

LhADir.dopus5

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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	LhADir.dopus5	1
1.1	Contents	1
1.2	description	2
1.3	installation	3
1.4	commands	3
1.5	tips	5
1.6	problems	5
1.7	history	5
1.8	todo	6
1.9	copyrights	6

Chapter 1

LhADir.dopus5

1.1 Contents

Contents

Description

What is LhADir.dopus5?

Installation

How to install it on your system.

Supported commands

What can it do?

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Some tips

For speeding up and memory shortage.

~

Known problems

Nothing's perfect.

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Revision history

What has been changed?

To do

The future.

Copyrights

Legal credits.

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LhADir.dopus5 1.0

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1.2 description

Description

LhADir.dopus5 is an ARexx script for Directory Opus 5 that allows you to show the contents of LhA archives in an Opus lister window and operate on the files and directories inside the archive as if it is a normal directory.

With LhADir.dopus5 you can:

- browse through the directory structure of an archive file
- doubleclick on files in an archive to read/play/show/etc. them
- delete files and directories with the Delete button
- extract/add files and directories with the Copy or Move buttons

Requirements

LhADir.dopus5 has been tested with
Directory Opus 5.1
and
LhA 1.50r
.

Other features

- double clicking on files and directories works
 - can be compiled with the
Rexx Plus Compiler
for optimum speed
 - works with more than one copy of Directory Opus running
 - view an archive in an archive by extracting it from it's mother archive to the current destination directory
 - deletes strange filenames like '#?' without a problem
 - create new (empty) LhA archives with the MakeDir button
 - copy/move between two archives (via T:)
 - datestamps, attributes and comments are listed and preserved correctly
 - localized (Dutch catalog provided)
-

1.3 installation

Installation

I've included an Installer script for easy installation, but if you want to install LhADir by hand this is how to do it.

1. Copy the files 'LhADir.dopus5' and 'LhADir-handler' to the 'DOpus5:arexx' directory.

2. Make sure ARexx is activated.

You can activate ARexx by double clicking the 'RexxMast' icon in the 'System' drawer. If you would like ARexx activated every time you boot, you can place the 'RexxMast' icon in the 'WBStartup' drawer or add the line 'RexxMast >NIL:' to your 'S:User-Startup' file with a text editor.

3. Change the config to call LhADir.dopus5 for the functions you wish LhADir support.

Alternatively you may use the supplied 'LHA archive' filetype and the supplied toolbar or the 'LhADir Buttons' button bank.

In short, this is how to call LhADir.dopus5:

- For the 'LHA archive' file type set the cycle gadget to 'ARexx' and enter 'DOpus5:arexx/LhADir.dopus5 Browse {Qp} {o}' for double-click. You may also use 'GetDir' instead of 'Browse' in which case the archive will be listed in the same lister. In the flags area you may switch on 'Run asynchronously'. All other flags should be switched off.
- For other functions set the cycle gadget to 'ARexx' and choose 'DOpus5:arexx/LhADir.dopus5' from the file requester. Add one of the

supported commands

as an argument to the command line and then add the '{Qp}' command. E.g. 'DOpus5:arexx/LhADir.dopus5 Delete {Qp}' for the Delete function.

4. Optionally copy the Dutch catalog to the 'LOCALE:Catalogs/nederlands' directory.

LhADir.dopus5 is fully localized (yes, in ARexx!) as to fully blend into Directory Opus 5 which is also localized. Currently only a Dutch catalog is provided. If you wish to make your own catalog translation go right ahead, an empty catalog file has been provided. Please send your translation to me so I may include it with later versions.

1.4 commands

Supported commands

LhADir.dopus5 supports the following commands:

GETDIR, BROWSE, DELETE, COPY, MOVE, MAKEDIR, GETSIZES
and all internal Opus 5 commands (e.g. Read, Show, DoubleClick).

When calling LhADir.dopus5 one of these commands must be passed along as an argument. The commands are not case sensitive.

Note that all of LhADir.dopus5's functions work equally well on listed archives as on normal directory listings. This means that you don't have to define two buttons for one function. Instead, you can change the existing buttons to call LhADir.dopus5.

GETDIR

Lists the contents of the selected directory or LhA archive file in the same lister. If nothing is selected, the current directory or archive will be relisted.

BROWSE

Works identical to the GETDIR command, but instead opens a new lister for listing the files and directories.

DELETE

Deletes all selected files and directories from the current source. Please note that when deleting from an archive there is no way to get the deleted files back, so be careful! A warning requester will be displayed before commencing with deletion.

COPY

Copies all selected files and directories to the path specified in the destination lister. Both source and destination listers can be either a normal directory or a listed archive. Note that when copying between two archives the 'T:' directory will be used as an intermediate. This means that there must be enough memory available. Also note that when copying files to a subdir within an archive all files will also be placed in the 'T:' directory first before they can be added. Further note that when extracting directories within a subdirectory, all selected entries are first extracted to a special directory named 'LhADirX' and afterwards moved to the correct destination.

MOVE

Identical to COPY, except that the selected files and directories are deleted after they have been copied successfully.

MAKEDIR

Creates an empty directory in the current source. With MAKEDIR it's also possible to create a new (empty) LhA archive file. Just enter the archive's name (ending in '.lha').

GETSIZES

Calculates the size of all selected directories in the source lister by adding up the sizes of the files they contain.
With listed archives a directory's date and time will also be set in accordance to the newest file it contains.

1.5 tips

Tips for speeding up

- Make LhA resident by executing the command 'Resident C:LhA'.
- Compile LhADir.dopus5 with the
Rexx Plus Compiler

This has been tested with version 1.30 of the compiler. Not only will listing archives be more than three times as fast, but because compiled ARExx scripts stay resident the overall response is much better.

When using the compiled version of LhADir.dopus5 you should have the 'rexxpplib.library' in your 'LIBS:' directory and you should also have the 'RPStart' program activated (e.g. from your 'User-Startup').

Tips for memory shortage

LhADir.dopus5 uses the 'T:' directory for temporary stuff. Like when copying to a subdir within an archive, copying between two archives and viewing files from an archive. Normally 'T:' is assigned to the ram disk, so when there is a memory shortage, these operations will fail. The solution is to assign 'T:' somewhere else, for instance to your hard disk. Simply go to the Workbench and choose 'Execute command' from the menu and enter something like 'Assign T: Work:Trashcan'.

1.6 problems

Known problems

You tell me!

1.7 history

Revision history

Version 1.0 released 27-May-1995

- First public release. LhADir.dopus5 is largely based on LhADir.dopus 1.11 for Directory Opus 4.

1.8 todo

To do

- Make the 'Abort' button work during operations on archives.
- Support the new LZX archiver (LZXDir.dopus5?).
- Support 'drag and drop' actions.

1.9 copyrights

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