

DArc

COLLABORATORS

	<i>TITLE :</i> DArc		
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REVISION HISTORY

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Still to do

Options

If you have any suggestions, don't hesitate to write me, also if you are not registered.

If there is any special reason, why haven't registered yet and it is something I could change, please write me, too.

1.2 Important

1. This program is shareware. All rights at this program and the documentation belong to us. We are:

Frank Weber	Holger Kasten
Schlizstr. 53	Jägerhastr. 72
74076 Heilbronn	74074 Heilbronn
Germany	Germany

If you're using DArc more often and you'd like to have the full registered version, you can

register

2. This program comes 'as is'. There is no warranty. You are using ↔ it on your own risk.

3. Don't modify any files since this may destroy DArc or may even cause damages on your system.
4. This program must only be distributed with all files belonging to it.
5. You may copy this program to any PD-Disk or upload it to any BBS as long as there is no commercial use. The PD-Disks mustn't be distributed for more than 5 DM or 5 US\$. (I would be pleased about a small message)
6. You may copy the demo version to everybody. The registered version MUST NOT BE DISTRIBUTED IN ANY WAY. (Don't even copy it to your grandma - make her registering !!!)

By starting the program you agree with these conditions.

1.3 What is DArc

DArc (= "DiskARChiver") is a filefinder. If you don't know where ↔ you "lost" a file, you need DArc.

There are two ways using DArc:

1. You tell DArc where to search for which file(s). (direct scan)
 2. You can also scan the contents of (hard-) disks or CD-ROMs into a file.
-

Later these files can be searched for a filename or a search pattern.

Advantage of direct scan:

- You will always get actual results

Advantages of using scanfiles:

- about 5 times faster than a direct scan
- The contents of many devices do never or almost never change. (for example pd disks or CD-ROMs.)
- You can scan many disks into only one file, so one file can contain your whole museum of PD-Disks

After searching all found files will be displayed. Now you will see one of the great things about DArc, since you can do things with these found files right there. For this there are 12 free configurable user-gadgets. You can assign them different 'actions', e.g. copying a selected file into RAM:, unarchive archives or display text files.

These buttons are - as already mentioned - free configurable. You can start ANY AmigaDOS program via such a button. See
button configuration
for more details.)

1.4 Installation

To run DArc, you need at least OS 2.0 and 1 MB RAM.

DArc is installed via the Commodore (or should I say ESCOM ?!?!?) installer.

If you are starting DArc, the program is loaded but then nothing happens, then reqtools.library is probably not installed.

After starting DArc, it will look for two config files:

1. 'S:DArc-Options' Options file
2. 'S:DArc.config' Buttonconfig file

If you are a registered user, you will get a keyfile. You have to copy this to your 'S:' drawer.

Although DArc comes along with catalogs, there is no catalog support yet. This is because I'd have to make 2 versions then: one for OS 2.0 without catalog support and one for OS 2.1+ with catalog support. There is no other possibility for me since Blitz-Basic has got a bug. I hope it will be fixed in the next update.

But I would be pleased if someone could translate the catalog into other languages (especially French).

If you wonder why there is an English catalog: It should help people who can't speak German to translate the catalog into their favourite language.

1.5 DArc mainscreen

The mainscreen is divided into two parts:

On the left side there are all
scan
related buttons.

On the right side there are all
search
related buttons.

On the lower side of the right half there are some other buttons:

About: Displays a requester with informations about DArc or the user.

Options: Puts up
options
window.

Convert: Converts a scanfile into readable format, with lines like:
'Work:Devs/Monitors/PAL'

First you have to choose the scanfile to be converted, then you
have to choose the destination (=output) file.

Quit: Hmmmm !?!, what the devil might this button mean...

On the bottom of the screen there is also a status line. DArc will put
out his (error) messages there. When an error message is shown, the screen
will sometimes flash for a moment.

1.6 Scanning of Devices

During a scan, all files and dirs of a device will be printed into ↔
an
output file. Later you can find the location of a file with the help
of this scanfile via the
Search
function.

Description of the gadgets in the scan part:

File: the output file (or scanfile)

R: puts up a filerequester for the scanfile

'=>' will copy the name of the scanfile into the 'file' gadget for finding.

Dup name: It might happen that you'll have to scan more than one device with
the same name into a scanfile. This might cause problems (not for
DArc, but for you), since when you try to find a file in this
scanfile, and one of these files is on a disk with the duplicate
name, you just won't know which disk the file is on.

Choose 'Request' to open up a requester in this case that allows

you to enter a new name for this device (e.g. 'PD114' instead of 'PD').

#?.info: Switch this option OFF, if you don't want to have these nasty '.info' files scanned.

append: If this box is switched off, an existing scanfile with the same name will be replaced by the new scanfile. Otherwise the new scanfile will be added to the bottom of the old one. So it's possible to put the contents of 7 pd boxes (or more, if have so many disks) into one scanfile.

Multiscan: For description see
Multiscan

.

In the lower third of the screen there are 12 Gadgets. You can start a scan of a device by clicking on its button.

The only exception is the button 'others'. It will put up a filerequester where you can choose a device or directory to be scanned. So you can't only scan devices but also directories.

While a scan is in progress, you will always be told how many percent are already done. You can abort a scan with the cancel button.

If you switch the progress indicator off in the
Options
menu,
you can abort scan via <Escape>.

1.7 Multiscan

If you are going to scan many disks (For example PD disks), it would be a lot of work to insert a disk, press the df0: button, remove the disk, insert a new disk, press the next button, remove the disk again...

So DArc will do this for you automatically (except inserting a disk). This means: All disks you'll insert into a one or more (chosen) diskdrive(s) will be scanned automatically.

First, you have to choose all drives you want to be checked for new inserted disks, then press the button 'Multiscan' to start it.

Now you will see a message in the status line that should like this: (If there is already a disk in one of the chosen drives, it will be scanned immediately and another message will be seen.)

```
df0: insert | df1: insert | df2: inaktiv | df3: inaktiv
```

This means:

```
df0: is empty - insert a disk
df1: is empty - insert a disk
df2: has not been chosen
df3: has not been chosen
```

During the complete multiscan, every drive has got a status that might change after certain events:

```

inaktiv: Drive has not been chosen for multiscan
insert:  Drive is empty
        ready: A disk is in the drive, but another drive is scanned at the
              moment.
working: The drive is scanned now
remove:  The scan is over and you can remove the disk from the drive

```

Example (related to df0: - in chronological order)

Status:	What happens/What you should do	New Status:
Insert	You insert a disk into the drive	-> Ready
Ready	The drive will now be scanned	-> Working
Working	The scan is over	-> Remove
Remove	You remove the disk	-> Insert
Insert	You insert a disk into the drive	->

If you remove a disk and insert it again into the same drive, the status will change to 'Remove' and not to 'Ready' to protect the disk from being scanned twice.

If you want to abort multiscan, press <Esc> while NO DRIVE IS SCANNED. If necessary, you can abort a scan which is in progress.

1.8 Finding lost files

The scanfiles themselves won't use you a lot, they have to be used in any way (this way is called 'DArc'). For this there is the 'Find' function. All buttons on the right side of the mainscreen are find-related.

Description of the gadgets:

You can select between searching in a scanfile and searching on a device directly.

File: the DArc scanfile you want to be searched for filenames.
'R' puts up a filerequester.

Or, if you have chosen the direct scan (lower position):

Dir: The directory ('dh0:pd') or device ('dh0:') where you want to search.

ST1-ST3: There you can enter a filename (or the filenames) you are searching. DArc will search the scanfile for these filenames. You can also enter a

```
pattern
, then all matching files
will be displayed.
```

Files only/Files&Dirs/Dirs only: Select which type of entry you are looking for.

#?.info: Select this if you want info files matching to the pattern to be found, too.

case sensitive: Switch this option on if you want DArc to check for upper case/lower case of the given filename.

Find: Starts the find function

The time it takes to find a filename in a scanfile will depend on the scanfile's size and your processor.

If DArc has completed searching, you will automatically get onto the

```
watch
screen.
```

1.9 patterns

Instead of searching for whole filenames, you can also search for patterns.

Patterns may include wildcards ('#?') and jokers ('?').

```
#?.lha will find all files ending with .lha
mod.#? will find all files starting with mod
#?e#? will find all files whose filename include 'e'
```

```
a?c will find aac, abc, acc...
```

1.10 Ansehen von gefundenen Dateien

After searching a file you will automatically get onto this screen ←

```
.
```

In the big list you will see all files matching to the chosen filename (-pattern).

Below there are 12 user gadget that are free configurable. With these gadgets you can perform immediate actions with a selected file from the filelist above. You can start AmigaDOS programs (e.g. copy or delete), so you are able to copy, rename, delete a file from DArc. These actions are always related to the actual entry of the filelist.

(See

```
button configuration
for more)
```

Below there is a row of gadgets.

You can select which find results you want to see by pressing one of the buttons 1 (ST1), 2 (ST2) or 3 (ST3). Next to every button you can see the pattern/filename you entered. A white pattern shows that you are actually viewing the files matching to it.

Save: You can save the results of the find function with this button. The output is ASCII or AmigaGuide. Choose 'PRT:' as filename to print the results.

Config: A requester will open up where you can modify the

configuration of a user button
 . While it's open,
 you can't do anything in the find window.

Return: Return to {" main window " link mainscreen}

At the bottom of the screen there is another status line, where sometimes messages are printed out.

1.11 Button configuration

As already mentioned, the 12 user gadgets are free configurable. ←
 If you're

a

registered User
 , you can save the configuration.

There are 2 groups of commands that can be assigned to a button:
 internal and external commands.

Internal commands: built-in commands of DArc

External commands: AmigaDOS programs that are started with parameters, e.g.
 the chosen file. (for example 'run c:delete %file')

Discription of the gaggets in this window:

Load config: This will load a DArc buttonconfig file

Save config: This will save the current configuration as a DArc button-
 config file. (Only for
 registered users

Edit button: If you want to change the command or the parameters ←
 of a
 usergadget, press 'Edit button' and then the button you
 want to edit. A new requester will be opened for the

settings for a button

.

Copy button: Press this button, then the usergadget you want to copy and
 finally the usergadget you want the first gadget copied to.
 (WARNING: There is no security check if the destination button
 is already configured !!!)

Swap buttons: Press this button and then the two usergadgets you want to be swapped.

Delete button: Press this button and then the button you want to be deleted after a security check.

1.12 How to edit a usergadget

Name: Every gadget needs a name that will be displayed. (max. 10 ← Zeichen)

Type: Choose the type of the gadget (internal or external commands).

Internal commands are built-in functions of DArc.

External commands are AmigaDOS command that are started.

Command: Enter the command and the parameters of the button. Commands and command syntax are discribed in command syntax

with: choose, if this action will be performed with files only or also with dirs.

Pattern: You may also enter an optional pattern for the chosen file in the filelist. When the usergadget is pressed, the selected file will be checked to match the pattern. You can switch patternmatching on/off with the chekcxbox next to the string gadget.
(If you set pattern to '#?.lha', the action assigned to the button will only be performed if the selected file's name ends with '.lha')

Attention: Only a FILE, but not a dir will be checked to match the pattern.

If you enter an empty pattern and switch patternmatching on, the screen will flash at pressing OK, and you will see an error message in the title bar of the window.

Output: If you are calling an external command, it might happen that the program you are calling will print any output. Here you can choose whether the output is ignored, printed into a cli window or linked into a file.

File: The file the output is printed to.

Change dir: Since this function causes problems, it is disabled in this version.

If it is on, the current directory will be changed to the dir of the chosen file from the filelist.

File must exist: Switch this option on if you want an external command only to be executed, if the chosen file/path is existing.

Abort without : If there are any requesters to select parameters, it might happen that the user (you ???) cancels this requester. Switch this option on if command execution should be stopped after a canceled requester. Otherwise an empty string will be inserted.

security check: Sometimes it might be useful to have a security requester before executing a command. (for example 'delete')

Shanghai: If this flag is active, shanghai mode of the public screen mode is activated. This means that most programs started will open their windows on DArc's screen. MOST, since Multiview, for example, does not. (Use 'multiview %file PUBSCREEN DARC' instead)

OK: Use this button to leave the requester and use your new settings. It might happen that the requester won't close and the screen flashes instead. Then you made something wrong. Look at the title bar of the window to see what's wrong. The gadget containing your mistake will be activated, too. Having corrected it, you'll have to press OK again.

Cancel: Leave the requester without using the new settings.

1.13 command syntax

As you (should) already know, commands are divided into internal and external commands. ↔

Internal commands are functions built-in in DArc.
External commands are AmigaDOS commands that are started from DArc.

All commands are related to the selected file from the filelist.

command syntax:
=====

For internal commands it's enough just to enter the blank command. There are only 3 commands yet:

INFO: If the selected file is existing, a requester will put up. It will give you information about the file. (size, comment etc.)
If the file does not exist, DArc will tell you this in the status line.

CHECK: Same as INFO, but if a file does exist, DArc won't put up a requester but will inform you via the status line that the file does exist, but won't give you any further information.

WBINFO: Puts up the same requester that would appear if you would select the menu item 'Icons/Information' from Workbench menus.

To use one of these commands, set 'Type' to 'internal' and enter one of these commands as command.

externe Befehle:

Starting external commands is a bit more difficult, since these commands need one or more arguments to know the filename you selected.

So you can enter some argument functions in the command line. Before the command is executed, these functions will be replaced by the name of the selected file or other parameters.

Available argument functions:

(let's say the selected file is 'Work:S/Startup-Sequence')

Function: Will be replaced by:

```
%file      the complete name of the file ('Work:S/Startup-Sequence')
%fname     the name of the file itself ('Startup-Sequence')
%pname     the name of the path of the file ('Work:S/')
```

NOTE: The file/pathname won't be enclosed by quotes. If you want quotes, just write '"%file"' instead of '%file' etc.

There are also other functions that will be replaced by the result of a requester.

```
%fr        A filerequester will be opened. %fr will then be replaced by
           its result. (See also
           button config./abort without user pars
           )
```

```
%pr        Same as '%fr', but a pathrequester will be opened.
```

Examples for using these commands:

(Of course you must enter them without the ')

Copying a selected file to RAM:

```
Type: external  Command: 'c:copy "%file" to RAM:'
```

Deleting the selected file:

```
Type: external  Command: 'c:delete "%file"'
```

Unarchiving an archive into RAM:

```
Type: external  Command: 'c:lha e "%file" RAM:'
```

Unarchiving an archive into a user selected directory:

```
Type: external  Command: 'c:lha e "%file" "%pr"'
```

Using these functions it might be good to set the
pattern
to #?.lha.
So only LHA-archives will be proceeded.

Viewing an ASCII file:

Type: external Command: 'c:more "%file"'

I hope you understood this. If not, please read this part again. If just can't understand it, please write to me.

1.14 features

DArc is a powerful and a very fast filefinder. So if you don't know where you "lost" a file, you'll need DArc.

Features:

- There are 2 possibilities to use DArc:
 1. Searching directly in a directory or on a device.
 2. Scanning the contents of (hard-) disks or even CD-ROMs into files. Later these scanfiles can be searched for lost files. (=) Really A LOT faster than direct scan.)
- Multiscan function: All inserted disks are scanned. (=) Together with scanfiles the ideal way to manage your PD disks.)
- You can search for several files at the same time. You can also search for patterns. (eg. '#?.lha') (=) Saves time: searching 1x3 files is faster than 3x1 file)
- When you are watching the find results you will see another great thing about DArc: You can do things with the found files immediately via some user configurable buttons.

Examples:

You can copy a file to RAM:, unarchive archives (=) Amine-CD), delete a file, display a text file or a picture etc.

You can assign these buttons any AmigaDOS program.

There are also some internal commands. DArc can for example display an Info-Requester with some information about the file. (=) Quite similar to a dir util)

DArc is the ideal tools for all owners of harddisks, pd disks and is also a great help for CD-ROM users.

1.15 options

Here you can make some settings:

Standard path scanfiles: The path were you store your scanfiles.

Default : Language that should be used when no Catalog could be opened.
language Since v1.0 does not support catalogs yet, this is the used language.

Note: DArc will only look for the default language after it is started.
If you want to change the used language, select the language, save options file, quit DArc and restart it.

Statistics: With this you select when you want to see some statistics about the scanned device/directory.

'single drives only': Not in Multiscan, else it is shown
'always': Also in Multiscan
'never': Well, what might this mean...

ReqTools...

use: Activate this, if you want to see the nice ReqTools requesters. Else standard requesters will be shown.

IMPORTANT: You NEED Reqtools.library (© by Nico François) to run DArc, also if you want to see standard requesters.

Prog. indicator: Switch progress indicator during scan on or off. If it is switched off, you can abort a scan via <Escape>.

Load: Loads an options file.

Save: Saves your configuration into an options file.

If you want it to be loaded when DArc is started, it MUST be called 'S:DArc-Options'

OK: You can leave the requester and use the settings.

Cancel: Leave the requester without using the settings.

1.16 Registration

DArc is shareware and has got a few restrictions:

- Buttonconfig can't be saved
- Nerving requester will appear when you start DArc

If you'd like to have a full version, you can register.

registration fee:

in Germany: 20 DM
inside Europe: 15 US\$ or 20 DM
outside Europe: 15 US\$ or 25 DM

You can either pay by cash or by EURO(!)cheque. It's not possible to pay with any other currencies than DM or US\$.

Send your registration form to:

Frank Weber
Schlizstr. 53
74076 Heilbronn
Germany

In return you will receive the latest version of DArc together with a keyfile to use future versions as registered versions.

Always remeber:

=====

With your registration you help to support development of DArc and you also help to keep the AMIGA shareware market alive. If only a few people will register, I'll have to think about programming those f*cked PCs, since there I'd surely have many more people who would register.

Think about it !!!!!!!

1.17 credits

DArc was coded by Frank Weber, he was supported by Holger Kasten.
DArc is ©1995 by Frank Weber & Holger Kasten.

Credits:

=====

Idea: Holger Kasten & Frank Weber
Code: Frank Weber & Holger Kasten

Beta testing: Mirko Lumpp, Daniel Frank & Martin Kasten

Special thanks to all users who support DArc with their
registration

.

DArc uses the reqtools.library © by Nico Francois.

1.18 Bugs

No software can be absolutely error free, not even DArc. So if you'll find any bugs or DArc sometimes crashes on your system, please write me. Then I'll be able to fix the bug in the next release.

Write to:

Frank Weber
Schlizstr. 53
74076 Heilbronn
Germany

Please tell me the following things about your configuration:

Your Amiga model
Workbench/kickstart version
Processor
Guru nr. (if DArc crashes)
other running tools (e.g Toolmanager, MagicMenu, MyMouse, SuperDark...)

EXACT description of the bug, for example:

DArc crashes after starting the find function, if you enter a searchtext for ST1 and ST3, only files are found and case sensitivity is off.

and NOT: DArc might crash after starting the find function, if certain preferences are made.

(The mentioned bug does not exist, of course (I hope...)). It's only an example.)

1.19 history

The history of DArc

=====

On a hot summer day in 1994: The idea for DArc was born.

After a few weeks of hard work, the scan and find routine were complete.

Then in september 1994, DArc v0.5 was completed. It had a nice (?) gui, but was never released. This was the last version for a long time.

Then in February 1995, I decided that DArc would be worth to be released. So I (re-)started work at DArc which should contain a new gui and two complete rewritten scan and find routines. Together with a great (??) idea (the user gadgets in the

find
part) I worked at DArc v1.0.

#####

All released versions:

=====

V1.0: First public release (15.05.1995)

=====

1.20 Future development of DArc

Plans for development:

- Configurable scanbuttons in mainscreen (like 'dh0:'); also for multiscan devices)
- Better AmigaGuide® support (possibility to convert whole scanfiles into AmigaGuide format.)
- ARexx support. But I will only do this, if really MANY, MANY users will register - and YOU should be one of them.
- More internal commands
- More argument functions

(Most important things are on top)

Of course, I will only keep on developing DArc, if there will be enough people who are interested in DArc and
register
.