

Cataloger

Felix C. Coronado

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COLLABORATORS

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Chapter 1

Cataloger

1.1 Cataloger 1.95

Cataloger 1.95

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ARexx script to graphically catalog image files
For use with The Art Department Professional v2.x or MorphPlus

Copyright & Distribution

Disclaimer

Introduction

Requirements

Important Information

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Using It

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History

Other Stuff by Felix Coronado

1.2 Cataloger 1.95

Copyright & Distribution

Cataloger is copyright 1994, 1995 by Felix C. Coronado. All rights

reserved.

Cataloger is Freeware and it may be distributed only if:

1. It is in its original unmodified form.
2. It is accompanied by the following three files, all of which must be in their original unmodified form:
Cataloger.guide
Examples.iff
Examples.doc
3. Nothing is charged for it, other than the cost of the media and nominal duplication fees.

Any distribution of Cataloger that does not meet all of the above requirements must have the prior written permission of the author (Felix C. Coronado).

Permission is granted to include Cataloger in Fred Fish's Amiga Disk Library (including CD ROM versions of it) and the AmiNet CD ROMs.

1.3 Cataloger 1.95

Disclaimer

This program (Cataloger) comes with no warranty, either expressed or implied. The author (Felix C. Coronado) is in no way responsible for any damage, loss, or ill-effects directly or indirectly caused by the usage of this program.

1.4 Cataloger 1.95

Introduction

Cataloger creates catalog-pictures, made up of scaled-down versions of images selected by the user, for the purpose of viewing and/or identifying several images at once.

Files can be chosen manually, by directory, or from an external list of files or a FRED Sequence file.

Cataloger can catalog nearly any type of image that ADPro/MorphPlus supports (including DCTV images if you have the dctv.library version 3.48 or later and the ADPro Rendered_To_Raw operator version 3.0.4 or later).

Cataloger has many user-definable settings that allow the creation of different styles of catalogs (see the files "Examples.iff" and "Examples.doc", which should have been included with Cataloger and this

documentation). Favorite combinations of settings can be saved in user-specified settings files, for later use, by using Cataloger's "Save As" and "Load" features.

All stages of the cataloging process are performed on 24-bit (for color catalogs) or 8-bit (for grayscale catalogs) data for the best possible results.

The completed catalog-picture(s) can be saved in nearly any format that ADPro/MorphPlus supports (including DCTV).

1.5 Cataloger 1.95

Requirements

1. ARexx
 2. Libraries (in your LIBS: directory):
 - rexsupport.library
 - dctv.library - If you want to save catalog-pictures in DCTV format (Version 3.48 or later if you want to catalog DCTV images)
 3. Art Department Professional version 2.x or MorphPlus (any version?)
 - A. Loaders: Universal
 - Backdrop
 - IFF
 - The loaders for the types of images you want to catalog
 - B. Savers: IFF
 - The saver you want to use when saving completed catalog-pictures
 - C. Operators: Rendered_to_Raw - (Version 3.0.4 or later if you want to catalog DCTV images)
 - Text_Visual - If text is On
 - Rectangle - If any of the following are true:
 1. tile borders are On
 2. thumbnail borders are On
 3. text is On and the highlight mix percent is greater than 0
 - Color_to_Gray - If creating a grayscale catalog from color images
 - Gray_to_Color - If creating a grayscale catalog rendered in an Amiga-specific mode (EHB, HAM, HAM-8)
 - DCTV - If you want to save catalog-pictures in DCTV format
 - D. ADPro's/MorphPlus' image buffer large enough to hold the larger of following:
-

1. The largest image to be cataloged
 2. An image the size and type (color or grayscale) of a completed catalog-picture
4. T: assigned to a directory (preferably RAM:T) with approximately
CatalogWidth x CatalogHeight x 4 (for a color catalog)
or
CatalogWidth x CatalogHeight x 2 (for a grayscale catalog)
bytes of free space (slightly less should be OK) to store Cataloger's
temporary files.
5. AmigaDOS Commands (in your C: directory):
Delete
Run - If you want to start ADPro/Morphplus from within Cataloger

1.6 Cataloger 1.95

Important Information

See

History
for new features

If you want to start using this script without reading the documentation, and are wondering what files will be created by it, here a list:

1. Cataloger settings files you save using the "Save As" feature
2. Temporary files in your T: directory that will automatically be deleted when Cataloger exits
3. Catalog-pictures you create
4. File lists (see
ENVARC:Cataloger.config
)

In the case of settings files and catalog-pictures, you will be asked to specify filenames and will be notified if Cataloger tries to overwrite an existing file.

Cataloger 1.95 can use settings files created by version 1.2 and later, but settings files saved by version 1.95 can not be used by earlier versions.

If files are not being displayed in Cataloger's file requesters, you may need to adjust the pattern in the Pattern or Hide and Show fields of the file requester.

1.7 Cataloger 1.95

Installation

1. Copy Cataloger to ADProScripts:, ADPro:Operators2,
 New Versions
 ADPro:Commands2, or elsewhere.
2. Assign ADPro: to your ADPro/MorphPlus directory if this is not already done.
3. (Optional)
 Create the file
 ENVARC:Cataloger.config

1.8 Cataloger 1.95

Using It

If you want to make a rendered catalog-picture you should adjust the ADPro/MorphPlus render settings (screen, colors, dither, etc.) before starting Cataloger.

```
***** IMPORTANT *****
*
*           New Versions
*           If any of the images you are cataloging are DCTV images,
*           or if Text is On and Image Colors is On, you should make
*           sure that ADPro's render screen depth is unlocked (if it is
*           locked, DCTV images will not be recognized as such and tile
*           text will not display the correct number of colors in
*           rendered images.
*****
```

Start Cataloger using the instructions for launching ARExx scripts in your ADPro/MorphPlus manual, or any other method you can think of.

```
***** IMPORTANT *****
* If you don't start Cataloger from within ADPro/MorphPlus, you should
* make sure that the "Drawer" field in Cataloger's file requesters contains
* a complete path (not just one or more directories, but a volume name as
* well) before you select a file. If you don't, Cataloger may not be
* able to locate the file that you select.
*****
```

Once it is running, Cataloger will look for the default settings file (as defined in

ENVARC:Cataloger.config
). If that file is not found,

Cataloger will display a requester telling you so, and use its internal defaults. You will then be presented with the
 Main Requester
 .

1.9 Cataloger 1.95

Main Requester

New Versions

Note: You may need to increase the height of ADPro's screen if you can't see all of the settings. ↔

-
1. Catalog entire/partial directory, ignoring icons/non-icons/none
 - catalog all the files in a directory or pick files manually and
 - skip files ending in ".info", skip files not ending in ".info", or try to catalog all of the selected files

Old Versions

Cataloger will automatically ignore icons

or

Catalog from unsorted/sorted

file list

/Sequence file

- catalog files listed in an external file list
- or a FRED Sequence file

and

- catalog them in the order they appear in the file or sorted alphabetically

2. Preserve image aspect: Yes/No
 - the images in the catalog-picture(s) will keep their original image aspect or will be stretched to fill the entire thumbnail area
 3. Catalog type: Color/Gray
 - the completed catalog-pictures will be in color or grayscale
 4. Catalog size:
 - the width x height of the catalog (in pixels)
 5. Background color (R G B) or (G):
 - the red, green, and blue (R G B) values or gray (G) value used for the catalog background color
 6. # of tiles
 - the width x height of the catalog (in tiles)
 7. Tile size
 - the width x height of each tile (in pixels)
 8. Text: On/Off
 - a filename will or will not be added to each tile
 9. Position: Top/Bottom left/center/right
 - the position and alignment of the text in each tile.
 10. Image size: On/Off
-

- the dimensions of the original image will or will not be added to the text in each tile
11. Image colors: On/Off
 - the number of colors in the original image will or will not be added to the text in each tile
 12. Font:
 - the name and size of the font to be used for text
 13. Text color (R G B) or (G):
 - the red, green, and blue (R G B) values or gray (G) value of the color used for the text in the catalog-pictures
 14. Mix highlight:
 - the percent that the colored box (the text highlight) behind the text will be mixed with the tile image
0%=no highlight 100%=full highlight
 15. Highlight color (R G B) or (G):
 - the red, green, and blue (R G B) values or gray (G) value used for the text highlight color
 16. Thumbnail type: Large/Small
 - the thumbnail area is the entire tile or is restricted to the area of the tile not occupied by text
 17. Thumbnail processing: On/Off
 - Custom processing of thumbnails is enabled or disabled
(See line 1620 of Cataloger and
 Edit
)
 18. Tile borders: On/Off
 - a 1-pixel border will or will not be drawn around each tile
 19. Thumbnail borders: On/Off
 - a 1-pixel border will or will not be drawn around each thumbnail
 20. Border color (R G B) or (G):
 - the red, green, and blue (R G B) values or gray (G) value used for the border color
 21. Save format:
 - the name of the Saver to use when saving the completed catalog-picture(s)
 22. Save image type: Rendered/Raw
 - the type of image data to save, rendered or 24- (or 8-) bit
 23. Saver opts: On/Off
 - allows or disables the use of saver opts
 24. Opts:
 - the saver opts to use if saver opts are On
 25. File extension:
 - the text that will be appended to the base filename and number of a
-

completed catalog-picture when it is saved

The requester gives you the following options:

Use

- Accepts the current settings

Load

- Allows you to load a previously saved settings file

Edit

- Allows you to edit the current settings

Save As

- Allows you to save the current settings

Quit

- Quits Cataloger

Old Versions

The Main Requester will contain the same information shown above, although it will be organized differently.

OK - One the following options:

Use

- Accepts the current settings

Load

- Allows you to load a previously saved settings file

Edit

- Allows you to edit the current settings

Save As

- Allows you to save the current settings

Quit

- Quits Cataloger

Cancel - Changes the function of OK

1.10 Cataloger 1.95

Use

If you chose to catalog an entire directory, Cataloger will display a requester asking you to select the directory to catalog.

OK - Accepts the directory.

Cancel - Returns you to the

Main Requester

.

If you chose to catalog a partial directory, Cataloger will display a requester asking you to select the files to catalog (select multiple files by holding down the SHIFT key while you click on filenames in the requester).

OK - Accepts the file(s).

Cancel - Returns you to the
Main Requester

.

***** IMPORTANT *****

*

Old Versions

Cataloger will not work properly if you are cataloging a *
partial directory and select only one file. *

If you chose to catalog files from a
file list
, a requester will be
displayed asking you to select a
file list
containing the names of the
files to be cataloged.

OK - Accepts the list file.

Cancel - Returns you to the
Main Requester

.

If you chose to catalog files from a Sequence file, a requester will be displayed asking you to select a Sequence file listing the files to be cataloged.

OK - Accepts the Sequence file.

Cancel - Returns you to the
Main Requester

.

After selecting the images to catalog, a requester will be displayed asking you to select the base filename for the catalog- picture(s). The number of the catalog and the user-defined file extension will be appended to the base filename when the catalog-picture is saved.

OK - Accepts the base filename.

Cancel - Returns you to the
Main Requester

.

***** IMPORTANT *****

* If you are saving the catalog-picture(s) in a format where a filename *

* would not be applicable (like a printer or graphics card), you must *

* still select a base filename even though it will not be used. *

The requester gives you the following options:

New Versions

Cataloger will open a window on the same screen as ADPro for its text output.

Old Versions

Cataloger will open a window on the default public screen for its text output and move the ADPro/MorphPlus screen to the back.

If you chose to catalog an entire or partial directory, the files will be sorted alphabetically, excluding any files that you chose to ignore.

If you chose to catalog files from a sorted list or Sequence file, the files will be sorted alphabetically by filename, the paths of the files will not be taken into account (the actual list or Sequence file you use will not be modified in any way).

If you chose to catalog files from an unsorted list or Sequence file, the files will be cataloged in the order that they appear in the list or Sequence file.

The cataloging process will then begin. The text in the window shows the status of the cataloging process. If Cataloger can not load one of the files, it will display an error requester, go on to the next file, and adjust the text in the output window accordingly. When the cataloging process is finished, you will be returned to the

Main Requester

.

1.11 Cataloger 1.95

Load

Load will display a requester prompting you to select a file, created by Cataloger's

Save As

feature, from which to load Cataloger's settings. You will then be returned to the

Main Requester

.

1.12 Cataloger 1.95

Edit

If you choose to edit the settings, you will be presented with the following series of requesters:

```
Do you want to catalog: -----
An entire directory?
A partial directory
From a
    file list
    From a FRED Sequence file
```

Entire - Catalog all files in a directory.

Partial - Catalog only the files you select in a directory.

List - Catalog files from an external
file list
Sequence - Catalog files from a FRED sequence file.

New Versions

If you chose to catalog an entire or partial directory, you
will be presented with the following requester:

What type of files do you want to ignore? -----

- Icons - When you select a directory or files to catalog,
Cataloger will not catalog any files ending in
".info".
- Non-icons - When you select a directory or files to catalog,
Cataloger will not catalog any files not ending
in ".info".
- None - When you select a directory or files to catalog,
Cataloger will not ignore any of the files.

Old Versions

This requester will not appear but icons will automatically
be ignored.

If you chose to catalog from a
file list
or a Sequence file, you will be
presented with the following requester:

Do you want the files to be alphabetically sorted? -----

- Yes/OK - The files will be sorted alphabetically by filename (the path
will not be taken into account)
 - No/Cancel - The files will be cataloged in the order that they appear in
the list or Sequence file.
-

Do you want to preserve the original image aspect? -----

- Yes/OK - The images in the catalog-picture(s) will retain the image
aspect of their original.
 - No/Cancel - The images in the catalog-picture(s) will be stretched to fill
their entire thumbnail area.
-

What type of catalog do you want to make? -----

- Color/OK - The catalog-picture(s) will be in color.
 - Gray/Cancel - The catalog-picture(s) will be in grayscale.
-

Catalog width -----

Enter the width in pixels for the catalog-picture(s).

- OK - Accept the catalog width.
- Cancel - Restore all settings to their previous values and return to the

Main Requester

.

Catalog height -----

Enter the height in pixels for the catalog-picture(s).

OK - Accept the catalog height.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.

If you chose to make the catalog-picture(s) in color, you will be presented with the following series of requesters:

Background color (Red) -----

Enter the amount of red in the color used for the background of the catalog.

OK - Accept the red value.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.
Background color (Green) -----

Enter the amount of green in the color used for the background of the catalog.

OK - Accept the green value.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.
Background color (Blue) -----

Enter the amount of blue in the color used for the background of the catalog.

OK - Accept the blue value.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.

If you chose to make the catalog-picture(s) in grayscale, you will be presented with the following requester:

Background color (Gray) -----

Enter the gray value to use for the background of the catalog.

OK - Accept the gray value.
 Cancel - Restore all settings to their previous values and return to the

Main Requester

.

 # of tiles in width -----

Enter the number of columns of tiles (images) to put in the catalog-
 picture(s).

OK - Accept the number of tiles.
 Cancel - Restore all settings to their previous values and return to the

Main Requester

.

 # of tiles in height -----

Enter the number of rows of tiles (images) to put in the catalog-
 picture(s).

OK - Accept the number of tiles.
 Cancel - Restore all settings to their previous values and return to the

Main Requester

.

 Tile width -----

Enter the width in pixels of each tile.

OK - Accept the tile width.
 Cancel - Restore all settings to their previous values and return to the

Main Requester

.

 Tile height -----

Enter the height in pixels of each tile.

OK - Accept tile height.
 Cancel - Restore all settings to their previous values and return to the

Main Requester

.

 Do you want text to be enabled? -----

Yes/OK - The name of the original image will be added to each tile.
 No/Cancel - All text and its highlight will be omitted from the catalog-
 picture(s).

 If text is On, you will be presented with the following series of
 requesters:

Where do you want the text to appear on each tile? -----

Top/OK - The text will appear at the top of each tile.
Bottom/Cancel - The text will appear at the bottom of each tile.

Where do you want the text to be aligned on each tile? -----

Left/OK - The text will appear on the far left of each tile.
Center/OK - If the text includes the image size and/or image colors, the filename will appear at the far left and the image size and/or the image colors will appear at the far right of the tile. If the text only contains the filename, it will be centered on the tile.
Right/OK - The text will appear on the far right of each tile.

Old Versions

Cancel - Changes the function of OK

Do you want the text to include the image size? -----

Yes/OK - In addition to the original image's filename, the text will include the original image's dimensions.
No/Cancel - The image size will not be added to the text.

Do you want the text to include the number of colors in the image? -----

Yes/OK - In addition to the original image's filename, the text will include the number of colors (2, 4, 8, 16, 32, 64, 128, 256, EHB, HAM, HAM8, 8-bit, or 24-bit) in the original image.
No/Cancel - The number of colors in the image will not be added to the text.

Font -----

Enter the name of a font (bitmapped or scalable) in your FONTS: directory to use for text in the catalog-picture(s).

OK - Accept the font.
Cancel - Restore all settings to their previous values and return to the

Main Requester

.

Font size -----

Enter the size of the selected font to use for text.

OK - Accept the font size.
Cancel - Restore all settings to their previous values and return to the

Main Requester

.

If text is On and you chose to make the catalog-picture(s) in color, you

will be presented with the following series of requesters:

Text color (Red) -----

Enter the amount of red in the color used for the text in the catalog.

OK - Accept the red value.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.

Text color (Green) -----

Enter the amount of green in the color used for the text in the catalog.

OK - Accept the green vaue.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.

Text color (Blue) -----

Enter the amount of blue in the color used for the text in the catalog.

OK - Accept the blue value.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.

If text is On and you chose to make the catalog-picture(s) in grayscale,
you will be presented with the following requester:

Text color (Gray) -----

Enter the gray value to use for the text in the catalog.

OK - Accept the gray value.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.

Text highlight mix % -----

Enter the percent to mix the text highlight with the tile image.

0%: no highlight 100%: full highlight

OK - Accept the highlight mix percent.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.

If text is On, the text highlight mix percent is greater than 0, and you chose to make the catalog-picture(s) in color, you will be presented with the following series of requesters:

Highlight color (Red) -----

Enter the amount of red in the color used for the text highlight.

OK - Accept the red value.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.

Highlight color (Green) -----

Enter the amount of green in the color used for the text highlight.

OK - Accept the green value.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.

Highlight color (Blue) -----

Enter the amount of blue in the color used for the text highlight.

OK - Accept the blue value.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.

If text is On, the text highlight mix percent is greater than 0, and you chose to make the catalog-picture(s) in grayscale, you will be presented with the following requester:

Highlight color (Gray) -----

Enter the gray value to use for the text highlight.

OK - Accept the gray value.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.

If text is On, you will be presented with the following requester:

What type of thumbnail do you want to use? -----

Large/OK - images will be scaled to fit in the entire tile area.

Small/Cancel - images will be scaled to fit in the area of the tile not

occupied by text.

Do you want custom thumbnail processing to be enabled? -----

- Yes/OK - Any custom processes you have added to Cataloger (starting at line 1620), such as sharpening with the Convolve operator, or balancing adjustments, will be performed on each thumbnail. If Cataloger has not been modified, this will have no effect.
- No/Cancel - No additional operations will be performed on the thumbnails.

Do you want to have a border around each tile? -----

- Yes/OK - A border will be drawn around each tile.
- No/Cancel - None of the tiles will have borders.

If the current combination of setting will not allow thumbnail borders to overlap text or make them occupy the same space as existing tile borders, you will be presented with the following requester:

Do you want to have a border around each thumbnail? -----

- Yes/OK - A border will be drawn around each thumbnail.
- No/Cancel - None of the thumbnails will have borders.

If tile and/or thumbnail borders are On, you will be presented with the following requester:

Border thickness -----

Enter the thickness (in pixels) of tile and/or thumbnail borders.

- OK - Accept the Border thickness.
- Cancel - Restore all settings to their previous values and return to the

Main Requester

.

```
***** IMPORTANT *****
* The border thickness will be limited to 1 if: *
* 1. Tile width and/or height is set to the maximum value *
* or *
* 2. you are using Small Thumbnails and Thumbnail Borders *
*****
```

If tile and/or thumbnail borders are On and you chose to make the catalog-picture(s) in color, you will be presented with the following series of requesters:

Border color (Red) -----

Enter the amount of red in the color used for borders.

- OK - Accept the red value.
- Cancel - Restore all settings to their previous values and return to the

Main Requester

.

Border color (Green) -----

Enter the amount of green in the color used for borders.

OK - Accept the green value.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.

Border color (Blue) -----

Enter the amount of blue in the color used for borders.

OK - Accept the blue value.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.

 If tile and/or thumbnail borders are On and you chose to make the catalog-
 picture(s) in grayscale, you will be presented with the following
 requester:

Border color (Gray) -----

Enter the gray value to use for borders.

OK - Accept the gray value.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.

 Save format? -----

Enter the the name of the Saver you want to use to save the completed
 catalog-picture(s).

OK - Accept the Saver.

Cancel - Restore all settings to their previous values and return to the

Main Requester

.

***** IMPORTANT *****
 * If you are creating a catalog-picture rendered in an Amiga-specific mode *
 * (EHB, HAM, HAM-8), make sure that the Saver you are using supports *
 * Amiga-specific modes. *
 * *
 * For example: *
 * GIF does not support Amiga-specific modes *

* JPEG does not support rendered image data at all *

 What type of image data do you want to save? -----

- Raw/OK - Cataloger will not render the catalog-picture(s) and will save them in the selected save format as raw image data.
- Rendered/Cancel - Cataloger will render the catalog-picture(s) using ADPro's/MorphPlus' current render settings (screen mode, colors, dither, etc.) and save the rendered data in the selected save format.

***** IMPORTANT *****
 * Make sure that the Saver you are using supports the type of image data *
 * you are saving. If it doesn't, Cataloger will abort. *
 * *
 * For example: *
 * IFF supports rendered and raw data *
 * GIF supports only rendered data *
 * JPEG supports only raw data *

 Do you want saver opts to be enabled? -----

- Yes/OK - Allows saver opts to be used when saving the catalog-picture(s).
- No/Cancel - Disables the usage of any defined saver opts.

 If saver opts are On, you will be presented with the following requester:

Saver opts -----

Enter any saver opts (as listed in the Savers Reference section of the ADPro/MorphPlus manual) that you wish to use.

- OK - Accept the saver opts.
- Cancel - Restore all settings to their previous values and return to the

Main Requester

.

***** IMPORTANT *****
 * Cataloger uses the following command to save the catalog: *
 * *
 * SAVE filename type saver_opts *
 * *
 * where "filename" is the path/filename of the catalog, "type" is either *
 * IMAGE or RAW, and "saver_opts" are the saver opts entered into the *
 * requester. You should check the ADPro/MorphPlus manual to make sure that *
 * the Saver you want to use will work using that syntax. *
 * *
 * Cataloger will abort if you use saver opts that are not compatible with *
 * the Saver you have selected. *

 * Note: If you want to save the catalog-picture(s) as DCTV images you must *
 * use one of the following as saver opts (you must also be using the *

```

*      IFF Saver):                                     *
*
*      DCTV          for a 4 bit-plane DCTV image    *
*      or
*      DCTV 3       for a 3 bit-plane DCTV image    *
*****
-----
Catalog file extension -----

Enter the file extension to use when saving the completed catalog-
picture(s).

OK      - Accept the file extension and return to the
        Main Requester
        .
Cancel - Restore all settings to their previous values and return to the
        Main Requester
        .

***** IMPORTANT *****
* When the catalog-picture is saved, the actual filename will be:      *
*
* baseXXextension
*
* where "base" is the catalog base filename, "XX" is the number of the
* catalog (no number will be added if only one catalog is created), and
* "extension" is the catalog file extension.
*****
-----

```

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Save As

Save As will display a requester prompting you to select a file in which to save the current settings for later use with Cataloger's

Load
feature.

You will then be returned to the
Main Requester

.

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Quit

Quits Cataloger and tries to delete its temporary files and restore ADPro/MorphPlus' original settings.

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Contacting the Author

If you have any bug reports, questions, suggestions, comments, or gifts to send me, I would be glad to hear from you and/or help with any problems. I can be reached at the following addresses:

Felix Coronado
3966 Stanford Way
Livermore, CA 94550

EMail:

CompuServe: 75460,722

Internet: 75460.722@compuserve.com

When you contact me, I would appreciate it if you would include the following information:

1. The version of Cataloger that you are using
2. The version of ADPro/MorphPlus that you are using

If there is anyone using Cataloger with a version of ADPro before 2.5.0 or a version of MorphPlus before 1.3, I WANT TO HEAR FROM YOU. I am considering removing support for those versions from Cataloger unless I hear from enough people who are still using them.

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Acknowledgments

My thanks to:

Rodja Adolph - for creating CatMake.rexx V1.0, which was the inspiration for this script.

Daniel J. McCoy - for being the first person to give me some feedback regarding Cataloger and for uploading it to Aminet.

Steve Crippen
Larry Rosenblum
Helmut Reinelt
George D. Papdan
Chris Chapman
Simon Stelling

- for being the rest of the people (as of September 20, 1995) to offer their comments and suggestions regarding Cataloger.

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History

1.95 July 29, 1995 - The following aspects of Cataloger's operation can now be controlled by the file

ENVARC:Cataloger.config

:

1. Arguments used when starting ADPro/MorphPlus from within Cataloger
 2. Default Cataloger settings file
(** SUGGESTED BY Helmut Reinelt **)
 3. Size of Cataloger's output window
 4. Display/don't display an error requester when Cataloger can't load an image
(** SUGGESTED BY George D. Papdan **)
 5. What type, if any, of file listing to generate during the cataloging process
(** SUGGESTED BY George D. Papdan **)
 6. Recognise & decode DCTV images or treat them as normal IFF images
- Pressing Ctrl-C in Cataloger's output window now restores ADPro's original settings before quitting
 - Fixed a problem that caused Cataloger to abort if ADPro's image buffer was too small to create 24-bit data when cataloging a rendered IFF image
 - Other minor improvements

1.94 May 21, 1995 - Minor improvements

1.93 October 1, 1994 - Added ability to edit border thickness

- Changed documentation to AmigaGuide format
- Other minor improvements

1.92 August 29, 1994 - Cataloger will no longer abort if you Cancel one of its Edit settings requesters. Instead, Cataloger will restore all of its settings to their previous values and return to the main requester

- The main requester no longer shows settings for features that have been turned off

New Versions

When editing the settings, Cataloger will now display a list of Savers from which to choose the Save format

1.91 August 25, 1994 - Fixed a minor problem with Cataloger's file requesters

- Other minor improvements

1.9 July 28, 1994 - Cataloger will now ignore files that it cannot load (instead of aborting), and update the text in its output window accordingly

- Cataloger will no longer abort if you Cancel a file requester, if ADPro/MorphPlus' image buffer is too small, or if no files are cataloged. Instead, you

- will be returned to the main requester.
 - If only one catalog is created, Cataloger will not add a number between the base filename and the catalog file extension
 - Added ability to catalog files from an external file list
 - Added ability to catalog files from a FRED Sequence file
 - Added optional image color information to tile text
 - Other minor improvements
-

- 1.87 July 15, 1994
- Fixed a bug from 1.86 that caused Cataloger to abort if using Large thumbnails, Thumbnail borders, and not preserving the image aspect
 - Fixed a problem(?) that made sorting filenames case-dependent, it is now case-independent
 - Cataloger will now run continuously until it is aborted or until you choose Quit from the main requester
 - Fixed the way text is displayed in the output window so that the window can be resized without messing up the text (the text will not display properly if you make the window too short for a line of text)
 - Other minor improvements
-

- 1.86 July 08, 1994
- Added ability to edit text position
 - Cataloger will now start ADPro/MorphPlus if one of them is not already running
(** SUGGESTED BY Helmut Reinelt **)
 - Added ability to use and turn on/off custom thumbnail processing
(** SUGGESTED BY Helmut Reinelt **)
 - Other minor improvements
-

- 1.84 June 29, 1994
- Catalog-pictures are now centered instead of starting in the upper left corner (depending on the catalog size and the number of tiles, empty space would sometimes appear at the left side and/or bottom of catalog-picture(s) created by older versions of Cataloger)
 - The text output window now opens immediately after a base filename for the catalog-picture(s) is chosen, instead of waiting for the selected files to be sorted.
-

- 1.82 June 26, 1994
- Added ability to edit tile size (smaller values will leave more space between tiles)
-

New Versions

- The text output window will now open in the center of the screen instead of the upper left corner
 - Other minor improvements
-

- 1.8 June 12, 1994
- Fixed text highlight (formerly text background) color requesters that were labelled "detail color"
 - If a file exists with the same name as a completed
-

-
- catalog picture, Cataloger will now ask if it should be overwritten
 - Added ability to choose between Large (original) or Small thumbnail size
 - Added optional thumbnail borders
 - Made tile borders optional
 - Added ability to edit border color and text color independently
 - Added ability to edit text highlight mix percent
 - Started including sample picture and settings with distribution
 - Other minor improvements
-
- 1.71 June 7, 1994
- Fixed a couple of minor bugs from 1.0 relating to scaling certain images and drawing borders
 - Text will now be automatically disabled if the tile size is too small to accomodate it
-
- 1.7 June 5, 1994
- Added ability to specify a file extension for the completed catalog picture(s)
 - Changed some of the output window text
 - Other minor improvements
-
- 1.6 June 3, 1994
- Made checking of DCTV images more accurate, reducing the total cataloging time in some cases (Cataloger will now use RENDERED_TO_RAW only when processing 8- or 16- color IFF images instead of all rendered images)
 - Added ability to save catalog-pictures as DCTV images by using "DCTV" or "DCTV 3" as saver opts with the IFF Saver
 - Other minor improvements
-
- 1.5 May 19, 1994
- Fixed a bug from 1.4 that prevented the editing of the catalog background color when using an old version of the BACKDROP loader
 - Fixed a bug from 1.2 that prevented the loading of a Cataloger settings file after attempting to load a file that was not recognized as a Cataloger settings file
 - When Cataloger aborts, it will now try to delete its temporary files and restore ADPro's original settings
 - Improved checking of default settings file (Cataloger.prefs)
 - Changed some of the output window text
 - Other minor improvements
-
- 1.4 May 6, 1994
- Added ability to edit Background, Detail, and Text-background colors
 - The last loaded or saved settings file will now appear in the load/save settings requester the next time it is used
 - Changed format of settings file
 - Other minor improvements
-
- 1.3 April 27, 1994
- Fixed bug in 1.2 that prevented creation of grayscale catalog-pictures
-

```

-----
1.2 April 26, 1994 - Added Load/Save settings capability
                   - Added Text On/Off switch
                   - Made checking of image buffer size more accurate
                   - Changed format of settings file
-----
1.1 April 12, 1994 - Improved documentation
                   - Updated version string
-----
1.0 March 17, 1994 - First Release
-----

```

1.18 Cataloger 1.95

Other Stuff by Felix Coronado

Look for these other fine ARexx scripts/programs by Felix C. Coronado:

GIF+_Comment - ARexx script that acts as a pseudo-Loader for The Art Department Professional v2.5. Loads a GIF file while displaying any text comments contained in the file.

JPEG+_Comment - ARexx script that acts as a pseudo-Loader for The Art Department Professional v2.5. Loads a JPEG file while displaying any text comments contained in the file.

ShowComment.rexx - ARexx program that searches for and displays any text comments contained in a JPEG or GIF file.

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File Lists

A file list is simply an ASCII text file containing one filename (including the complete path) per line. Filenames containing spaces should NOT be enclosed in quotes.

A file list can be created in a text editor, by Cataloger (see

```

ENVARC:Cataloger.config
), or by using the AmigaDOS List command as follows:

```

```
List ALL FILES <Directory> P <Pattern> TO <ListFile> LFORMAT=%S%S
```

would create the file <ListFile> that lists all files matching <Pattern> in <Directory> and its subdirectories.

```
List FILES <Directory> P <Pattern> TO <ListFile> LFORMAT=%S%S
```

would create the file <ListFile> that lists the files matching <Pattern> in <Directory>.

For example: If you wanted to create a list of all the files ending in ".jpg" on a disk called "HD1:" in a directory called "Graphics" and in its subdirectories, and save the list as "Ram:JPEGs.list" you would use the following command:

```
List ALL FILES HD1:Graphics P #?.jpg TO Ram:JPEGs.list LFORMAT=%S%S
```

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ENVARC:Cataloger.config

Various aspects of Cataloger's operation can be controlled by creating a text file in ENVARC: named "Cataloger.config". The file can contain the following information (the default values will be used if the file does not exist or if any lines are left blank or contain inappropriate information):

- Line 1: Arguments (shell options) to use when starting ADPro/MorphPlus from within Cataloger (see the Reference section of the ADPro/MorphPlus manual).
No default value.
- Line 2: The path and file name of the Cataloger settings file to use when Cataloger is started.
Default: CatPrefs:Cataloger.prefs
- Line 3: Number indicating the width of Cataloger's output window.
Default: 640
- Line 4: Number indicating the height of Cataloger's output window.
Default: 85
- Line 5: Yes/No (Case sensitive)
Display/don't display an error requester when Cataloger can't load an image. If you will not be supervising the cataloging process, this should be set to No.
Default: Yes
- Line 6: All/Cataloged/Failed/Both/None (Case sensitive)
What type, if any, of
file list
to generate during the cataloging
process.

All - Cataloger will create a listing of all files that it attempts to catalog. It will be created in the same directory as the completed catalog-pictures and will be named:
<CatalogBaseFilename>.list.all

Cataloged - Cataloger will create a listing of the files that it successfully catalogs. It will be created in the same directory as the completed catalog-pictures and will be named:
<CatalogBaseFilename>.list.cataloged

Failed - Cataloger will create a listing of the files that it can not catalog (files that ADPro can not load). It will be

created in the same directory as the completed catalog-pictures and will be named:

<CatalogBaseFilename>.list.failed

Both - Cataloger will create a listing of the files that it successfully catalogs named:

<CatalogBaseFilename>.list.cataloged

and a listing of the files that it can not catalog (files that ADPro can not load) named:

<CatalogBaseFilename>.list.failed

Both files will be created in the same directory as the completed catalog-pictures.

None - No

file list

will be generated.

Default: None

Line 7: Yes/No (Case sensitive)

Recognise & decode DCTV images or load them as normal IFF images. You may notice a speed increase in the cataloging process if this is set to No.

Default: Yes

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New Versions

This applies when using Cataloger with ADPro 2.5 (and later) or MorphPlus 1.3 (and later).

1.22 Cataloger 1.95

Old Versions

This applies when using Cataloger with ADPro versions before 2.5 or MorphPlus versions before 1.3.

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