Cataloger

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COLLABORATORS

	TITLE : Cataloger		
ACTION	*NAME*	*DATE*	*SIGNATURE*
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

Cataloger

1.1 Cataloger 1.97

```
                Cataloger 1.97
© 1994-1996 Felix Coronado
-----------------------
ARexx script that makes thumbnail-based image catalogs
For use with The Art Department Professional v2.x or MorphPlus
```

 ********************* Semi-Important Information *************************

 Although this script (and all of my other ARexx creations) are Freeware, I
 would greatly appreciate it if you would send me a short note to let me
 know if you use any of them, or if you have any suggestions for future
 versions. Further development of this and other projects depends, in large
 part, on your interest.

 See

                Contacting the Author
                 for my addresses.

 ****

                Copyright & Distribution

                Disclaimer

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                Acknowledgments

```
                        History

                        Other Stuff by Felix Coronado
```

1.2 Cataloger 1.97

```
Copyright & Distribution
```

```
 Cataloger is copyright 1994-1996 by Felix 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
 Coronado).
```

1.3 Cataloger 1.97

```
Disclaimer
```

```
 This program (Cataloger) comes with no warranty, either expressed or
 implied.  The author (Felix 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 1.97

```
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 1.97

Requirements

1. ARexx

2. Libraries (in your LIBS: directory):
   rexxsupport.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 (RAM:T if you have enough memory, a hard
     drive or elsewhere if you don't) with approximately
         <Catalog Width> x <Catalog Height> x 4 (for a color catalog)
     or
         <Catalog Width> x <Catalog Height> x 2 (for a grayscale catalog)
     bytes of free space (slightly less should still work) 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 1.97

               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 is 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 1.97 can use settings files created by version 1.2 and later,
  but settings files saved by version 1.97 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 1.97

```
              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 1.97

```
              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.
```

```
 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 1.97

Main Requester

The Main Requester displays Cataloger's current settings.

New Versions
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 1648 of Cataloger and
              Edit
)

18. Tile borders: On/Off
    - a border will or will not be drawn around each tile

19. Tile Border mode: All/Only images
    - Draw tile borders around all tiles or only those that contain an
      image

20. Thumbnail borders: On/Off
    - a border will or will not be drawn around each thumbnail

21. Border thickness:
    - the thickness (in pixels) of tile and/or thumbnal borders

22. 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

23. Save format:
    - the name of the Saver to use when saving the completed catalog-
      picture(s)

24. Save image type: Rendered/Raw
    - the type of image data to save, rendered or 24- (or 8-) bit

```
25. Saver opts: On/Off
    - allows or disables the use of saver opts

26. Opts:
    - the saver opts to use if saver opts are On

27. File extension:
    - the text that will be appended to the base filename and number of a
      completed catalog-picture when it is saved
-----------------------------------------------------------------------------


                Use
                /OK - Accepts the current settings

                Load
                /OK - Allows you to load a previously saved settings file

                Edit
                /OK - Allows you to edit the current settings

                Save As
                /OK - Allows you to save the current settings

                Quit
                /OK - Quits Cataloger


                Old Versions
                 Cancel - Changes the function of OK
```

1.10   Cataloger 1.97

```
                Use

If you chose to catalog an entire directory, Cataloger will display the
following requester:
===============================================================================
| 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 the
following requester:
===============================================================================
| Select 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
                 , Cataloger will display the
following requester:
====================================================================
| Select list file                                                   |
|-------------------------------------------------------------------|
| OK     - Accepts the list file.                                    |
| Cancel - Returns you to the
                 Main Requester
                      .                              |
====================================================================

If you chose to catalog files from a Sequence file, Cataloger will display
the following requester:
====================================================================
| Select Sequence file                                               |
|-------------------------------------------------------------------|
| 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.
====================================================================
| Catalog base filename                                              |
|-------------------------------------------------------------------|
| 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 (to a printer or graphics card, for example), *|
|* you must still select a base filename even though it will not be      *|
|* used.                                                                 *|
|*********************************************************************|
====================================================================


              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 1.97

               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 1.97

               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/OK   - Catalog all files in a directory.                              |
| Partial/OK  - Catalog only the files you select in a directory.              |
| List/OK     - Catalog files from an external
                 file list
                                    |
| Sequence/OK - Catalog files from a FRED sequence file.                       |
|
                  Old Versions
                    Cancel - Changes the function of OK                        |
================================================================================
```

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

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

```
================================================================================
| 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.                     |
================================================================================
```

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    |
|              inthe 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 three 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 filename of the original image and optionally other       |
|             information will be added to each tile.                        |
| No/Cancel - No text will appear in 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 1648), such as sharpening with the Convolve           |
|              operator, or balancing adjustments, will be performed on      |
|              each thumbnail.  If Cataloger has not been modified, this      |
|              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 tile borders are On, you will be presented with the following requester:

```
==============================================================================
| Do you want to have tile borders around all tiles or only those that       |
| contain an image?                                                          |
|----------------------------------------------------------------------------|
| All/OK             - All tiles will have borders.                          |
```

```
| Only Images/Cancel - If there aren't enough images to fill a catalog-  |
|                      picture completely, only the tiles containing     |
|                      images 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.                            *|
|*************************************************************************|
===============================================================================
```

1.13 Cataloger 1.97

```
                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
```

.

1.14 Cataloger 1.97

Quit

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

1.15 Cataloger 1.97

Contacting the Author

 If you wish to contact me for any reason (you have questions, suggestions,
comments, interesting ARexx script ideas, gifts to send me, etc.), I can be
reached at:

 Internet e-mail: felix@null.net

 CompuServe mail: 75460,722

 WWW: http://www.geocities.com/Paris/2866

********************************* IMPORTANT *********************************
* When you contact me, I would appreciate it if you would include the   *
* following information (for development, distribution, and support   *
* purposes):   *
*   *
* 1. The version of Cataloger that you are using   *
* 2. The version of ADPro/MorphPlus that you are using   *
* 3. Where you got your copy of Cataloger   *
*   *
* 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.   *
****

1.16 Cataloger 1.97

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 originally uploading it to
                   Aminet.

Thomas Ansorge - for sending the nice Christmas card and letter.

Mike McKittrick - for providing me with a copy of Cataloger 1.96 when I
                  realized that I no longer had one and had been
                  distributing the wrong version

Steve Crippen
Larry Rosenblum
Helmut Reinelt
George D. Papdan
Chris Chapman
Simon Stelling
Peter Bornhall
Craig Smith
Ivo Kroone
- for being the rest of the people to offer their comments and suggestions
  regarding Cataloger.

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                  History

1.97 April 15, 1996   - Fixed bugs that caused a return to the main
                         requester whenever an attempt was made to edit a
                         font name,
                  Old Versions
                   a save format name, saver
                         opts, or a catalog file extension that contained
                         spaces
                       - Minor internal changes

1.96 November 14, 1995 - Added an option not to make tile borders around
                         tiles that don't contain images
                         Suggested by
                  George D. Papdan
                                        and
                  Peter Bornhall
                                - Increased maximum size of catalog- ←
                                  pictures to
                         16383 x 16383
                       - Other minor improvements

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 setings 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 1.97

Other Stuff by Felix Coronado

Look (or

ask
) for these other fine ARexx scripts/programs by Felix
Coronado:

Misc. FinalWriter scripts - scripts that adjust the Type Specs and Style of
standard text AND Text Block objects. Can be
used as replacements for some of the scripts
included with FinalWriter. Also scripts that
(when assigned to function keys) allow you to
use the keyboard to move from cell to cell
within a table.

Misc. ADPro/MorphPlus scripts - various scripts for use with ADPro/MorphPlus

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.

1.19 Cataloger 1.97

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
```

1.21 Cataloger 1.97

```
New Versions
```

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

1.22 Cataloger 1.97

```
Old Versions
```

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

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```
                Index
```