

# **ThumbNail**

Holger Voss

**COLLABORATORS**

	<i>TITLE :</i> ThumbNail		
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WRITTEN BY	Holger Voss	August 15, 2022	

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# Chapter 1

# ThumbNail

## 1.1 ThumbNail.Help

ThumbNail Version 1.0

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ThumbNail creates Contents-Images from a list of images in various file-formats.

For each image a thumbnail is created, then these small images are merged to one or more Contents-Image(s).

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## 1.2 Introduction

Introduction

You have lots of images in your software collection and sometimes you can't remember the name of a specific picture? Then ThumbNail is the right tool for you!

ThumbNail reads images in various file-formats specified by a list, scales the pictures (with correct aspect) to thumbnails and merges them to a Contents-Image. In addition file-name and resolution is printed to the image. ThumbNail is highly configurable, but is ready to use, because of the default settings. Sorry, currently there is no user-interface, maybe there will be one in the next release (if there are some users who demand it!).

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## 1.3 System-Requirements

System-Requirements

Macrosystem Retina Gfx-Board,

retina.library,

multipic.library,

ixemul.library (if you still miss it, have a look at aminet/dev/gcc),

some RAM.

## 1.4 Useage

Useage

Currently there are two versions of ThumbNail: One for plain 68000 Amigas named ThumbNail and the other one for 68030/68881 or better named ThumbNail030-881.

Start Thumbnail from shell:

Thumbnail [-(dhlmnostwx)?]

## 1.5 Options

Options

All command-line options consist of a '-' and a character immediately followed by an integer constant or a character string. Below \$ stands for a character string and # means an integer number.

? Print help message

-d\$ Base Directory for the images, should end with '/' or ':'.

If all images in the list-file are located in the same directory

you may ommit the path and use instead the -d option.

Example: -dDH0:Pictures/

Default:

-h# Height of the Contents-Image.

Example: -h600

Default: 768

-l\$ List-file containing the images to be processed, one image per line.

Specify the full path to each image, or use the -d option instead.

Example: -lMyList.lst

Default: <PROGNAME>.lst

-m# Retina-screen depth (16 or 24 Bit). The output format of the Contents-Images is independent of the screen depth, it is always

24 Bit. Use -m16 for higher resolutions with less flicker.

Example: -m24

Default: 16

-n# Number of thumbnails per line.

Example: -n8

Default: 6 (There will be 6\*6 thumbnails per Contents-Image)

-o\$ Basename of Contents-Image. Output-format is 24-Bit ILBM.

ThumbNail appends \_i with i=1...n and an extension specified via -x option.

Example: -oMyContents

Default: <PROGNAME>

-s# Do scaling when # is 1, use existing thumbnails if # is 0.

If you want to use already existing thumbnails, the list-file should contain the names of the original (unscaled) images.

Example: -s0

Default: 1

-t\$ Extension of thumbnails. This is appended to the original file-name.

Example: -t.small

Default: .tn

-w# Width of the Contents-Image.

Example: -w800

Default: 1024

-x\$ Extension of Contents-Images. This is appended to the basename (in addition to a number). See -o option.

Example: -x.big

Default: .toc

## 1.6 Log-file

Log-file

There will be a log-file called '<basename>.err' in which all errors occurring are logged. In addition the size of the thumbnails is noted. This might be useful if you want to create thumbnails with other software like ADPro. (This might happen if you want to process GIF-Images because this file-format isn't supported by multipic.library so far, and can't be handled by ThumbNail therefore).

## 1.7 List-file

### List-file

The images in the List-file are processed by ThumbNail. There should be one file-name per line, no blank lines, please. All file-formats multipic.library is able to handle are supported. If ThumbNail can't open a specified file there will be an error-message and a remark in the log-file. If all specified images are located in the same directory you may omit the whole path and just type the file-names. Then you should use the -d option to specify the path to the images.

## 1.8 Example

### Example

You have a directory 'DH0:Pictures' with lots of images.

Create a list-file:

```
list DH0:Pictures >t:l
```

```
sort t:l mylist.lst
```

Check the list-file and remove the lines

```
.. files - .. directories - ... blocks used
```

Directory "DH0:Pictures" on ....

Start ThumbNail, set the output base-name to 'Contents' and specify the path to the images:

```
ThumbNail -lmylist.lst -dDH0:Pictures/ -oContents
```

Depending on the number of images in the directory, ThumbNail creates one or more files named 'Contents\_1.toc', 'Contents\_2.toc', ...

In addition you find for each picture a file called '<picture-name>.tn'. This is the small (scaled one). You may delete all .tn-files, or keep them for later use. If you specify the -s0 option, ThumbNail will read the .tn-files and will not perform scaling. This results in short processing time.

## 1.9 Author

### Author

Please send suggestions, bug-reports and your latest handmade Retina-Software to

Holger Voss

Muehlenweg 32

37136 Seeburg-Bernshausen

Germany

email: holger@umpds2.gwdg.de

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