

# **LhADir.dopus**

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|               | <i>TITLE :</i><br>LhADir.dopus |                  |                  |
| <i>ACTION</i> | <i>NAME</i>                    | <i>DATE</i>      | <i>SIGNATURE</i> |
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**REVISION HISTORY**

| NUMBER | DATE | DESCRIPTION | NAME |
|--------|------|-------------|------|
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# Chapter 1

## LhADir.dopus

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This is the AmigaGuide® documentation for:

LhADir.dopus 1.3

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## 1.2 description

### Description

LhADir.dopus is an ARexx script for Directory Opus that allows you to show the contents of an LhA archive file in a window and operate on the files and directories inside the archive.

With LhADir.dopus you can:

- browse through the directory structure of an archive file
- read/play/show files from an archive
- delete files and directories with the Delete button
- extract or add files or directories with the Copy button

LhADir.dopus was tested with  
Directory Opus v4.11  
and  
LhA V1.50r  
.

### Other features

- 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 'T:' directory
- show a file's internal version string on the top line
- I myself use LhADir.dopus nearly every day, so I can honestly say that LhADir.dopus is safe to use.

## 1.3 installation

### Installation

Before you can use LhADir.dopus from Directory Opus you first have to copy the file 'LhADir.dopus' to your 'REXX:' directory. And of course LhADir.dopus won't work without ARexx activated. You can activate ARexx by double clicking the 'RexxMast' icon in the 'System' drawer or by placing it in the 'WBStartup' drawer and rebooting.

Before changing your own personal DOpus config you may first try out LhADir.dopus by using the supplied example config. You can open this config file, called 'LhADir.CFG', from the Configuration main screen in Directory Opus.

When changing your own config you may examine the Buttons, Filetypes and Menus parts of the supplied example config.

In short this is how to call LhADir.dopus:

- For Buttons and Menus set the cycle gadget to 'ARexx' and choose 'LhADir.dopus' from the filerequester. Add one of the supported commands

as an argument to the command line (e.g. LhADir.dopus Copy).

- For Filetypes (double click, click move click) set the cycle gadget to 'AmigaDOS' and enter 'REXX:LhADir.dopus GetDir {p} {o}'. For Click-m-click the 'GetDir' command should be replaced by 'Browse'. In the flags area you must switch on 'Run asynchronously'. All other flags should be switched off.

## 1.4 commands

Supported commands

LhADir.dopus supports the following commands:

GETDIR, BROWSE, PARENT, ROOT, DELETE, COPY, MAKEDIR, GETSIZES, READ, ANSIREAD, HEXREAD, SHOW, PLAY, LOOPPLAY, PRINT, ICONINFO, VERSION, MULTIVIEW, VIEWTEK, RETINADISPLAY, AMIGAGUIDE.

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

Please note that all of LhADir.dopus' functions work equally well on listed archives as on normal directory lists. This means you don't have to define two buttons for one function. Instead you can change the existing buttons to call LhADir.dopus instead.

### GETDIR

Lists the contents of the selected directory or .LHA/.LZH/.RUN archive file in the same window. If nothing is selected the current directory or archive will be rescanned.

Within a listed archive you cannot double click a directory to list it. If you do so by mistake use the GETDIR function to list the directory anyway.

### BROWSE

Works identical to the GETDIR command, but instead uses the opposite window for listing the files and directories.

### PARENT

Lists the contents of the parent directory. Within a listed archive you cannot use the window's border as a parent button. If you do so by mistake, use the GETDIR function to list the directory anyway.

### ROOT

Lists the contents of the root directory. With a listed archive this function will show the root directory within the archive. If you are already in the archive's root directory then the root directory of the archive's path is listed.

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**DELETE**

Deletes all selected files and directories.

Please note that when deleting from an archive there is no way to get the deleted files back, so be careful! LhADir.dopus will honour the config setting about asking before commencing deletion.

**COPY**

Copies all selected files and directories to the destination specified in the opposite window.

Both source and destination window can be either a normal directory or a listed archive. When copying between two archives the T: directory will be used as an intermediate. This means that there must be enough ram available. 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.

**MAKEDIR**

Creates an empty directory.

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

**GETSIZES**

Calculates the size of all selected directories by adding up the size of the files they contain.

With a listed archive it will also set the directory's date and time in accordance to the newest file it contains.

**READ, ANSIREAD, HEXREAD**

These are asynchronous internal Directory Opus commands.

When the active window is a listed archive only the first selected file will be extracted to 'T:' and viewed. Afterwards it is deleted immediately.

**SHOW, PLAY, LOOPPLAY, PRINT, ICONINFO**

These are normal internal Directory Opus commands.

When the active window is a listed archive then the selected files will be extracted one by one to 'T:' so that they can be showed, played or whatever. Afterwards they are deleted immediately.

Note that, when working on multiple files, it's always possible to abort by pressing both mouse buttons in the DOpus window.

**VERSION**

Shows the internal version string of the first selected file on DOpus' top line.

It accomplishes this by calling the AmigaDOS 'Version' command.

When the active window is a listed archive the file will be extracted to 'T:' first and deleted afterwards.

**MULTIVIEW, VIEWTEK, RETINADISPLAY, AMIGAGUIDE**

These are external programs that are called from within LhADir.dopus.

All selected files will be passed along to the external program one by one.

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With a listed archive the files are extracted as needed.  
If you haven't got these external programs or keep them in a different directory path than I do, these commands won't work.  
It's possible to add support for other external programs, but you will have to alter the ARexx code yourself. This isn't very difficult though.  
Note that, when working on multiple files, it's always possible to abort by pressing both mouse buttons in the DOpus window.

## 1.5 tips

Some tips

The following measures help to speed up the operation of LhADir.dopus:

- Copy 'LhADir.dopus' to RAM: and call it there from Directory Opus.
- Copy 'LhA' to RAM: and make RAM: the first in your search path.  
This is usually already the case. Check this with the 'Path' command.

## 1.6 copyrights

Copyrights

Directory Opus is Copyright © 1993 by Jonathan Potter/INOVAtronics  
LhA is Copyright © 1991,92 by Stefan Boberg  
AmigaGuide is Copyright © 1991-93 by Commodore-Amiga, Inc.

## 1.7 history

Revision history

Version 1.0 released 21-07-1993

Version 1.1 released 16-08-1993

- Fixed several problems regarding filenames containing wildcard characters like '[ ] ( ) # ~ % | \*'. For example it was not possible to read such a file.
  - Delete stopped when it ran into a file containing spaces. (I forgot the quotation marks.)
  - Added ICONINFO and RETINADISPLAY commands.
  - Fixed problem with internal deletes on delete protected files.
  - It's now possible to copy over existing files in an archive.
  - Doesn't relist the archive's contents anymore after deleting from it.
  - Cleaned up code. Size is now smaller!
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Version 1.2 released 30-09-1993

- Added AMIGAGUIDE command (external program) for pre KS3.0 users.
- Added GETSIZES command and removed the automatic dir size calculation. Listing archives with lots of files in dirs is now up to 40% faster.
- Both internal and external commands will now work on all selected files instead of just the first selected.
- It's not possible anymore to compile LhADir.dopus with the Rexx Plus Compiler due to the use of the interpret command. If anybody cares about this please contact me for a change.
- Documentation is now in AmigaGuide format.
- Example config is now in Directory Opus 4.1 format.

Version 1.3 released 25-11-1993

- Asynchronous internal DOpus commands (READ, ANSIREAD and HEXREAD) now only act on the first selected file.
- Added the possibility to abort when viewing/playing/etc multiple files by pressing both mouse buttons in the DOpus window.
- MultiView now opens it's window on the DOpus public screen.

Thanks to Andrew de Jong for reporting the next 3 problems:

- Fixed problems with file- and dirnames with leading blanks.
  - MakeDir didn't work with dirnames containing spaces. (I forgot the quotation marks again.)
  - Fixed problem with some PC generated .lzh files with strange date fields.
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