()

### 1.54 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()

## 1.55 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()

## 1.56 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()

## 1.57 RexxReqTools Tag: rtsc\_height

## NAME

rtsc\_height

## VALUE

number

## DESCRIPTION

Suggested height of the screen mode requester window.

#### FUNCTIONS

rtscreenmoderequest()

## 1.58 RexxReqTools Tag: rtsc\_maxdepth

#### NAME

rtsc\_maxdepth

#### VALUE

number

#### DESCRIPTION

The maximum display depth allowed.

#### FUNCTIONS

rtscreenmoderequest()

## 1.59 RexxReqTools Tag: rtsc\_maxheight

#### NAME

rtsc\_maxheight

#### VALUE

number

#### DESCRIPTION

The maximum display height allowed.

#### FUNCTIONS

rtscreenmoderequest()

## 1.60 RexxReqTools Tag: rtsc\_maxwidth

#### NAME

rtsc\_maxwidth

#### VALUE

number

#### DESCRIPTION

The maximum display width allowed

#### FUNCTIONS

rtscreenmoderequest()

---

## 1.61 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()

## 1.62 RexxReqTools Tag: rtsc\_minheight

### NAME

rtsc\_minheight

### VALUE

number

### DESCRIPTION

The minimum display height allowed.

### FUNCTIONS

rtscreenmoderequest()

## 1.63 RexxReqTools Tag: rtsc\_minwidth

### NAME

rtsc\_minwidth

### VALUE

number

### DESCRIPTION

The minimum display width allowed.

### FUNCTIONS

rtscreenmoderequest()

## 1.64 RexxReqTools 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

rtgl_flags:
  glreqf_centertext
  glreqf_highlighttext

rtgs_flags:
  gsreqf_centertext
  gsreqf_highlighttext

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

rtsc_flags:
  screqf_autoscrollgad
  screqf_depthgad
  screqf_guimodes
  screqf_nonstdmodes
  screqf_overscangad
  screqf_sizegads

rtfi_volumerequest:
  vreqf_alldisks
  vreqf_noassigns
```

---

vreqf\_nodisks

## 1.65 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

## 1.66 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

## 1.67 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

---

## 1.68 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

## 1.69 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

## 1.70 RexxReqTools Constant: freqf\_multiselect

### NAME

freqf\_multiselect

### DESCRIPTION

Allows multiple files to be selected.

### TAG

rtfi\_flags

## 1.71 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`

## 1.72 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`

## 1.73 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`

## 1.74 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`

## 1.75 RexxReqTools Constant: `freqf_changepalette`

## NAME

`freqf_changepalette`

## DESCRIPTION

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

## TAG

`rtfo_flags`

## 1.76 RexxReqTools Constant: `freqf_colorfonts`

## NAME

`freqf_colorfonts`

## DESCRIPTION

Show color fonts also.

## TAG

`rtfo_flags`

## 1.77 RexxReqTools Constant: `freqf_fixedwidth`

## NAME

`freqf_fixedwidth`

## DESCRIPTION

Only show fixed-width fonts.

## TAG

`rtfo_flags`

## 1.78 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`

## 1.79 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

## 1.80 RexxReqTools Constant: freqf\_style

## NAME

freqf\_style

## DESCRIPTION

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

## TAG

rtfo\_flags

## 1.81 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

## 1.82 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

## 1.83 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

## 1.84 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

## 1.85 RexxReqTools Constant: idcmp\_diskinserted

## NAME

idcmp\_diskinserted

## DESCRIPTION

Requester disappears when a disk is inserted.

## TAG

rt\_idcmpflags

## 1.86 RexxReqTools Constant: idcmp\_diskremoved

## NAME

idcmp\_diskremoved

## DESCRIPTION

Requester disappears when a disk is removed.

## TAG

rt\_idcmpflags

## 1.87 RexxReqTools Constant: idcmp\_inactivewindow

## NAME

`idcmp_inactivewindow`

## DESCRIPTION

Requester disappears when requester window is deactivated.

## TAG

`rt_idcmpflags`

## 1.88 RexxReqTools Constant: idcmp\_mousebuttons

## NAME

`idcmp_mousebuttons`

## DESCRIPTION

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

## TAG

`rt_idcmpflags`

## 1.89 RexxReqTools Constant: idcmp\_rawkey

## NAME

`idcmp_rawkey`

## DESCRIPTION

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

## TAG

`rt_idcmpflags`

## 1.90 RexxReqTools Constant: idcmp\_vanillakey

## NAME

`idcmp_vanillakey`

## DESCRIPTION

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

## TAG

`rt_idcmpflags`

## 1.91 RexxReqTools Constant: reqpos\_centerscr

## NAME

reqpos\_centerscr

## DESCRIPTION

Requester is centered on the screen.

## TAG

rt\_reqpos

## 1.92 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

## 1.93 RexxReqTools Constant: reqpos\_pointer

## NAME

reqpos\_pointer

## DESCRIPTION

Requester appears where the mouse pointer is (default).

## TAG

rt\_reqpos

## 1.94 RexxReqTools Constant: reqpos\_topleftscr

## NAME

reqpos\_topleftscr

## DESCRIPTION

Requester appears at the top left of the screen.

## TAG

rt\_reqpos

## 1.95 RexxReqTools Constant: reqpos\_topleftwin

## NAME

reqpos\_topleftwin

## DESCRIPTION

Requester appears at the top left of the window specified by rt\_window.

## TAG

rt\_reqpos

## 1.96 RexxReqTools Constant: screqf\_autoscrollgad

## NAME

screqf\_autoscrollgad

## DESCRIPTION

Add an autoscroll checkbox gadget to the screen mode requester.

## TAG

rtsc\_flags

## 1.97 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

## 1.98 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

---

## 1.99 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

## 1.100 RexxReqTools Constant: screqf\_overscangad

### NAME

screqf\_overscangad

### DESCRIPTION

Add an overscan cycle gadget to the requester.

### TAG

rtsc\_flags

## 1.101 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

## 1.102 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

### 1.103 RexxReqTools Constant: vreqf\_noassigns

NAME

vreqf\_noassigns

DESCRIPTION

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

TAG

rtfi\_volumerequest

### 1.104 RexxReqTools Constant: vreqf\_nodisks

NAME

vreqf\_nodisks

DESCRIPTION

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

TAG

rtfi\_volumerequest

### 1.105 RexxReqTools errors

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 than 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.

## 1.106 RexxReqTools Copyright

RexxReqTools Copyright

The programs and files in this distribution are freely distributable, but are also Copyright © Rafael D'Halleweyn. They may be freely distributed as long as no more than a nominal fee is charged to cover time and copying costs.

No commercial usage is allowed, except for W.S. Hawes who has the explicit permission to include RexxReqTools with the ARexx package.

You are allowed to redistribute this package (under the above stated restrictions). The distribution should contain the following files:

```
Demo.rexx
Demo.rexx.info
  Examples (dir)
    Buffered.rexx
    Buffered.rexx.info
    FontReq.rexx
    FontReq.rexx.info
    Buffered.rexx
    Buffered.rexx.info
Examples.info
Install
Install.info
Install RexxReqTools
NoMoreDoc.doc
NoMoreDoc.doc.info
RexxReqTools.guide
RexxReqTools.guide.info
rexreqtools.library
```

## 1.107 RexxReqTools about RexxReqTools.guide

RexxReqTools.guide is this document that you are now reading, it contains the description of RexxReqTools.

## 1.108 RexxReqTools about Install

Install is the RexxReqTools installation program, it will first try to find the Commodore Installer program. If it can find the Installer installation will proceed with the Installer. If the Installer can not be found installation will be done by a CLI script.

---

If you are using Workbench 2.1 or higher you may be asked to insert the Commodore Install disk (containing the Installer; 'Install2.1' for Workbench2.1, 'Install3.0' for Workbench 3.0 and so on). If you don't have this disk or don't mind using the CLI-script you can cancel the requester.

When using the Installer you will also be asked if you want to add rexxreqtools.library to the ARexx Library List. Using 'Proceed' will add a 'RXLIB rexxreqtools.library 0 -30' command to your user-startup file.

NOTE: If you placed the Installer somewhere in the path of Workbench then Install will find it (and you won't have to insert the install disk).

## 1.109 RexxReqTools about 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).

## 1.110 RexxReqTools about 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).

## 1.111 RexxReqTools about 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.

## 1.112 RexxReqTools History

History of RexxReqTools:

- First Release 1.0
- From release 1.0 to 1.0a
- From release 1.0a to 1.0b
- From release 1.0b to 1.1
- From release 1.1 to 1.1a

```
From release 1.1a to 1.2
From release 1.2 to 1.2a
From release 1.2a to 1.2b
From release 1.2b to 1.2c
From release 1.2c to 1.2d
From release 1.2d to 1.2e
```

### 1.113 RexxReqTools History: Release 1.0

Release 1.0

```
LIBRARY VERSION 37.19
DATE 12.2.93
```

First release

### 1.114 RexxReqTools History: Release 1.0a

Release 1.0a

```
LIBRARY VERSION 37.20
DATE 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!!

### 1.115 RexxReqTools History: Release 1.0b

Release 1.0b

```
LIBRARY VERSION 37.21
DATE 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.]

### 1.116 RexxReqTools History: Release 1.1

---

Release 1.1

LIBRARY VERSION 37.29  
DATE 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`.

## 1.117 RexxReqTools History: Release 1.1a

Release 1.1a

LIBRARY VERSION 37.29  
DATE 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.

## 1.118 RexxReqTools History: Release 1.2

Release 1.2

LIBRARY VERSION 37.34  
DATE 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.

## 1.119 RexxReqTools History: Release 1.2a

Release 1.2a

---

LIBRARY VERSION 37.43  
DATE 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.

## 1.120 RexxReqTools History: Release 1.2b

Release 1.2b

LIBRARY VERSION 37.49  
DATE 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.

## 1.121 RexxReqTools History: Release 1.2c

Release 1.2c

LIBRARY VERSION 37.51  
DATE 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.
-

Now I am waiting for the new ReqTools, so that I can add new features to RexxReqTools.

## 1.122 RexxReqTools History: Release 1.2d

Release 1.2d

```
LIBRARY VERSION 37.53
DATE 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.

## 1.123 RexxReqTools History: Release 1.2e

Release 1.2e

```
LIBRARY VERSION 37.71
DATE 5.1.94
```

- TagString parsing changed the ARexx arguments, this was not very nice. Fixed. Reported by Roger Andersson.
- 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).

## 1.124 RexxReqTools about 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

## 1.125 RexxReqTools about 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

## 1.126 RexxReqTools about LIBS:

The LIBS: directory (or drawer) is the logical device (ie. assign) where all the Amiga's shared libraries are stored.

Shared libraries are an easy way for programs to share common code.

## 1.127 RexxReqTools about scripts

A script is a small program.

When used in this document it means an ARexx program.

## 1.128 The author of RexxReqTools

RexxReqTools was written by Rafael D'Halleweyn.

If you have any questions, remarks, suggestions or bug reports about RexxReqTools please let me know. You can contact me via e-mail, my internet address is:

rdhall@rug.ac.be

or normal mail:

Rafael D'Halleweyn  
Perckhoevelaan 17  
B-2610 Antwerpen

BELGIUM

Example scripts are also very welcome.

RexxReqTools is Copyright © Rafael D'Halleweyn

## 1.129 RexxReqTools about 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
```

## 1.130 RexxReqTools about 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)

## 1.131 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.

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