

07f1dd60-6

Daniel Schulz

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Chapter 1

07f1dd60-6

1.1 DailyBackup V2.21 (C)1995 by Daniel Schulz.

DailyBackup V2.2

An AMPIRE-Product.

Rules ~~~~~
for distribution.

What ~~
is it good for ?

Requirements ~
of your system.

Installation~~~~~
of this program.

Tips~&~extras~~~~~
shellstart etc.

Usage ~~~~~~
is very easy.

Author~~~~~
for bugreports etc.

Credits~~~~~

are going to...

History~~~~~ ~~~~~
of this program.

New~V2.21~ ~~~~~
in this release.

(C) Daniel Schulz 1995.

1.2 Rules for distribution for DailyBackup

DailyBackup V2.2 is freeware and freely distributable.

I reject any liability or responsibility for damages to your equipment or software or any other consequences from the use of this program.

Use it at your own risk ! :-)

You can publish the program in pd-series if no money is taken for it. But it would be nice, if you could ask the

author
before publishing !

Since version 2.0 the graphical user-interface is based upon MUI -MagigUserInterface- by Stefan Stuntz. Please read the ReadMe.mui included in this package !

1.3 Was und wofür ist DailyBackup gut ?

DailyBackup V2.1 ist no common backup-software.

All other bakup-programs are created to make a huge backup on a streamer or anything else.

DailyBackup is created for those, who are dealing with permanently changing or new files.

You can use DailyBackup to simply say, what directories or files you want to be controlled by DailyBackup, e.g. your sourcecodes, tables, high-scores etc. DailyBackup searches in these directories

or files for new or changed files and stores them in the way you wanted automaticly.

Of course you can select a packer of your own choice. You can do this via a parser. For a full backup simply press the button labeled

All~files

.

DailyBackup is a program to create a permanent backup easily.

1.4 Voraussetzungen für DailyBackup

Requierements forr DailyBackup is OS 2.04,
a
battery-buffered clock
and MUI 2.3.

Tested on following AMIGA`s: 1200-030-50/6
4000-030-25/6
4000-040-25/10.

(with OS 3.0, but there should be no problems with release 2.04 at all. If you do have problems, write to the
author
.

1.5 Extras for DailyBackup

- It is possible to call DailyBackup from a shell with parameters (the main window won`t appear in this case). So you can run this program via ToolManager or FKey or something like that.

DailyBackup
ALL
stores all files and
DailyBackup
NEW
stores all new/
changed files

Parameters have to be uppercase !

- Possibly DailyBackup later will support a timer-controlled backup. But you can use tools like Cron to control DailyBackup and make a backup for instance every 24 hours. (probably interesting for sysops, coders, and so on...)

- How mentioned above, it is possible to make a full backup with the option
All files
.
- With the
pattern
you can filter files with names, that match that pattern.(like `.info`-files)
- With the
Extensions
it is possible to backup a file, without overwriting a predefined number of old backup's of this file.
- Another possibility is to change normal (unpacked) files with the chosen
Packer
into packed files.

1.6 Usage of DailyBackup

```
-----  
| | DailyBackup |  
-----  
| | Backup |  
| ~~~~Files ~~~~  
|  
| ~~~~Options ~~~~  
| |  
-----  
| | | |
| | |-----|  
| | | Daily |  
| | | Backup |  
| | |-----|  
| | |  
| | | Save |  
| | |-----|  
| | |  
| | ~New ~Files |  
| | | |  
| | ~All ~Files |  
| | | |  
| | ~~~~Date ~~~~ |  
| | | |  
| | Preferences |  
| | | |
```



```
|-----|
|-----|
|
|   Last~Backup~from~31.08.95~17:31:38~ ~~~~~~
|   |
|
|   Cancel
|
|   Info
|
|   Quit
|
|-----|
```

```
ShortCuts      - see the GUI itself !
Shell-commands - see
                there
                !
```

1.7 Author of DailyBackup

DailyBackup V2.2

written by:

Daniel Schulz ('DSh')
of
AMPIRE!

(AMPIRE! is a group of friends who like the AMIGA)

For bugreports or other messages please write to

dschulz@informatik.tu-clausthal.de

or non-email (takes a bit longer...):

Daniel Schulz

LeibnizStr. 20
38678 Clausthal
Germany

1.8 Credits of DailyBackup

Credits for DailyBackup

Many thanks for supporting this project to following people:

Gregor Franz ('PSYBORG')

- AmigaGuide / BetaTesting / lots of ideas -

Ulrich Kirchner ('ULK')

- Tips/Hints -

Thomas Prang

- main idea -

Stefan Stuntz

- MagicUserInterface -

Eric Totel

- MUIBuilder -

1.9 History of DailyBackup

DailyBackup-Historie:

V 2.2	- Okt.95	Major-Update, Click~here !
V 2.1	- Sep.95	Major-Update, Click~here !
V 2.0	- Aug.95	Major-Update, Click~here !
V 1.7e	- Aug.95	Inkl. english version.
V 1.7	- Aug.95	Statusview extended, code optimized some minor changes
V 1.6	- Aug.95	All windows with backfill GUI changed a bit, mainwindow does not

		appear when calling from shell with parameters
V 1.5	- Aug.95	Messagehandling improved, GUI changed, info-requester added.
V 1.4	- Aug.95	Requester is warning if you leave the program with changed preferences.
V 1.3	- Jul.95	Bugfixing:Handling of Sourcelist corrected. Now shell-commands are supported.
V 1.2	- Jun.95	Bugfixing: GUI didnt work exactly. First distributed version.
V 1.1	- Dez.94	Very first version for testing only.

1.10 Installation von DailyBackup

Installation of DailyBackup V2.2:

Please copy the directory DailyBackup to your harddisk.
Now you can start the program with doubleclicking on it's icon or by calling it from a shell with parameters

.

1.11 Get

You just have to select the things you wanted to in this requester...

1.12 Add

Adds an entry to the list of files or directories to backup. You can enter a file a directory or even a device.

1.13 Remove

Removes an entry from the list of sources.

1.14 Save preferences

Saves your personal preferences for DailyBackup.
(backup-list, destination, packer and so on...)

If you forgot to save them and you want to quit
DailyBackup a requester will ask you to save
them now.

1.15 All files

Saves ALL files selected in the list of sources.
In this mode the creation-time will be ignored.

With this function full backups are possible.

1.16 Informationen

Shows some information about the program and the
people who helped me with this piece of software.

1.17 New Date

With this button you set the current time to the
time DailyBackup stores newer files.

All now created or new files will be saved, if
you press

```
New~files
```

.

1.18 New files

All new or changed files (since the last backup or
since the time you pressed

```
New date
```

```
) will now be
```

stored to

```
Destination
```

1.19 Cancel

Exactly the same as the close-gadget in the upper-left
corner: abort without saving the preferences.

1.20 Destination of the backup

Here you can select the destination of the backup. It's usefull to use the real name of the device for instance `BackupDisk:` and not `df0:`.

Of course you can select any other devices like harddisks or anything else you like.

1.21 Packer-arguments

DailyBackup's parser uses following parameters:

Parameter	Is replaced by...
<code>{Q},{q},{S},{s}</code>	Name of Source
<code>{P},{p}</code>	Name of destination (without creation of directories)
<code>{Z},{z},{D},{d}</code>	Name of destination (creation of directories)

The comand of the packer is exactly the same as you wuold type in a shell.

The source and the destination should not be given explicitly. (Except you want to create only one big .lha-file)

- To create the structure of source-directories on the destination you should choose following command:

```
LHA -xr r "{Z}.lha" "{Q}"
```

- To avoid creation of the structure of source-directories on the destination you should choose following command:

```
LHA -xr r "{P}.lha" "{Q}"
```

- or, if you want a single .lha-file:

```
LHA r <path+filename> "{Q}"
```

You have to fill out <path+filename> for yourself. The stringgadget

```
Destination
is useless in this case.
```

The parameter {Q}, {Z} and {P} will be replaced for every chosen file.

All parameters should be put into quotation marks like this "{Q}" 'cause there could be spaces in the filenames.

To activate the packer click on
 Activate packer

.

1.22 Aactivate packer

If you want DailyBackup to backup the files you want compressed you should activate this gadget. You also have to specify a
 packer-string
 in that case.

1.23 Date-display

Here the date of your last backup is displayed.

With the botton
 Date
 it is possible to
 change that date to the current date without a backup.

1.24 Pattern

Here you can select a pattern to filter out some files you want or you dont want to be stored.

The pattern is an Amiga-DOS-pattern.
 A few examples:

Gurke#? - Names starting with 'Gurke' and any end
 #?.Depp - Names ending with '.Depp' and starting with anything
 ~(#?Murks) - All names, not ending with 'Murks'
 [A-C]#? - All names, starting with A, B or C and ending with anything

Separator between different patterns is: `|` .

See also Amiga-DOS-Manual for details.
 (Chapter 1-12 in the german edition)

1.25 Quit

Beendet das Programm und überprüft dabei, ob die Prefs geändert wurden. Wenn dies der Fall sein sollte, erscheint ein Requester.

1.26 History V2.0

DailyBackup V2.0-History:

- V 2.0 - Aug.95 First MUI-release
- V 2.01 - Aug.95 Creating source-directories on destination
- V 2.02 - Aug.95 Replaced MakeDir-command by CreateDir of the DOS-library
- V 2.03 - Aug. 95 Statusview changed and expanded
Bugfixing: changed prefs handled wrong
- V 2.04 - Aug. 95 pattern added, resulting: new preferences-file
Bugfixing: sourcelistfuncion and 1.start without prefs caused a crash
- V 2.05 - Aug. 95 Bugfixing of the pattern
Since version 1.7e the next distributet version
- V 2.06 - Sep. 95 Selection of packer simplified, new parameter {P} or {p}
IMPORTANT: DailyBackup needs 8192 bytes on the stack
Bugfixing: Now DailyBackup quits from anywhere when using Exchange to remove DailyBackup.

1.27 History V2.1

DailyBackup V2.1-History:

- V 2.1 - Sep.95 Support of locale-library
English intern, german catalog provided.
 - V 2.11 - Sep.95 English guide now ready
a few minor changes.
 - V 2.12 - Sep.95 Statistics added, backup-window now
-

- opens earlier and shows activities.
- V 2.13 - Okt.95 Statistics-window improved (number of files filtered out and a small gfx added), code optimized
Bugfixing: Backup-efficiency was calculated wrong
Cancel-button did not react while counting entries, sttistics appeared when uitting backup
- V 2.14 - Okt.95 New preferences-file (compatible to future releases), pattern now for each entry separatly.
Bugfixing: on 030-machines deletion of the last entry caused a guru-meditation...i finally removed that error !

1.28 New in this release

DailyBackup V2.21

- This is the last release with changed preferences ! So you have to put in your settings only once again !
The preferences-file now is comptible to future releases.
- The
 GUI
 has changed in many ways, because
ther are many new features.
- The
 pattern-function
 now can be specified for
each entry.
- Absolutely new is the
 extension-function
 .

With this feature you can backup a file WITHOUT overwriting a number of specified old backups of this file.

So you are able to keep 10 (or something like that) copies of one file `testfile`:

`testfile_0`, ..., `testfile_9`

So you can restore a file you backed up 7 backups ago.

1.29 Choose packermode

A popup-menu opens and you should select one out of following compression-modes:

```
LHA ... into separate files (with directory-creation)
LHA ... into separate files (without directory-creation)
LHA ... into one file (CAUTION: multiple-save-mode
                       NOT available in this mode!)
```

For further details of the packer-selection, see
packer-arguments

1.30 Usage of DailyBackup

```
-----
| | DailyBackup |
-----
| |
| | ~~~~~Backup~~~~~
| | |~~~~Files ~~~~|
| | ~~~~~Options ~~~
| | |
| |-----|
| | Files or directories to save... |
| |-----|
| |Work:C++/Sourcecodes/ |
| |Games:DeluxeGalaga/HeroList/ |
| |Texte:Briefe/ |
| | |
| | |
| |-----|
| |Work:C++/Sourcecodes/ |
| | Get |
| | |
| |-----|
| |
| | Add | |
| | | Pattern |
| | ?#Quark~~~~~ |
| | |
| |
| | ~ Remove~~ | |
| | | Extension |
| | |[0-9]of_9~~~~~ |
| | |
| |-----|
| |
| | Last~Backup~from~31.08.95~17:31:38 ~~~~~~ |
| | |
| |
```

```

Cancel

Info

Quit
|
-----

ShortCuts      - see the GUI itself !
Shell-commands - see
                there
                !

```

1.31 Usage of DailyBackup

```

-----
| | DailyBackup |
-----
| |
|   ~~~~Backup~~~
|   |
|   ~~~~Files  ~~~~
|   |~~~Options ~  | |
| ----- |
|         |
|         Choose destination and packer:
|         |
|         Destination
|         |
| Backup-Disk~::~::~::~::~::~::~::~::~::~::~
|
| ~G~
|   |
|         activate packer
|
| ~@~
|   |
|
| LHA~r~::~::~::~::~::~::~::~::~::~::~
|
| ~!~
|   |
| ----- |
|         Multiple-Save-Option:
|         |
|
| ~@~
|   Highest number is newest copy
|
| ----- |
|
| Last~Backup~from~31.08.95~17:31:38
|

```

```

|
|
|
|      Cancel
|
|      Info
|
|      Quit
|
-----

ShortCuts      - see the GUI itself !
Shell-commands - see
                there
                !

```

1.32 Extension

For every entry in the source-list you can specify an extension-string.

This extension simply is appended at the end of the filename. But the extension is not a constant string. It can change from one backup to another. So you can get a number of backups from ONE file, but lets have a look on an example:

Extension	Created filenames
1. `_[0-9]`	- FILE_0 ; FILE_1 ... FILE_9
	-In this case 10 copies of FILE will be created (Only one copy in each backup-session). In the first backup you will get FILE_0, in the second backup FILE_1 and so on...
	-If the maximum of the chosen extensions is reached, DailyBackup will overwrite the oldest copy of FILE.
2. `_copy_[0-4]_of_4`	FILE_copy_0_of_4 ... FILE_copy_4_of_4
3. `-[a-z]`	- FILE-a ; FILE-b ... FILE-z

-Here 26 copies would be created, before the oldest copy would be overwritten.

-> The extension is any string with following restrictons:

After `[` has to be a SINGLE character or number followed by a `-` (minus) followed by another SINGLE character or number. After that a `]'` is expected.

The order of the numeration is defined by the ASCII-code:

0-9, A-Z, a-z - more than 60 copies of one file are possible. That should be enough ;)

-> That function is also possible for compressed files. But only, if one of the following strings are used in the packer-definition:
 {D}, {d}, {Z}, {z}, {P} or {p}
 AND they have to be surrounded by quotes !
 Dailybackup needs to know, what suffix the packer uses and looks for the suffix in the packer-string.

Example: LHA -Option "{D}.lha" "{S}"

^ ^

These quotes and the suffix .lha are VERY important !!!

If there is any error in these strings, DailyBackup turns off the multiple-save-mode.

If you use the
 automatic-packer-selection
 and choose one of the first two modes there should be no problems.

1.33 Multiple-Save-Option

If you activate this option, you tell DailyBackup to backup a file in that way, that a copy of this file saved in the last backup gets the highest number.

If you deactivate this option, DailyBackup will overwrite the oldest copy of that file only - without re-naming all the other files.

See

Extensions
 for further details.

1.34 Uhr?

...if you do not have an internal clock, or your clock is out of order you can reset your clock before every backup-session.

(`Prefs/Time` to `WBStartup`)

But for this you have to look at an `external` wristwatch ;)

1.35 History V2.2

DailyBackup V2.2-History:

- V 2.2 - Okt.95 Multiple-save-mode for uncompressed files added (Extension). GUI improved (changed nearly everything).

 - V 2.21 - Okt.95 Multiple-save-mode available now for single-packed files too. New option included: `Highest number is newset copy`
-