

**Newest@database**

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	<i>TITLE :</i> Newest@database		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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## Chapter 1

# Newest@database

### 1.1 Newest.guide

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

Introduction  
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### 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

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## 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

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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 "`".

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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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