

RI

Conversion program

COLLABORATORS

	<i>TITLE :</i> RI		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Conversion program	October 9, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	RI	1
1.1	Overview of RI DOS Lib V2.5	1
1.2	RI DOS Lib V2.5	1
1.3	RI DOS Lib V2.5	1
1.4	RI DOS Lib V2.5	2
1.5	RI DOS Lib V2.5	2
1.6	RI DOS Lib V2.5	2
1.7	RI DOS Lib V2.5	3
1.8	RI DOS Lib V2.5	3
1.9	RI DOS Lib V2.5	4
1.10	RI DOS Lib V2.5	4
1.11	RI DOS Lib V2.5	4
1.12	RI DOS Lib V2.5	4
1.13	Example Programs	5

Chapter 1

RI

1.1 Overview of RI DOS Lib V2.5

Overview

This library has been written because the RIMiscLib library has reached the point where any extra command additions would make the library size (hence any compiled programs which use the library) too big for comfort.

All commands in this library are aimed at providing easy access to DOS related functions (though not simply direct DOS calls).

1.2 RI DOS Lib V2.5

Statement/Function: AddNotify

Modes : Amiga

Syntax : [success=]AddNotify(notify#,filespec\$)

This tells DOS to keep an eye on <filespec\$> (which may either be a filename or directory name) for alterations.

The value notify# is the slot number to occupy in the librarys internal list.

NOTE: For Version 1.00, the maximum number of Notification requests is 64 and NO CHECKING is made to ensure slots are free.

1.3 RI DOS Lib V2.5

Statement: RemNotify

Modes : Amiga

Syntax : RemNotify notify#

This is to remove a notification request which was setup with
AddNotify

notify# should be the value returned by
AddNotify

1.4 RI DOS Lib V2.5

Function: CheckNotify

Modes : Amiga
Syntax : notify#=CheckNotify

This command checks to see if any notification messages have been posted by DOS. If so, this command returns the notification number (as returned by

AddNotify
).

1.5 RI DOS Lib V2.5

Function: WaitNotify

Modes : Amiga
Syntax : notify#=WaitNotify

This command is identical to
CheckNotify
except that
it WAITS for a notifications message to be received before returning.

1.6 RI DOS Lib V2.5

Statement: GetDeviceList

Modes : Amiga
Syntax : success=GetDeviceList(flags)

This command will attempt to lock the DOS objects list ready for traversing.

Note: whilst this is locked, no programs may use the DOS object list.

The FLAGS parameter is a bit pattern showing which information you want to extract. BIT 0 should always be set. NEVER set bit 1.

Valid flag values :

```

DEVICES    = %100
VOLUMES    = %1000
ASSIGNS    = %10000

```

Add combinations together to get more than 1 type of entry.

This command optionally returns a success value (which you should check for).

See Also:

```

NextDevice
FreeDeviceList

```

1.7 RI DOS Lib V2.5

Statement: NextDevice

```

Modes   : Amiga
Syntax  : devicename$=NextDevice

```

This command will move to the next entry in the DOS object list and returns a null-terminated string of its name. Note that the FLAGS parameter used in

```

GetDeviceList
    determines the type of information it returns. A ':' is NOT
appended to the name.

```

See the

```

Examples
    for example usage of these commands.

```

See Also:

```

GetDeviceList
FreeDeviceList

```

1.8 RI DOS Lib V2.5

Statement: FreeDeviceList

```

Modes   : Amiga
Syntax  : FreeDeviceList

```

This command will free the DOS objects list which was previously locked with a call to

```

GetDeviceList
    . You should call this command as soon as
you are finished with the device list.

```

1.9 RI DOS Lib V2.5

Function: NotifyPort

Modes : Any

Syntax : msgport.l=NotifyPort

This command will return the address of the message port associated with the file notifications (for use with AddWaitEvent and PortSigBit)

1.10 RI DOS Lib V2.5

Function: GetFileName

Modes : Any

Syntax : filename%=GetFileName(filespec%)

This command will return the FILE name component of the given filespec.

e.g.

GetFileName("Work:Test/test.txt") will return 'test.txt'

1.11 RI DOS Lib V2.5

Function: GetPathName

Modes : Any

Syntax : pathname%=GetPathName(filespec%)

This command will return the PATH name component of the given filespec.

e.g.

GetPathName("Work:Test/test.txt") will return 'Work:Test/'

1.12 RI DOS Lib V2.5

| RI DOS Lib V2.5 |

Undocumented commands added by Toby Zuijdveld 02/03/1999
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Overview

Command Index

AddNotify

CheckNotify

FreeDeviceList

GetDeviceList

GetFileName

GetPathName

NextDevice

NotifyPort

RemNotify

WaitNotify

DeviceEntryType dev=3d0,dir=3d1,vol ↔
=3d2,nonblind=3d4

Examples

Main Document

Library Index

1.13 Example Programs

Example Programs

EXAMPLE 1 - Example usage of the Device List :

```
Load Example 1
Compile It!
```

EXAMPLE 2 - More complex version of Example 1

```
Load Example 2
Compile It!
```