

rexxxref.doc

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	<i>TITLE :</i> rexxxref.doc		
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REVISION HISTORY

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Chapter 1

rexxxref.doc

1.1 rexxxref.doc

```
--rexhost--      ExpungeXRef()  
FindXRef()       LoadXRef()
```

1.2 rexxxref.library/--rexhost--

HOST INTERFACE

rexxxref.library provides an ARexx function host interface that enables ARexx programs to take advantage of the features of the XRef-System.

The function host library vector is located at offset -30 from the library. This is the value you provide to ARexx in the AddLib() function call.

FUNCTIONS

```
FindXRef (STRING/A, CATEGORY, LIMIT/N, NOPATTERN/S, NOCASE/S, STEM)  
LoadXRef (FILE/A, XREFPRI/N, LOCK/S, INDEX/S)  
ExpungeXRef (CATEGORY, FILE, FORCE/S)
```

EXAMPLES

```
/* xref.library ARexx example */  
OPTIONS RESULTS  
  
IF ~SHOW('L','xref.library') THEN  
    CALL ADDLIB('xref.library',0,-30)  
  
/* load explicitly the sys_autodoc.xref */  
IF LoadXRef('sys_autodoc.xref',10,, 'INDEX') THEN  
    Say "sys_autodoc.xref loaded with priority 10 !"  
ELSE  
    Say "Can't load sys_autodoc.xref"  
  
IF FindXRef('#?Window#?',,,10,,,,) THEN  
    DO i = 1 TO xref.count
```

```
        Say "XRef      : " xref.i.Name
        Say "Type      : " xref.i.Type
        Say "NodeName  : " xref.i.NodeName
        Say "File      : " xref.i.File
        Say "Path      : " xref.i.Path
        Say "Line      : " xref.i.Line
    END
ELSE
    Say "FindXRef() error : " ERRORTXT(RC)
EXIT

SEE ALSO
    ParseXRef() ,XR_LoadXRef() ,XR_ExpungeXRef()
```

1.3 rexxxref.library/ExpungeXRef()

NAME
ExpungeXRef - expunge a/some xreffiles from memory

SYNOPSIS
ExpungeXRef(CATEGORY,FILE,FORCE/S)

FUNCTION
This is the REXX-Function-Interface to the XR_ExpungeXRef() function of the xref.library.

INPUTS
CATEGORY - category of xreffiles to expunge
FILE - expunge only the given file
FORCE - expunge also xreffiles, which are locked

RESULTS
Set RC to RC_WARN, if no xreffiles was expunged. Otherwise set to RC_OK.

SEE ALSO
LoadXRef() ,FindXRef() ,XR_ExpungeXRef()

1.4 rexxxref.library/FindXRef()

NAME
FindXRef - searches for a given pattern and returns the xref entries

SYNOPSIS
FindXRef(STRING/A,CATEGORY,LIMIT/N,NOPATTERN/S,NOCASE/S,STEM)

FUNCTION
Searches for a given pattern or string. If one or more xref entries are found, this function returns the full information about the xref entry in the specified stem variable.

INPUTS

STRING - string/pattern to search for
CATEGORY - category to search in
LIMIT - maximal number of entries to return
NOPATTERN- string isn't a pattern
NOCASE - ignore case ('A'=='a')
STEM - stem variable to use, if not specified it uses the
"XRef" as stem base name !
The following stem field are supported :
XRef.Count
XRef.n.Type
XRef.n.Name
XRef.n.NodeName
XRef.n.File
XRef.n.Path
XRef.n.Line

RESULTS

Set RC to WARN, if no entry was found. Otherwise set to RC_OK

SEE ALSO

LoadXRef() , ExpungeXRef() , ParseXRef()

1.5 rexxxref.library/LoadXRef()

NAME

LoadXRef - loads a xref file into memory

SYNOPSIS

LoadXRef(FILE/A,XREFPRI/N,LOCK/S,INDEX/S)

FUNCTION

This is the REXX-Interface function to the xref.library XR_LoadXRef() function.

INPUTS

FILE - xref file to load
XREFPRI - priority to use for this xref file (Enqueue())
LOCK - lock this xref file
INDEX - create an index for this xref file

RESULTS

Set RC to RC_WARN, if the xref file could not be loaded. Otherwise set to RC_OK.

SEE ALSO

FindXRef() , ExpungeXRef() , XR_LoadXRef()