

in

COLLABORATORS

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WRITTEN BY		March 28, 2025	

REVISION HISTORY

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Chapter 1

in

1.1 ModuleInformation

ShowModule v1.10 (c) 1992 \$#%!
now showing: "libraries/reqtools.m"
NOTE: don't use this output in your code, use the module instead.

```
CONST REQTOOLSVERSION=$26,  
    RTPREF_FILEREQ=0,  
    RTPREF_FONTREQ=1,  
    RTPREF_PALETTEREQ=2,  
    RTPREF_SCREENMODEREQ=3,  
    RTPREF_VOLUMEREQ=4,  
    RTPREF_OTHERREQ=5,  
    RTPREF_NR_OF_REQ=6  
  
(----) OBJECT reqdefaults  
(  0)    size:LONG  
(  4)    reqpos:LONG  
(  8)    leftoffset:INT  
( 10)    topoffset:INT  
( 12)    minentries:INT  
( 14)    maxentries:INT  
(----) ENDOBJECT      /* SIZEOF=16 */  
  
(----) OBJECT reqtoolsprefs  
(  0)    prefssize:LONG  
(  4)    prefssemaphore:substructure  
( 50)    flags:LONG  
( 54)    reqdefaults:substructure  
(----) ENDOBJECT      /* SIZEOF=150 */  
  
CONST RTPREFS_SIZE=$64,  
    RTPREF_DIRSFIRST=1,  
    RTPREF_DIRSMIXED=2,  
    RTPREF_IMMSORT=4,  
    RTPREF_NOSCRTOFRONT=8,  
    RTPREF_NOLED=16  
  
(----) OBJECT reqtoolsbase  
(  0)    lib:substructure
```

```
( 34)  rtflags:CHAR
( 35)  pad:substructure
( 38)  seglist:LONG
( 42)  intuitionbase:LONG
( 46)  gfxbase:LONG
( 50)  dosbase:LONG
( 54)  gadtoolsbase:LONG
( 58)  utilitybase:LONG
( 62)  realopencnt:INT
( 64)  availfontlock:INT
( 66)  availfontshheader:LONG
( 70)  fontsassigntype:LONG
( 74)  fontsassignlock:LONG
( 78)  fontsassignlist:LONG
( 82)  regtoolsprefs:substructure
(232)  prefspad:INT
(----) ENDOBJECT      /* SIZEOF=234 */

CONST RT_FILEREQ=0,
      RT_REQINFO=1,
      RT_FONTREQ=2,
      RT_SCREENMODEREQ=3

(----) OBJECT rtfilerequester
(  0)  reqpos:LONG
(  4)  leftoffset:INT
(  6)  topoffset:INT
(  8)  flags:LONG
( 12)  privatel:LONG
( 16)  dir:LONG
( 20)  matchpat:LONG
( 24)  defaultfont:LONG
( 28)  waitpointer:LONG
( 32)  lockwindow:LONG
( 36)  shareidcmp:LONG
( 40)  intuimsgfunc:LONG
( 44)  reserved1:INT
( 46)  reserved2:INT
( 48)  reserved3:INT
( 50)  reqheight:INT
(----) ENDOBJECT      /* SIZEOF=NONE !!! */

(----) OBJECT rtfilelist
(  0)  next:LONG
(  4)  strlen:LONG
(  8)  name:LONG
(----) ENDOBJECT      /* SIZEOF=12 */

(----) OBJECT rtvolumeentry
(  0)  type:LONG
(  4)  name:LONG
(----) ENDOBJECT      /* SIZEOF=8 */

(----) OBJECT rtfontrrequester
(  0)  reqpos:LONG
(  4)  leftoffset:INT
(  6)  topoffset:INT
```

```
( 8) flags:LONG
(12) private1:LONG
(16) attr:substructure
(24) defaultfont:LONG
(28) waitpointer:LONG
(32) lockwindow:LONG
(36) shareidcmp:LONG
(40) intuimsgfunc:LONG
(44) reserved1:INT
(46) reserved2:INT
(48) reserved3:INT
(50) reqheight:INT
(----) ENDOBJECT      /* SIZEOF=NONE !!! */
```

```
(----) OBJECT rtscreenmoderequester
( 0) reqpos:LONG
( 4) leftoffset:INT
( 6) topoffset:INT
( 8) flags:LONG
(12) private1:LONG
(16) displayid:LONG
(20) displaywidth:INT
(22) displayheight:INT
(24) defaultfont:LONG
(28) waitpointer:LONG
(32) lockwindow:LONG
(36) shareidcmp:LONG
(40) intuimsgfunc:LONG
(44) reserved1:INT
(46) reserved2:INT
(48) reserved3:INT
(50) reqheight:INT
(52) displaydepth:INT
(54) overscantage:INT
(56) autoscroll:LONG
(----) ENDOBJECT      /* SIZEOF=NONE !!! */
```

```
(----) OBJECT rtreqinfo
( 0) reqpos:LONG
( 4) leftoffset:INT
( 6) topoffset:INT
( 8) width:LONG
(12) reqtitle:LONG
(16) flags:LONG
(20) defaultfont:LONG
(24) waitpointer:LONG
(28) lockwindow:LONG
(32) shareidcmp:LONG
(36) intuimsgfunc:LONG
(----) ENDOBJECT      /* SIZEOF=NONE !!! */
```

```
(----) OBJECT rthandlerinfo
( 4) waitmask:LONG
( 8) donotwait:LONG
(----) ENDOBJECT      /* SIZEOF=NONE !!! */
```

```
CONST CALL_HANDLER=$80000000,
```

```
RT_TAGBASE=$80000000,  
RT_WINDOW=$80000001,  
RT_IDCMPFLAGS=$80000002,  
RT_REQPOS=$80000003,  
RT_LEFTOFFSET=$80000004,  
RT_TOPOFFSET=$80000005,  
RT_PUBSCRNAME=$80000006,  
RT_SCREEN=$80000007,  
RT_REQHANDLER=$80000008,  
RT_DEFAULTFONT=$80000009,  
RT_WAITPOINTER=$8000000A,  
RT_UNDERSCORE=$8000000B,  
RT_SHAREIDCMP=$8000000C,  
RT_LOCKWINDOW=$8000000D,  
RT_SCREENTOFRONT=$8000000E,  
RT_TEXTATTR=$8000000F,  
RT_INTUIMSGFUNC=$80000010,  
RT_LOCALE=$80000011,  
RTEZ_REQTITLE=$80000014,  
RTEZ_FLAGS=$80000016,  
RTEZ_DEFAULTRESPONSE=$80000017,  
RTGL_MIN=$8000001E,  
RTGL_MAX=$8000001F,  
RTGL_WIDTH=$80000020,  
RTGL_SHOWDEFAULT=$80000021,  
RTGL_GAD_FMT=$80000022,  
RTGL_GAD_FMTARGS=$80000023,  
RTGL_INVISIBLE=$80000024,  
RTGL_BACKFILL=$80000025,  
RTGL_TEXT_FMT=$80000026,  
RTGL_TEXT_FMTARGS=$80000027,  
RTGL_CENTERTEXT=$80000064,  
RTGL_FLAGS=$80000016,  
RTGS_WIDTH=$80000020,  
RTGS_ALLOWEMPTY=$80000050,  
RTGS_GAD_FMT=$80000022,  
RTGS_GAD_FMTARGS=$80000023,  
RTGS_INVISIBLE=$80000024,  
RTGS_BACKFILL=$80000025,  
RTGS_TEXT_FMT=$80000026,  
RTGS_TEXT_FMTARGS=$80000027,  
RTGS_CENTERTEXT=$80000064,  
RTGS_FLAGS=$80000016,  
RTFI_FLAGS=$80000028,  
RTFI_HEIGHT=$80000029,  
RTFI_OKTEXT=$8000002A,  
RTFI_VOLUMEREQUEST=$8000002B,  
RTFI_FILTERFUNC=$8000002C,  
RTFI_ALLOWEMPTY=$8000002D,  
RTFO_FLAGS=$80000028,  
RTFO_HEIGHT=$80000029,  
RTFO_OKTEXT=$8000002A,  
RTFO_SAMPLEHEIGHT=$8000003C,  
RTFO_MINHEIGHT=$8000003D,  
RTFO_MAXHEIGHT=$8000003E,  
RTFO_FILTERFUNC=$8000002C,  
RTSC_FLAGS=$80000028,
```

```
RTSC_HEIGHT=$80000029,  
RTSC_OKTEXT=$8000002A,  
RTSC_PROPERTYFLAGS=$8000005A,  
RTSC_PROPERTYMASK=$8000005B,  
RTSC_MINWIDTH=$8000005C,  
RTSC_MAXWIDTH=$8000005D,  
RTSC_MINHEIGHT=$8000005E,  
RTSC_MAXHEIGHT=$8000005F,  
RTSC_MINDEPTH=$80000060,  
RTSC_MAXDEPTH=$80000061,  
RTSC_FILTERFUNC=$8000002C,  
RTFI_DIR=$80000032,  
RTFI_MATCHPAT=$80000033,  
RTFI_ADDENTRY=$80000034,  
RTFI_REMOVEENTRY=$80000035,  
RTFO_FONTNAME=$8000003F,  
RTFO_FONTHEIGHT=$80000040,  
RTFO_FONTSTYLE=$80000041,  
RTFO_FONTFLAGS=$80000042,  
RTSC_MODEFROMSCREEN=$80000050,  
RTSC_DISPLAYID=$80000051,  
RTSC_DISPLAYWIDTH=$80000052,  
RTSC_DISPLAYHEIGHT=$80000053,  
RTSC_DISPLAYDEPTH=$80000054,  
RTSC_OVERSCANTYPE=$80000055,  
RTSC_AUTOSCROLL=$80000056,  
RTPA_COLOR=$80000046,  
RTRH_ENDREQUEST=$8000003C,  
REQPOS_POINTER=0,  
REQPOS_CENTERWIN=1,  
REQPOS_CENTERSCR=2,  
REQPOS_TOPLEFTWIN=3,  
REQPOS_TOPLEFTSCR=4,  
REQ_CANCEL=0,  
REQ_OK=1,  
FREQF_NOBUFFER=4,  
FREQF_MULTISELECT=1,  
FREQF_SAVE=2,  
FREQF_NOFILES=8,  
FREQF_PATGAD=16,  
FREQF_SELECTDIRS=$1000,  
FREQF_FIXEDWIDTH=$20,  
FREQF_COLORFONTS=$40,  
FREQF_CHANGEPALETTE=$80,  
FREQF_LEAVEPALETTE=$100,  
FREQF_SCALE=$200,  
FREQF_STYLE=$400,  
SCREQF_SIZEGADS=$2000,  
SCREQF_DEPTHGAD=$4000,  
SCREQF_NONSTDMODES=$8000,  
SCREQF_GUIMODES=$10000,  
SCREQF_AUTOSCROLLGAD=$40000,  
SCREQF_OVERSCANGAD=$80000,  
EZREQF_NORETURNKEY=1,  
EZREQF_LAMIGAQUAL=2,  
EZREQF_CENTERTEXT=4,  
GLREQF_CENTERTEXT=4,
```

```
GLREQF_HIGHLIGHTTEXT=8,  
GSREQF_CENTERTEXT=4,  
GSREQF_HIGHLIGHTTEXT=8,  
VREQF_NOASSIGNS=1,  
VREQF_NODISKS=2,  
VREQF_ALLDISKS=4,  
RTFI_HOOK=12,  
RTFO_HOOK=12,  
REQHOOK_WILDFILE=0,  
REQHOOK_WILDFONT=1,  
FREQF_DOWILDFUNC=$800
```