

Newest@database

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	<i>TITLE :</i> Newest@database		
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REVISION HISTORY

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Chapter 1

Newest@database

1.1 Newest.guide

```
=====  
Newest 1.1  
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```

```
Introduction  
System requirements  
Installation  
Program Usage  
Examples
```

```
Acknowledgements  
Legal Stuff  
Program history  
How to reach the author
```

1.2 Newest.guide/Introduction

```
Introduction
```

"Newest" is a really tiny utility (376 bytes) to determine the newest file of a directory.

"Newest" supports pattern matching and piping.

1.3 Newest.guide/System requirements

```
System requirements
```

Newest needs OS 2.0 (V37) or higher to operate

1.4 Newest.guide/Legal stuff

Legal stuff

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1.5 Newest.guide/Installation

Installation

Simply copy it to your c:-directory or any other directory in your path. That's it ;-)

1.6 Program Usage

Program Usage

Newest can only be started from the CLI. It has a single parameter defining the directory or pattern to be searched. If you give a directory as parameter, this directory *and* all its subdirectories will be scanned for the newest file.

If you give a pattern, only the given pattern will be scanned, not the subdirectories.

Examples:

```
Ram:> Newest c:
```

Returns the full path of the newest file in the c:-directory (and its subdirectories).

```
Ram:> Newest mail:inbound/#?new#?.lha
```

Returns the full path of the newest file in the mail:inbound/ directory, containing "new" and ending on ".lha".

NOTE: You may abort "Newest" by pressing CTRL-C.
If any error occurs or "Newest" is aborted, it will return no file but a return code of 20 (RETURN_FAIL).

Of course you may do many other things with "Newest" like extracting the latest archive of a directory, or playing your latest sound module.

The "OLDEST" Option

Since V1.1 you may use the option "OLDEST" to find the oldest instead of the newest file of the directory or pattern to be searched.

1.7 Examples

Examples

I'm often filerequesting the newfiles from fido-compatible systems, and made a script using "newest" making it very easy to read the newfiles. First I've added an Alias to quickly start the batch-file "s:ExtractNewfilelist" to my "s:shell-startup":

```
Alias Nx execute s:ExtractNewfilelist
```

This is the batch-file "s:ExtractNewfilelist":

```
failat 11
lha x -m -E -k `Newest mail:inbound/#?new#?` trash:
ed `Newest trash:#?new#?`
```

Everywhere in the script, `Newest` is replaced by its result. This is called piping. Pipe commands are enclosed in "`".

Important: Note the difference between "`" and "'". The right pipe-character is found on the key above the TAB-key (at least on the German keyboard).

But back to the example. Let's say the most recently requested file is called newfiles.lha,2. The Lha-command will extract its contents to the Trash:-directory. The "-E" option will touch the files so that the date of the file reflects the time of extraction.

The next line will load the file-list into the editor.

Note that everything you had to do for that, was to type "Nx" in the shell :-)

1.8 Acknowledgements

Special thanks go to:

- Martin Kuhne and Alexander Görig for their GetNewest which inspired me to write a shorter version called Newest in Assembler
- Gerhard Müller for betatesting and his great ADHelp
- Christian Buchner for betatesting and BaudBandit.device.

1.9 Newest.guide/How to reach the author

How to reach the author

If you have any questions about Newest you can reach me in AmigaNet. Please write a crashmail to Stefan Hochmuth at 39:171/207.42, since the link is very unreliable at the moment.

Send ideas, registrations for Event! and bugreports to:

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Deutschland

1.10 Newest.guide/Program History

Version 1.0

- written on 03-Feb-94
- first public release on 4-Jun-94

Version 1.1

- done on 28-Mar-95
 - implemented the "OLDEST" option (suggested by Alexander Reifinger)
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