CatMake

COLLABORATORS

	TITLE : CatMake		
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REVISION HISTORY

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Contents

Chapter 1

CatMake

1.1   CatMake.guide

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Rodja Adolph (proudly :) presents a catalogpicturegeneratorscript (uh?!)
       for AdPro written in ARexx and completed on 09-Dec-94 01:16
         ...and just another one of these Lettermatcher-Logos :)


                     Version 1.24 (fifth release)
  -> PLEASE read the changes,if you already used an older version! <-
       The changes may contain other useful info which isnt as
                  clearly stated in the body text!
   Please forgive me my imperfect english.Its not my native language




              Introduction
                A short overview and high-lights

              Copyright/Contacting the author
                Read this!

              New versions
```

1.2 CatMake.guide/Introduction

                  Introduction

 CatMake is a script that will allow you the following (and some more) things:

 - Create catalogpics of your picture databases which show a smaller
   representation of your pictures together with their filenames and size+depth
   so that you can easily identify them and have a quick overview as you
   may have upto 64*64 (=4096) in one single catalogpicture and may
   have each catalog from 20-9999 pixels each in width and height)
   Very useful for SysOps of Picture-BBS's !
 - The catalogs can be saved in any rendered and raw format AdPro supports
   as you may define both the SaveFormat and the actual SaveString manually.
   This allows e.g. to save a catalog directly to a gfx-card or to use
   even latest savers...
 - The pics to be catalogized may even be (re)rendered and saved with a new
   extension...
 - Multiselect and Wholedirscanning supported
 - VERY configurable if you WANT to,as all colors and the fonts can only
   modified directly in the configfile. (no zillions of requesters...:)
 - Thumbnails may be arranged alphabetically (derived from the filenames)
   or (if using AdPro >= 2.30) customized by easily defining the order in
   Listviews...Very handy...
 - Scaling of thumbnails either in aspect-correct or fit-to-space mode
 - Prefs are stored in ENVARC: and may be edited,on startup you may choose
   to use them or not
 - Nice CON:-Output
 - ARexx-Hooks to allow a maximum flexibility

   and (almost) free (see
                  Copyright
                  notice)

1.3 CatMake.guide/Copyright

Copyright

If you use CatMake and find it useful,then please register and send
10$ (or an equal amount in another currency) to the author.You will
then receive the latest version of Catmake if you include a disk and
padded envelope with extramoney to cover postage or a new version of
Catmake if you include requests for new features i should include.
If you have email,then i will send you Catmake via email thus not
requireing disk and postage money...You will also be notified of new
versions if you want to.
Note : If your local currency isnt dollars either,then please do me a
        favor and send me 20 DM ("Deutschmarks") so that at least i
        can save the exchange fee...Thanx!

You may also ask me to write a special ARexx-Script for you if you
are in need for one (not only for AdPro...).Im always open for any
ideas...Impossible stuff will be programmed in hours,miracles take
some days...(ehh :)

If you have any ideas/bugs/presents/bucks you would like to send to
me,then there are different ways:

Snail-Mail: Rodja Adolph
             Kölnerstr. 187
             40227 Duesseldorf / Germany
EMail: ronnie@aworld.aworld.de OR ronnie@IUS.gun.de
Telephone: +49-211-721285 (Voice)

If you live in Germany,you will probably want to transfer the
Shareware fee to my account :

             Rodja Adolph
             Kto.Nr. : 802 109 016
             Blz   : 301 602 13
             Bank   : Düsseldorfer Bank eG

Greetings fly out to the dudes from the UseNet who were interested
in this script and therefore made me writing this doc and such a
'user-friendly' script :)
Especially Roger Kanemaru requested some neat things i didnt think of...
  (...These are the users living in Hawaii...;-)
Furthermore to all my friends esp. Guenter,Melih,Jay and all the others!
At last a very warm greet to all the dudez in frosty Sweden (sorry Roger
Eriksson :)
And not to forget Christian Stieber for his help to upload CatMake to
AmiNet!

New : I welcome Charles Bellen from Belgium to the registered
        "CatMake-Posse®"

So long and have phun with this little script,

        Rodja Adolph

1.4 CatMake.guide/New_Versions

                CatMake is a program that is under continous development.So its ↩
                    kinda
likely that the version that you just got is "outdated" (that doesnt
mean that your version isnt working or lacks basic features.It just
means that special features and/or even better/more flexible options/
functions could have been added in the meantime.This process wont stop
as long as i get input from YOU.So please contact me if you can think
of something you would like to see in a program like this.

The fastest way to get a new version is to contact directly me via
email.Look in the
                Copyright
                section for my
email address.This would allow me to send you new version automatically
(though you should be a registered user!).
New releases should also be available on AmiNet (keep in mind that
version isnt the same as release..."versions" tend to be "beta" aka as
buggy...

You may even find CatMake on PD-Libraries like FreshFish CD's or
SAAR-AG disks/CD's.

If nothing helps,then you can order a new version (as registered user)
by snail mail including money for postage and disk or postage only but
then including a disk...

1.5 CatMake.guide/Documentation

                Before you run CatMake the first time,you should read the whole
guidefile.Especially the history-section is very important as it
will always contain information that isnt or not as intense stated
in the main document (starting here). (be warned :)

                Installation

                Usage/Processing

                Prefsfile

                Hooks

1.6 CatMake.guide/Installation

```
To install,either rename the script (CatMake) to something like
f3.adpro (to bind it to the F3-Key;see AdPro-Doc for details) and copy
it to AdPro: or copy it to the AdPro:Commands2/ directory to bind it
into AdPro's UserMenu (since V2.5) or launch it e.g. from a shell with
RX or any other way you can think of...
CatMake will open a CON: window for it's text-output which is rather
nice (IMO).
Since version 1.11 CatMake also supports an argument line so that CatMake
can be run without any disturbing requesters (besides of error-requesters).
See Usage for details...
```

1.7 CatMake.guide/Usage

```
If you start the script without having a prefsfile ENVARC:CatMakeAdPro.prefs
then internal defaults will be used that should work on every system.
Anyway you'll be asked if you want to use the defaults completely or not.
Completely means that you only have to provide the dir with the files,basename
for the catalogs and tiling-mode and CatMake will directly start.Partial means
that you have to provide every value manually but defaults will be used wher-
ever possible as defaults for your input so that you dont need to enter every-
thing from scratch although you only wanted to change e.g. the dirmode (and the
rest as the defaults...).If you select 'Partial' then the following requesters
will pop up asking you lots of stuff :

--------------------------------------------------------------------
'Do you want to handle a whole directory?'
'OK=Whole              Cancel=Manually'

 'OK' would convert a whole directory of pictures to be catalogized,
 while 'Cancel' would allow single/series of files to be selected to
 process only.
--------------------------------------------------------------------
'Catalog SFORMAT-String ?'

 Here you enter the SaveFormatString as discussed in the ARexxDoc of
 AdPro for the catalogpictures.Examples are : IFF,GIF,JPEG etc.
 If you have a later version of AdPro (>=2.30) then a ListView will
 appear...
--------------------------------------------------------------------
'What type of File is that type ?'
'OK=IMAGE       or      Cancel=RAW'

 This defines if the catalogs will be rendered or not.'OK' would
 render (2-256 cols + HAM and stuff),whereas 'Cancel' would save the
 raw data (either color 24 Bit or black&white 8 Bit)
 With certain savers this requester may not pop up (e.g. the JPEG
 saver doesnt support anything else than RAW-Mode...)
--------------------------------------------------------------------
' Shall the images be sized to '
'fit each tile completely or to'
'  be sized aspect-correctly?  '
'OK=Fit        or  Cancel=Aspect'
```

This defines how the thumbnails on the catalogs wil look like.If
using "Fit",then each image will be scaled to perfectly fit the
space reserved for each thumbnail.However this may produce some
strange effects if the images to be catalogized dont "match" the
dimensions for the thumbnails.For this reason you may also select
"Aspect" which will preserve the width/height aspect of the images.
To make it short : "Fit" may put a circle to an ellipse and "Aspect"
leaves circles circles...

'Width of Catalogs' (20-9999)

 Defines the width in pixels of each catalog

'Height of Catalogs' (20-9999)

 Defines the height in pixels of each catalog

'Make Color or Black&White'
'   Catalog-Picture?   '
'OK=Color   Cancel=BW'

 Here you select if you want to use colors or only B&W shades
----
'How many Colors?' (2-256) (Doesnt appear if RAW-Mode)

 Defines how many shades in the desired colormode are used for the
 final catalogs.
 Note : The thumbnails (minatures of the pics for each catalog) are
 all processed in raw-mode and only rendered (if desired) after
 composing of the whole catalog so that you always get the maximum
 quality (i.e. color-spectrum) for each catalog.
 You may also define strings HAM,HAM8,EHB,CUST
 If you have a later version of AdPro (>=2.30) then a ListView will
 appear...
 This requester doesnt pop-up if you select RAW-Mode for the catalogs.

'Add a headerstring to each catalog?'

 This lets you decide if you want to have a Header on each catalog
 that will be on top of each catalog and seperated by the thumbnails.
 This could e.g. be your BBS-Name and number or some other info such
 as copyrightnotices.
 If you select "OK",then the following 2 requesters will pop-up:

 'Enter headerstring'
  Here you enter the string used as Header for each catalog.

 'Center headerstring horizontally?'
  If you choose "OK",then the Header will be centered.If you choose
  "Cancel",then the following requester will pop-up:

  'X-Offset in Pixels?'
   Use this to define the starting position of the Header beginning
   at the left (0 would put it directly on the left side).Try a value
   around 10 for a good-looking left-alignment

```
'    Do you want to also   '
'save as alternate Images ?'
' (Under diff. filenames)  '

 Defines whether or not you want to (re)render the pictures to be
 catalogized,so that you can e.g. convert your GIF library into
 IFFs on the fly...The resulting requests are selfexplaining
 Nice : If the source images already have an extension preceeded
 with a '.',then that extension will be removed and replaced by
 the given one.Note that only if the old and the new extension
 are equal,then the old file gets overwritten.So think about that
 so that you dont loose files by mistake.This IS useful if you e.g.
 want to catalogize and (re)render some hundred megabytes with only
 a few left on your HD.Then you would just have to make sure that
 all pics have the same extension and then enter as extension for
 the (re)rendered images simply the same (not case sensitive) so
 that you wont end up with having every file two times (and a possible
 'Volume is full' error)....
 Remember that AdPro doesnt need correct extensions for images to be
 loaded in correctly (well at least the "common" loaders...).So it's
 OK to rename e.g. a .JPEG file to a .GIF file to have the same
 extension for all images...
 ----------------------------------------------------------------
If CatMake wasnt started with an argument-line,then the following
requesters will pop-up.If not,then they WILL pop-up (regardless of
what you decided for using the prefs or not)
 ----------------------------------------------------------------
Depending on either Multi-Select mode or Whole-Dir scanning,you are
now asked for the images to be catalogized.This will be acomplished
with a file/directory-requester.Note that when in Multi-Select mode
you may hold down the Shift-Key to select more than one entry.Some
requesters also support dragging over files to Multi-Select (like MFR)
 ----------------------------------------------------------------
If you have AdPro 2.30 or later and selected "Partial" for the config
usage,then a requester will now pop-up asking for the sorting-mode:

'Use alphabetical or custom sorting?'
'    OK=Custom      Cancel=Alpha     '

 "Alpha" will sort the thumbnails left to right,top to bottom in
 alphabetical order as derived from the actual filename (path is
 not taken in account).
 "Custom" will (later on) ask you to select the files in a custom
 order by using ListViews to select the files from.You will be
 presented with all files selected/found and begin to double-click
 on the entry you want to appear first on your catalog(s).Then a
 new ListView shows up with all but the just selected entry.You
 then select the next entry in your custom order and so on...

If you have an older version than 2.30 of AdPro,then alphabetical
sorting is used.
 ----------------------------------------------------------------
Next thing asked is the catalogbasename using a file-requester.
The path for the catalogs defaults to the one where the images are
located.Unfortunately you may select whatever path and filename that
you desire.Note that the catalogbasename should end with an extension
bordering character (best-choice is ".") if you also want to have
```

the index-number (that will be added if you create more than one
catalog) seperated by such an character.In most cases one would not
use such a character as the file-type extension (taken from the used
Saver-Format) will be bordered by a "." itself...Just test it!
Note that a recognized catalogfilename (or better all) will also be
removed from the list of the images to be catalogized.This allows you
to have the catalogs of your pictures in the same directory as the
images and also alllowing to run CatMake each time you have new files
over these directories without catalogizing the catalogs...

If you didnt start CatMake with an argument line,it may happen at this
point that you're informed that the entered catalogbasename collides
with already existing catalogs.You may then decide to either overwrite
or rename the old one(s).

Next thing asked (if you didnt start CatMake with an argument line) is
the tiling.The tiling defines how many thumbnails will be put on each
catalog.You may define the number of catalogs in width and height
seperately.
If you have AdPro 2.30 or later,then a nice ListView will be shown
presenting you some suitable default tilings and 2 other entries.
The first is named "Auto" and will adapt the tiling so that that all
images to be catalogized will fit on ONE single catalog.The tiling
is calculated to have an almost equal number of tiles in height as
in width,with the number in the width increasing first.
The other special entry is called "Custom" and will start the same
two requesters that are only shown if you have an older version than
AdPro 2.30.
Note that the title in the ListView shows you the number of files
that will be processed.

At this point a possible Custom-Sorting is invoked.See the section
where you define "Custom" or "Alpha" sorting for details.Note that
you only have to define the order until the last entry (logical!).

Finally the files are processed.
The script switches to the WB-Screen so that you can observe the
current state of the conversion.Note the information given in the
window's title-bar.It shows how many catalogs will be created and
how many thumbnails are on each (the last one may have less than
the number stated...)
After the whole thing is finished the CON: will close after some
seconds.
If any error should occur during the operation,CatMake will notify
you you with a requester and eventually save the configfile,depen-
ding on how you configured your settings.

1.8 CatMake.guide/Prefs

Last thing about CatMake is it's Prefsfile that is stored in ENVARC:
(NOT in ENV: !!!) and is named CatMakeAdPro.prefs
Following is a sample config with aditional information:
Note that not everything is asked for while running the script but
some things can only be defined in this prefs-file.One thing is e.g.

```
the used Font and loads of color-definitions.If Catmake cant find this
file,it will use internal defaults and after finishing its job create
the prefsfile automatically.
The first line holds the version of the prefsfile.If the version is
lower than the one needed for CatMake,then Catmake will inform you
and ask what to do (use internal settings or exit).
-----------------------------------------------------------------------
Version 1.4
  These are the current default settings for R.Adolph's CatalogGenerator
          written in ARexx for use with The Art Department Pro


FontPrefs
 Fontname       = Topaz           ;The font to be used for the Filename-Texts
 Fontsize       = 8               ;The size of that font
 Fonttype       = BITMAPPED       ;The type,either BITMAPPED or SCALED
 TextR          = 255             ;3 values defining the RGB color for the
 TextG          = 255             ; filenames that are rendered
 TextB          = 255
 Size           = YES             ;YES/NO/RIGHT/BOTTOM switches size-rendering
 Size_Fontname  = Topaz           ;The font to be used for the Image-Sizes
 Size_Fontsize  = 8               ;The size of that font
 Size_Fonttype  = BITMAPPED       ;The type,either BITMAPPED or SCALED
 SizeR          = 255             ;3 values defining the RGB color for the
 SizeG          = 255             ; sizes and depths that are rendered
 SizeB          = 255
 Seperate       = YES             ;Seperate text from thumbnail or mix them
 Header         = NO              ;Use a Header or not
 HeaderFontname = FUTURAB         ;Font used for the Header
 HeaderFontsize = 16              ;Fontsize
 HeaderFonttype = BITMAPPED       ;Type
 HeaderEmboss   = OUT             ;Embossdirection (see AdPro manual)
 HeaderEmbAmnt  = 100             ;Embossamount 0-100
 HeaderTxtstyle = 0               ;Textstyle (see AdPro manual)
 HeaderOffset   = 1               ;Possible offset from left border in pixel
 CenterHeader   = YES             ;Center Header horizontally or not
 HeaderR        = 165             ;Color for Header (and "Corrupt"-String)
 HeaderG        = 165
 HeaderB        = 160
 HeaderString   = Created with CatMake © R. Adolph in 1994 ;Actual Header


Other
 DirMode        = WHOLE           ;Desired DirMode,either WHOLE or MULTI
 Sorting        = ALPHA           ;Sortingmode either ALPHA or CUSTOM
 SaveOnError    = YES             ;Save config if error occurs
 ProceedOnError = YES             ;Dont quit if loading-error or do quit
 ProceedErrStr  = Corrupted!      ;This string is shown instead (if loaderror)
 StripMode      = BLUBB+          ;reserved
 TempDir        = T:              ;Files for temporary data (maybe a lot MBs!)


Catalogprefs
 CatalogBase    = _Catalog.       ;CatalogFilesBasename
 SFormat-String = IFF             ;SaveFormat-String like IFF,GIF,JPEG
 AddSaverString = YES             ;Add string to filenames or not
 SaveMode       = IMAGE           ;SaveMode-String like IMAGE,RAW
 RawMode        = COLOR           ;RGB or B&W,either COLOR or BLACKWHITE
 SizeMode       = ABSOLUTE        ;ABSOLUTE or RELATIVE,abs.=fit rel.=aspect
 Colors         = 256             ;Number of shades (2-256) or HAM etc.
```

```
CatalogWidth   = 640
CatalogHeight  = 480
X-Tiles        = 4                    ;Number of tiles along X-Axis
Y-Tiles        = 4                    ;Number of tiles along Y-Axis
TileMode       = Auto                 ;Only for >=2.30 of AdPro and defines the
                                      ;default in the ListView.Possible is one
                                      ;of : 3x2 3x3 4x3 4x4 5x4 5x5 6x5 6x6
                                      ;      Custom Auto
BorderR        = 255                  ;Defining the RGB-Color values for
BorderG        = 255                  ; the frames around the thumbnails
BorderB        = 150
Mixing         = 40                   ;Defining the Mixvalue 0-100 between
MixR           = 0                    ; MixRGB and actual image.
MixG           = 0                    ;Defining the RGB-Color values for the
MixB           = 80                   ; backround-rectangle for rendered text
Background1R   = 0                    ;Defining the global backround for each
Background1G   = 0                    ;catalog.4 triples defining a 4-point
Background1B   = 0                    ;gradient-fill (BACKDROP).You will most
Background2R   = 0                    ;probably like to set every triple to
Background2G   = 0                    ;the same values to get a monochrome
Background2B   = 0                    ;(one color) backround
Background3R   = 0
Background3G   = 0
Background3B   = 0
Background4R   = 0
Background4G   = 0
Background4B   = 0
Back2Pos       = 50                   ;Currently not supported (for BACKILINE)
BackDirection  = S                    ;Currently not supported (for BACKILINE)

Rerenderprefs
 MakeAlternate  = NO                  ;Whether or not (re)rendering is done
 RenderedColors = 256                 ;According to already known things...
 SFormat-String = JPEG
 SaveMode       = RAW
 Extension      = jpg
---------------------------------------------------------------------------
```

Note (another one :) that the values aren't checked that much.This has the
advantage that you could e.g. use more than 64 tiles...just edit the prefs
and use them...But you should know what you do as strange values may mess
up the whole catalog...
A lot of explenation to the above yet unmentioned features is given in the
history section.Please read the history if you havent done yet.

1.9 CatMake.guide/Hooks

From version 1.07 on CatMake supports several hooks to include custom
ARexx-Code while CatMake processes images and catalogs.
There's NO need to have these scripts,but if one or more exist,then they
will be called at certain points.The scripts have to be located in a
drawer assigned to "REXX:"
The scripts and their points of invokation :

  REXX:CatMakePrePicLoad.rexx

Will be started everytime before a picture that shall be catalogized
is to be loaded.You could for example do special compositions with
this by composing pictures to dummy files you already had existing
and selected them to be catalogized.Or for checking for completion
of e.g. a rendering before a picture is finally closed and therefore
ready to be catalogized.
The filename of the picture that will be loaded after calling this
script will be passed as argumentline to the script.See end of chapter
for details.

REXX:CatMakePostPicLoad.rexx
 This one will be launched AFTER a picture to be catalogized has been
 loaded into AdPro.You could e.g. delete that picture in this script
 as you may have selected to rerender it or you dont need it anyways.
 This script also receives the path+name of the just loaded picture as
 argumentline.

REXX:CatMakePreAltProcess.rexx
 Will be called before alternate image-representation is build.
 Only called if (Re-)Rendering is enabled

REXX:CatMakePreAddheader.rexx
 This is called before an optional header is added (ONLY if one shall be
 added).
 This hook provides some extra magic as you can modify the headerstring from
 within this script.Usually it's not possible to modify variables from another
 ARexx-Script within one.
 To solve this problem,you may use the SETCLIP() command in this script to set
 the Clip called "CatMakeHeader" to a desired headerstring.
 The script gets the number of the current catalog as argument.See the
 following examplescript to see why...
 An example script REXX:CatMakePreAddheader.rexx could look like this :

```
 /* This will change the headerstring accordingly with each catalog */
 PARSE ARG CatNumber
 SELECT
  WHEN CatNumber=1 THEN PartHeader="the first"
  WHEN CatNumber=2 THEN PartHeader="the second"
  WHEN CatNumber=3 THEN PartHeader="the third"
  OTHERWISE PartHeader="another"
 END
 NewHeader="This is "||PartHeader||" catalogpicture"
 CALL SETCLIP("CatMakeHeader",NewHeader)
 /************************************************************************/
```

REXX:CatMakePreCatRender.rexx
 This one will be called right before the EXECUTE to render a catalog.
 If the catalog shall be saved in RAW-Format,then this script WONT
 be called.This script gets the number of the current catalog as
 argument (first catalog is number 1 (not 0))

REXX:CatMakePreCatSave.rexx
 This one will be called before a catalogpicture is saved to disk
 and it gets the catalogpicture path and filename as argument.
 The catalogfilename and path are also available in this script
 using a CLIP.The Clip is called "CatMakeCatName".You may ReSet this

Clip to change the filename/path under which the next catalog will
be saved.This allows you to preserve existing catalogs and use a
new index-number (that doesnt collide with the existing ones).

REXX:CatMakePostCatSave.rexx
 This one is called directly after saving a catalogpicture and it
 gets the catalogpicture path and filename as argument.

The mentioned arguments can be used in the scripts by using the
PARSE-Command in the scripts.

For example :
 /* A test */
 PARSE ARG Filename
 SAY Filename
 EXIT

This way of external scripts allows the advanced user to add
special features to CatMake and to allow CatMake to be extremely
flexible.
If you dont know how to write ARexx-Scripts,then just ask me to write
one for a specific problem...If it's useful enough,I will include it
into the next ditribution.Currently (28th of April) no Hook-Script is
included within CatMake,but several things are going to be as soon as
i get more requests/registrations/time...

1.10 CatMake.guide/Troubleshooting

                – If CatMake should show "24" as color-depth even if the source- ←
                    images
  didnt have 24 bits but e.g. 32 colors (=5 bits) then check out if the
  color-depth in AdPro (since V2.5) is locked.If so,then unlock
  it and it should work then.

- If,when using additional sizestring,the filename and the size/depth
  of each thumbnail overwrite themselves,then there's too few space in
  one line for both.Therefore you can use SIZE = BOTTOM instead of
  SIZE = RIGHT in the prefsfile which will put the two string under
  each other.If this does not suite your taste,you could use the
  StripExtension = YES in the prefsfile to possibly get some extraspace
  that is stripped off of the filenames.If you still have not enough
  space but dont want to drop the size-string or if w/o it you have
  even too few space for the filename,then you will need to use a
  smaller font...There are fonts around in sizes of as few as 6!Always
  try to use proportional fonts as they take up less space.

- If you have problems concerning multi-selecting files and nothing
  gets loaded IF you use MFR as replacement for default filereqs,then
  try setting MFRMode=1 in line 27 of the CatMake-ARexxScript itself.
  Or add a tooltype in MFR's icon 'REJECT=AdPro' depending if you do
  or do not need a MFR when multi-selecting files...

- The catalogs will be rendered (if they ought to be) in the mode that
  is selected before the script is run (the buttons in the bottom
  right corner of AdPro...) so that you can easily have the screenmode

and screenprefs you desire.
This also includes dithering.If you dont want dithering,then you have
to set AdPro to not dither anything.I recommend using Floyd-Steinberg.

- If your wildcard does not filter the way you expected it,then have
  a look on the special
                        Wildcard
                        section!

If an error occurs,CatMake will most certainly inform you of that with a
requester.This means that CatMake could at least locate the error in some
way.
Following is a list of possible error-requesters and what they "could" mean:

 'Prefs-File is not Up2Date !'
 ' Version needed : x.y'
 ' Version found : u.v'
 'Use the Built-In defaults?'

This one informs you that the loaded configfile isnt in a up2date version.
From time to time new versions of CatMake need new versions of configfiles
as their format may change considerably.However you may decide to use the
built-in defaults for the session.If you decide to do so,then after CatMake
quits (either due to an error or not) a correct prefs-file will be written
to disk.So this is recommended.

(no real list yet...The other requesters themself give a possible short
explenation of what could went wrong (im not a decent document writer,am I?!)

1.11   CatMake.guide/WildCards

Since everyone uses different Shells or comes from different roots when
it comes to wildcards (like ARP,various Shells etc.),it's sometimes a
pain in the ass to remember the very special syntax of the new AmigaOS'
wildcards...

So here some examples about the wildcards :

 If you want to filter out all icons,you have to set a wildcard that
 includes anything BUT these #?.info files.Therefore you have to invert
 the "#?.info" wildcard.You do this by putting the inverting char "~"
 in front of it BUT you have to put the "positive" wildcard in brackets
 to group it for the "~" to work properly :
   ~(#?.info)

 If you haven't set the Wildstar-Flag with some of the many Utils around,
 then you MUST use "#?" for "anything".If,however you set this flag,then
 you may choose to use either a "*" OR "#?" for "anything" (in the latter
 case you could even mix "*" and "#?" in the same wildcard).

 If you only want to catalog *.gif AND *.iff,then you have to build a
 enumeration using the "|" char INSIDE a group.You can use as many "|"
 as you want i.o. to specify as many different wildcards as you want :
   (*.gif|*.iff)

If you want to specify a range (either a numerical or alphabetical one),
then you have to put your range definition inside square brackets "[]".
Please note that a range ONLY represents ONE single char.So you may only
use single chars/digits to define a range.If you want to specify more
than only one digit/char,then you have to define multiple ranges :

```
  X-Rated_(%|[1-2])[5-7].#?
```

Now what the butt is this?!
It's useful for your precious chick-collie...but what do these swear
words mean?!OK read it from the left to the right and you have it :
The first chars of the filenames have to be "X-Rated_".Then you see
the grouping-bracket and thus we find the end-of-group ")".Inside
that group we have an OR-condition and it says "%|[1-2]".This means
that the next char may either be "nothing" (that's what the "%" means)
OR something that is inside the specified RANGE.This range only defines
the digits 1 and 2 to be true.Thus the first char after the "X-Rated_"
may be either "nothing",a "1" or a "2".After that group we have another
RANGE.And this range defines 5 to 7 as true.Therefore the 2nd char after
"X-Rated_" may be either 5,6 or 7.After that again a simple extension
filter is applied ".#?".This means that any filename ALSO must have a
"." as 3rd char after "X-Rated_".
The wildcard is true for ONLY the following filenames:
```
  X-Rated_5.#?
  X-Rated_6.#?
  X-Rated_7.#?
  X-Rated_15.#?
  X-Rated_16.#?
  X-Rated_17.#?
  X-Rated_25.#?
  X-Rated_26.#?
  X-Rated_27.#?
```
Kinda special wildcard,no?

To read some more stuff about this,consult your AmigaDOS manual.For the
3.0 manuals it is chapter 1-11 (at least in the german edition).

1.12 CatMake.guide/History

```
             Version History :

V1.0   First Release

               V1.01

               V1.02
               Second Release (uploaded to UseNet : c/s/a/graphics)

               V1.03
               Third Release (uploaded to some requesting people...)

               V1.04
               Fourth Release (sent to Fred Fish for inclusion on CD)
```

```
                        V1.05
                        ATTENTION : CATMAKE IS *NOW* SHAREWARE (10$) !

                        V1.06

                        V1.07

                        V1.08

                        V1.09

                        V1.10

                        V1.11

                        V1.12

                        V1.13

                        V1.14

                        V1.15

                        V1.16

                        V1.17

                        V1.18
                        Documentation is now a Guide-File rather than plain ASCII.
                Fifth Release (AmiNet : pub/aminet/gfx/misc/CatMake118.lha)

                        V1.19

                        V1.20

                        V1.21

                        V1.22

                        V1.23

                        V1.24
```

1.13 CatMake.guide/History/V1.01

```
V1.01 : - Changed the way the values for the (Re)Rendering are queried.
          Now the default for the extension is somewhat more intelligent
          (internal)
        - Adapted the string that is used in the Output-CON: title-bar.
          If only one catalog is to be created,then only the actual
          number of images will be shown and correct singular is used.
          Just cosmetic...
```

1.14   CatMake.guide/History/V1.02

```
V1.02 : - Added rendering of the source images size to the thumbnails.
          That means that you can see how big the corresponding image
          actually is.Therefore i added prefs for an alternate font that
          may be the same as the first,but in general it should be the
          smallest one you have.It only needs numbers and the small 'x'
          to work properly.Changed doc to reflect this...
        - If an extension is detected with a leading '.',then the '.'
          will be truncated.
        - Cosmetic changes to requesters...(centered)
        - A minor bug fixed : Length of actual textline to be rendered
          wasnt calculated correctly as the previous string was used
          for calcing.As the text (until now) was always left aligned,
          this didnt have any visible results.Now the size is a right-
          aligned string and i discovered the bug when the length of
          the filename (in pixels) was taken as measurement for align-
          ing the size-string (which is usually kinda smaller)...Dont
          bother if you dont understand this one :)
```

1.15   CatMake.guide/History/V1.03

```
V1.03 : - If a picture couldn't be loaded,then CatMake stopped processing.
          Now it proceeds with the next picture (if none could be loaded,
          then nothing will happen)
           Reported by Tom Henderson
        - The routine for the size-rendering had a minor but fatal bug.
          The string wasnt right-aligned but left-aligned as the Filename.
        - Added rendering of the source image's color-depth (in bitplanes).
          So 640x480x24 means a 24 Bit Source-Image. (256BW=Raw B/W data)
        - Now Files containing spaces also work
           Reported by G.Hagedorn
        - If catalogs already exist that have the same basename like the
          one currently used,then the user is asked to decide either to
          overwrite these or to rename them (automatically :).
           Requested by G.Hagedorn
        - This will allow you (if you stick to the same CatBase) to just
          reroll on your directorys without caring about the already exis-
          ting catalog-pictures as they are ignored and renamed/replaced
          if they have the same CatBase as your current setting.Even
          backed up Catalogs (still the same base) will be regocnized as
          such and simply ignored (no requester popping up).Only if you
          have a already existing catalog and one with a .bak and then
          create a new one,then you are probably (hehe) queried but one
          file would be lost of the two already existing.So dont mess
          around toooo much with CatMake in your pic-librarys ;-)
          If you still wanna have 'recursive' Catalogs,then just choose
          another CatBase
        - Changed the way text is rendered to the thumbnails.Now it is
          rendered into the complete catalog instead of being rendered to
          each thumbnail before composing.This allows the new scaling-
          mode:
        - Added new scalingmode called 'Relative' (queried by user and
          stored/editable in the prefs-file) that will keep the original
```

aspect of each image to be catalogized.That is not fitting each
thumbnail in its whole dimension as the old/other scalingmode
('Absolute') did.Can be useful if the images dont have a similar
aspect as the thumbnails to prevent strong deformations.Just
test it and check which one you like best...
   Requested by Tom Henderson
– If the second font is bigger than the first one,the display got
   messed as the the size of the first font was used for calcing
   only.Now the bigger one of both is taken for such...
– Added MORE (hehe) options to the prefs-file.They are 3 different
   Color-Settings to best suit your personal taste.The other one is
   the Mixing-Value.It defines in pct (0-100) the amount of mixing
   between the given color for the backround-area (MixRGB) and the
   image itself.
   Requested by G.Hagedorn

1.16 CatMake.guide/History/V1.04

V1.04 : – A minor bug didnt allow filenames shorter than 3 chars.I found
        it after catalogizing a dir with number-only-files and CatMake
        couldnt find any :)
      – CatMake will now first ask for the files,then inform you of the
        number and afterwards let's you decide the tiling.
         Requested by Tom Henderson (the one who only wants one catalog
         at a time :)
        In the Tiling-Requesters you will see how many files there are
        to be catalogized,also.
      – If you have AdPro 2.30 or later,then instead of the two tiling-
        requesters CatMake will show you a ListView with some default
        tilings and a selection named 'Custom' that allows the integer
        input as in older versions of CatMake (and for <2.30 users).
      – Another thing that only applies to >=2.30 users is the fact that
        in the above mentioned ListView you'll also have an 'Auto' entry
        that will automatically set tiling in that way so that ALL images
        will fit in one single catalog-picture.
        The used tiling will be the square-root of the number of images
        plus a possible rounding tolerance.Imagined that could be of use
        for dudes like Tom Henderson :) (No i have NOT found a squareroot
        function in the default ARexx-Commandset...;-)
      – If the user has AdPro 2.30 or later,then instead of color and
        Save-Strings the user may choose with a ListView from available
        modes/savers...
      – Note : Spaces in filenames do only work when using either Whole-
        Dirmode or MFRMode=1 as AdPro dont uses special chars between
        filenames when using GETFILES()...

1.17 CatMake.guide/History/V1.05

V1.05 : – Added Configfile-Versionchecking as Roger Kanemaru had some big
        probs with a new CatMake and an old configfile...This one's 4 u :)

1.18   CatMake.guide/History/V1.06

V1.06 : Again added some features requested by Roger Kanemaru :)
          - If only one Catalog is to be created,then no extension will be
            added to the CatalogBasename. It's logic,isnt it?!
          - The backround for ALL thumbnails (i.e. whole catalogs) may be a
            lot more customized now.For this reason i CHANGED THE CONFIGFILE
            (once again :) CatMake would complain...but who knows...OK
            You may define 3 new color-triples that match the 3 triples you
            would enter in the Backline-Loader in AdPro itself.If you want
            a black backround,then this means you have to zero each of the 9.
            The next variable you may set is called Back2Pos and defines the
            position of the second color-triple in relation to the first
            and last.It may be a value of 0 to 100 (percentage).
            Also attached to the Backline-Loader is the BackDir variable
            which defines the direction of a possible gradient.This may be
            one of : NW N NE E SE S SW W
            Note that if using black/white catalogs,then a possible gradient
            or color itself will be greyscaled properly...
            All these 11 variables can ONLY be set directly in the configfile!
          ->ATTENTION : Since there seems to be a problem with the Backline-
            Loader in AdPro 2.5,i temporarily changed from BACKLINE to BACKDROP.
            This means that "BackDir" and "Back2Pos" have currently no meaning
            but they still have to be set to something.The Color-Triples are
            extended to four for the 4 corners of the backdrop gradient fill.
            I will eventually add support for both,backdrop and backline in
            the next version...Confused?! Never mind...:)
            Just set all four triples to the same values to get a monochrome
            backround...
          - New feature : If you want to have the text-line seperated from the
            thumbnail (thus not overwriting anything...),then select the new
            "Seperate"-Mode.Can only be set in the configfile directly (like
            all the other special settings...).Either "YES" or "NO"
            If set to NO,then CatMake behaves like it did b4...
            In Seperate-Mode the text will be bordered from the actual thumbnail
            by a line in the color of the grid
          - Added customizable sorting.Until now only aplhabetical sorting was
            supporting.Now you may select if you want to do so or not.
            If not,then (ONLY if using AdPro 2.30 or later) a Listview will
            show up with all entries.You then select the first (doubleclick)
            entry that should be used.After that the Listview will be closed
            after which a new will open showing all but the just selected
            entry.Repeat this until the Listview wont show up again or hit
            CANCEL.The setting (ALPHA or CUSTOM) will be stored in the config.
          - Added a variable to the configfile called "SaveOnError" which
            will let CatMake save the configfile after an error occured.This
            may be leading to further errors if you envoke CatMake again with
            these saved settings.This will be the cause if the values fetched
            from a configfile produce errors.However,CatMake will try to save
            a proper and up2date configfile (at least a correct template).This
            may make it easier to find possible errors in these settings.
            Can only be set directly in the configfile,is located at the last
            line and either set to "YES" or "NO"
          - Rewrote the scaling-engine completely...Much cleaner now.Even better
            than the old one in some cases

1.19   CatMake.guide/History/V1.07

```
        V1.07 : - Added several hooks to implement custom ARexx-Code at  ←
            some
positions during the processing.Read the
        Hooks
         section
for more information!
```

1.20   CatMake.guide/History/V1.08

```
        V1.08 : - Added support for an optional text-header that will be  ←
            rendered
in top of every catalog and seperated in it's own section and
rendered with several parameters. The actual font and size are
defined in the config,but the string and some flags for it are
also defined with requesters while running CatMake.Therefore
changed configfileformat...
  - Changed way of cataloffilename generation so that it's optional
    if the saverstring for catalogs will be added at the very end
    of each catalogfilename or not.If both an indexnumber and this
    saverstring are added,then both are seperated by a '.'
  - To get more control i added color-prefs for all three different
    strings (filename,size,header) to the configfile...
  - Added heavy control over the headerstring.In fact you may set
    Emboss direction and amount and the textstyle for the Header-
    string in the configfile.Refer to your AdPro ARexx-Manual for
    detailed description of possible values...They all default to
    a plain normal setting...So dont bother...
    Added for "Power"-Users...
  - Roger Kanemaru asked for possibility to have different headers
    for each catalog...As solution i added another special hook
    called "REXX:CatMakePreAddheader.rexx" (ARexx-Script).It allows
    you to change the headerstring to whatever you want.As it also
    gets the current catalog-number as argument,it's easy to change
    the headerstring for each catalog.See the
        Hooks
        -Section in this
document and esp. about THIS script for details and example!!!
  - A PreRelease for Roger had a minor bug : When CatMake envoked a
    requester to ask for the Headerstring,it failed...This also
    resulted in a false Catalogheight saved to the prefs if SaveOnError
    was enabled...Fixed this...
```

1.21   CatMake.guide/History/V1.09

```
V1.09 : - Argh! Sorting didnt work at all (alphabetical).But as Multiselect
        results in sorted lists,i didnt notice it.Only when using whole
        Dirs,then the resulting filelist isnt sorted by the command itself
        and therefore if my personal sorting does not work (and it didnt),
        then only then you would notice anything...What it was?! - Easy!
        I snapped the routine out of another program and there the names
```

of the variables were different.And i forget to change the most
important variablename that goes thru the files and searches for
the "maximum"...OK...Works now...Finally...
- Improved some errorhandling (added some hints for reasons for
  failure)
- Picturenames with double slashes will be converted to
  ones with single slashes ("//" -> "/")
- When asked for prefs for (Re-)Rendering,then a more logical way
  is used now. Matches also better to the Catalog-Prefs
- A possibly set up Headerstring wasnt shown as default when using
  the requester to enter it...At first i thought it would be nice
  to have a kind of reminder as CatMake is Shareware...Now i think
  it's stupid and therefore the last used Headerstring will be
  given as default...
- Added an internal cosmetic change.If in RAW-Mode (wherever),then
  the number of colors will be set to a correct value...Doesnt
  affect anything at all...
- Added an internal change to configfile.It's a line in the
  "Other"-Section.Dont care about it yet...
  (It will allow you to have limited filenames e.g. for all these
  PC-BBS's around (8 chars + 3 char-extension)

1.22 CatMake.guide/History/V1.10

V1.10 : - Added new option that will proceed catalogizing even if an error
          occurs while loading a picture (for whatever reason...).If you
          set this option,then instead of the image a centered textstring
          will be rendered (but not touching the filename...so you can see
          which files need a check...).The string defaults to "Corrupted !",
          may be set in the config together with the enable/disable flag in
          the "Other"-Section and the prefs for the headerstring (regardless
          whether or not you enable a headerstring) (font,size,color etc.)
          are used.The background for that image will be a backdrop created
          with the same params as the backdrop used for each catalog.This
          looks kinda cool if you use a color-gradient as backdrop...
          Note that the size and depth rendered to such thumbnails wont show
          the size and depth of the image that couldnt be loaded but rather
          the size and depth of the replacement image...Of course only if
          you enable size/depth rendering...

1.23 CatMake.guide/History/V1.11

V1.11 : - CatMake didnt work when MFRMode=0 (default) and using multiselect
          mode and only selecting one item.
        - If e.g. using tiling 3x3 AND using a Headerstring,then the very right
          column of each catalog got lost which resulted in each rightmost
          thumbnail to have an right-opened rectangle and the rectangle sur-
          rounding the headerstring being opened also.
        - Added the possibility to start CatMake with arguments so that you
          can use CatMake even in batch files to run catalogizations fully
          automatical (no requesters but error-requesters).The systax is:
            CatMake [<CatBase>,<TileMode>,<DirMode> <FileData>]

CatBase is the basename for the catalogs with COMPLETE pathname!
Tilemode can be one of two types.Either a direct tilingmode
 like 2x3 3x3 6x6 etc. OR the keyword AUTO which will place all
 pictures on one single catalogpicture.
DirMode is either WHOLE or MULTI.If WHOLE,then FileData defines
a DIRECTORYname,if MULTI,then FileData is a list of strings,EACH
included in quotes and each defining ONE filename WITH complete
pathname!
This allows you to even catalogize files from more than one dir
in one pass.

Mind the "," between the first three arguments,BUT a space
between DirMode and FileData!!!

Possible calls :

```
RX CatMake.rexx
 The normal way...Results in some requesters or more...

RX CatMake.rexx RAM:Catalog.,4x4,WHOLE Data:Pics/
 Catalogizes all files in Data:Pics/ in 4x4 tiling and saves the catalogs
 to RAM:

RX CatMake.rexx RAM:Catalog.,AUTO,MULTI "Data:Pics/Nice.GIF" "Work:New.IFF"
 Same as above,but puts all images on one catalog and only processes
 the two given pictures
```

- Sometimes (in very special situations...) it could happen that the
  desired catalogpictureheight got smaller than entered and this
  value got saved to the prefs so that if you used the prefs the
  next time using CatMake,the catalogpictures would have get smaller
  also.This was due to Headerstrings...Works now 100%
- The "CatMakePreCatSave.rexx"-Hook may now change the filename of
  the catalog that is saved next (after the hook is called).Therefore
  another CLIP has been added.It's called "CatMakeCatName".To see how
  you can use a CLIP,see the main-document Hook-Section!
  This hook now also gets the filename/path as argument (it's the same
  string as the CLIP hold,but i also added it)
  For this feature to function properly,the checking if a catalog
  already exists is DISABLED IF CatMake is invoked with arguments from
  a shell (so that a possible requester WONT interrupt but the user
  has to care for that by himself (or the catalogs get overwritten))
  However recognized catalogs wont be catalogized anyway.So you just
  have to care for the naming of the new catalogs...Just use the same
  basename all the time and you can easily run CatMake whenever you
  want over your picture-library using CatMake with an argumentline.
  If you e.g. have 3 picture directories:
   Data:Pics/X-Rated/ , Work:Downloaded/ToDo/ , BBS:Tracings/
  and want to have catalogs created/updated to the current state
  of these,you could use the following batch:

```
Run AdPro:AdPro
RX CatMake.rexx Data:Pics/X-Rated/Catalog.,4x4,WHOLE Data:Pics/X-Rated/
RX CatMake.rexx Work:Downloaded/ToDo/Cat.,3x3,WHOLE Work:Downloaded/ToDo/
RX CatMake.rexx BBS:Tracings/Catalogs/Number.,5x5,WHOLE BBS:Tracings/
RX "ADDRESS 'AdPro';ADPRO_EXIT"
```

- Roger Eriksson asked why CatMake always uses Floyd-Dithering.I
  checked it out and found out that i did set the dithering always
  (fixed) to Floyd.STUPID ;-) Now the dithering,that is selected in
  AdPro itself is used for both rendering catalogs and (Re-)Rendering
  of alternative images...Thanx Roger (Hmmm...Now we have two Roger's
  using both CatMake on a regular basis...;-)
- Mister Eriksson has also problems with his Merlin in some way that
  the screen-type isnt what it should be...I removed setting the
  screen-type from within the script...That doesnt change anything
  as the screen-type that is set is identical to the one which was
  selected before CatMake is started...

1.24 CatMake.guide/History/V1.12

V1.12 : - Roger Eriksson asked for another arrangement of the filename and
          size-string (until now size was right-aligned which could result in
          overwriting of both strings...).For this reason the Size-Flag in
          the configfile (named "Size") supports the settings "RIGHT" and
          "BOTTOM" in addition to "YES" and "NO".If set to "YES",then the
          size-string will be right-aligned.The same if using "RIGHT"."BOTTOM"
          will put the size-string under the filename and also add a seperating
          line between both IF "Seperate" is also "ON".
        - Updated manual to current version (the doc is now considerably
          bigger than the actual script...WOW!)

1.25 CatMake.guide/History/V1.13

V1.13 : - Oops...When loaded prefs were not Up2Date and CatMake proceeded using
          the built-in,then the new prefs didnt get saved at all!A missing
          CLOSE() prevented access to the same file once again...Thanx to Roger
          from Hawaii ;-)
        - Some systems (at least mine) may not have the DISK-font Topaz.As this
          font was used in the internal defaults,one could think that CatMake
          is buggy as hell as no text is rendered in this case.This comes from
          the fact that since some Kickstart (2.04 ?!) the Topaz-Font is (also)
          in the ROM...I dont remember if the Topaz is nevertheless installed
          by Commodore by default...After all I changed the default font to
          Helvetica and changed the default sizes also to make the default
          text-output somewhat more interesting.Also changed some color-values
          and the tiling in the internal defaults...
        - If CatMake hasnt yet opened a CON: (output-window),then it now wont
          wait before quitting if an error occured as it did before (resulting
          in AdPro not taking any commands for some seconds).Now CatMake only
          waits before quitting if it's output-window is open (and thus
          allowing the user to read something that could be important in one
          or another way)
        - More requesters will now default to the thing fetched from the loaded
          or internal config.To be exact : The OKAY2-Requesters (with one "OK"
          and a "Cancel" button) will now be able to swap the "OK=" and
          "Cancel=" strings accrding to the prefs.The string corresponding to
          the Cancel-Button is the default for these requesters (as printed in
          bold).Unfortunately i dont really remember if you need a requester-

patch like RTPatch/ReqPatch/ReqChange to profit from this feature as
it may be that without such a patch you cant confirm such requesters
with the Return-Key.However at least the position will be the same.
That means that OKAY2-Requesters will have their "default" as their
right button...Hope you like it...It makes "miss-pressings" less
likely...
An exception are the OKAY2-Requesters fro the Headerstring-Prefs.I
think it's too confusing exchanging stuff like "Center?!"...No?!
- CatMake didnt delete the temporary thumbnails if a loading-error
  occured with one of them...
- The directory,where temporary files are stored,is now configurable.
  By default it's (as ever) "T:".You may change this in the config-
  file in the "Other"-Section...
- Catalogpicture width and height as fetched from the loaded/internal
  defaults were not used as defaults for the corresponding requesters.
  Now they do...

1.26 CatMake.guide/History/V1.14

V1.14 : - If CatMake was started with argumentline and the given DirMode didnt
          match the loaded defaults (or internal if there werent any),then
          problems occured.Fixed that one...
        - The pathname for the temporary path was handled incorrectly if it
          didnt end with a ":".Fixed...
        - Added Wildcard-Support.This will allow you to ONLY process files that
          match the Wildcard.The Wildcard-Feature can be disabled by using
          either a "*" as Wildcard or the keyword "OFF".To specify a Wildcard,
          you HAVE to use ONE "*" in the string which replaces "anything".So
          there are three possibilities.The "*" can be the first character of
          the Wildcard so that each filename has to END with the string after
          the "*" i.o. to be catalogized.If the "*" is the last character of
          the Wildcard,then each filename has to BEGIN with the string before
          the "*".If the "*" is somewhere in the middle of the Wildcard,then
          each filename has to BEGIN with the string left of the "*" AND has
          to END with the string right of the "*".
        Note : If you want to invert the Wildcard (thus specifying a Wildcard
                for the files you DONT want to be catalogized),then preceed
                the Wildcard with a "~" (first character of Wildcard is
                checked for beeing a "~" or not...)
        A Wildcard HAS to be given as argument to CatMake if it's started
        with an argumentline.The new syntax for CatMake is now :
         CatMake [<CatBase>,<TileMode>,<Wildcard>,<DirMode> <FileData>]
                                       ~~~~~~~~~~
        The Wildcard will be be prompted for with a requester and can also
        be changed in the prefsfile in the "Other"-Section
        Requested by Roger Eriksson
        - The recognition of exisiting catalogs was broken...It happened that
          existing catalogs,although having the same basename as during a new
          run of CatMake,got catalogized once again...Fixed...A side-effect is
          a speed-increase in that routine which will result in shorter time
          to display the tiling-requester...

1.27 CatMake.guide/History/V1.15

```
V1.15 : - Wildcards are NO MORE case-sensitive
          - Added support for upto two "anything" replacers for the Wildcards
            ("*")
          - If the string you enter in the Wildcard-Requester doesnt contain any
            "*",then it will be changed to simply "*"...
          - CatMake now tells you exactly how many images have to be processed
            until everything's done.This info is shown while processing each
            image...And as always it's smart enough to tell you that while the
            last image is beein processed,that then the whole stuff is finished.
          - Code-Cleanup regarding dummy-variables (stringent usage now)
          - If CatMake is started from a Shell/CON: ,then you see how many files
            are removed due to Wildcard-Checking (if any)...Purpose : Debugging
```

1.28 CatMake.guide/History/V1.16

```
V1.16 : - Argh!Swapped two lines in a wrong order and so you could get an
            Error 47 in line 659...Shame on me ;-)
          - Removing that bug i changed a DO...UNTIL loop to a DO...WHILE loop...
            This just saves one loop-running (nothing more or less than that)
          - If only one tile to process,then a spelling error occured (1 tileS)...
```

1.29 CatMake.guide/History/V1.17

```
V1.17 : - People running AdPro on it's own screen may now have luck and see
            the output-CON: of CatMake on that one instead of the default public
            screen (usually Workbench)...not tested...
          - If the wildcard contained exactly one "*" (but more than that "*"),
            then CatMake failed with an error 18 in line 603...Fixed that...
            Thanx to Roger Eriksson for reporting it.
          - The configfile has a change which doesnt affect anything (yet).As
            Roger from Sweden has probs with 1.16,i promptly release this one
            without the new feature beeing added (yet) (its a LhA/PowerPacker
            (auto-)decruncher...)
```

1.30 CatMake.guide/History/V1.18

```
V1.18 : - Wildcarding still didnt work...To be exact : It didnt when you had
            only one * in your wildcard...By mistake CatMake then assumed that
            "somewhere" there was another * (which wasnt there and therefore
            produced an error...).Lets hope that this is fixed now...
            Thanx to Roger Eriksson for reporting it.
          - Added a troubleshooting section to this doc...Currently only one
            entry...Perhaps the registered users have some tips or stuff like
            that...
          - The alphabetical sorting is now case-independant.Before,upper case
            was above lower case
          - CatMake is now able to automatically recognize and decrunch -lhx-
```

and powerpacked files (-lhx- means any file archived with lh-compression (e.g. LhA,LZH write such files).Therefore two options have been added already in the V1.17 config namely "ExamineFiles" and "ExamineNames".None,either or both can be set "ON" or "OFF".When ExamineNames is ON,then CatMake will have a look on the filenames after wildcarding them.If a filename ends with ".LHA",".LZH" or ".PP" (not case sensitive),then it will be handled correctly.With LhA and LZH files this means that "LHA" will be started and the first file in that archive will be extracted and used instead of that archive. With PP-Files this means that the decruncher "PPack" will be started to decrunch the powerpacked file.PPack is written by B.Folgmann. After processing all catalogs the decrunched LhA/LZH-Files will be deleted and the decrunched PP-Files will be crunched again. If ExamineFiles is ON,then (if ExamineNames hasnt already found a file if it is turned on also) it will have a close look on each file.It will open each file and read the first 5 chars from it.Then CatMake looks for certain strings to determine the filetype and then perform decrunching if filetype was recognized... This function was requested by Mr. Hamerla i guess...Its so long ago. I cant really remember who it was...Now i implemented it on a rainy day ;-)
   – Added option "ScreenShuffle" to prefsfile as CatMake may now open it's window on AdPro's screen and still swap like hell thru the screens (well,not THAT much...just annoying).To be flexible again, the user may decide that behaviour now.If set to "YES",then screens will be shuffled as before,if set to "NO",not only one Screen2Front will be executed...Have phun with it Roger Eriksson ;-)
   – Added my account-address to the guide (useful for german users...)

1.31 CatMake.guide/History/V1.19

V1.19 : – brand@let.dnet.basf-ag.de reported that catalogs greater than 1000x1000 wouldnt work for him (producing a "loading-error while saving was successfull").Checking that out,i added another error-trapping popping up when there is an error creating the backdrop (which is a memoryproblem then).

1.32 CatMake.guide/History/V1.20

V1.20 : – Added another goodie : When there are more than 50 files to be processed in one session,then the C:Sort command will be abused for sorting the files alphabetically as this should be quite a bit faster...Worked out after an idea of Jim Geuther/Schweiz. Make sure that you havent deleted that command yet!
   – Wildcarding nuked...Beeing fed up with the routine,i simply use rexxarplib now...This is faster and even more flexible.Make sure you have that lib installed if you use wildcards...

1.33 CatMake.guide/History/V1.21

```
V1.21 : - Sorting and wildcarding is now done using only ONE external
          library.It's called "rexxtricks.library" and is kinda new.
          I include the lib in it's original form with future releases.
          The lib supports some very nice things which may be used
          more widely in future versions...So far i use only 4 functions.
        - Note that it is possible that the wildcarding only works
          with "#?" instead of "*"...It's a limitation of AmigaOS.
        - Also note that using that library greatly increases pre-
          processing and also reduces the scriptsize...
```

1.34 CatMake.guide/History/V1.22

```
V1.22 : - Added another argumentoption when CatMake is called with an
          argumentline.The new template is now :

          CatMake [<CatBase>,<TileMode>,<Wildcard>,<Header>,<DirMode> <FileData>]
                                                   ~~~~~~~~
          So you may set a headerstring for the processing...
          If you dont want to specify a header (so that the one in the
          prefs/defaults gets used,then leave it out BUT dont forget
          the "," !!! :

          No specific header :
           CatMake RAM:Catalog,3x3,#?,,WHOLE dat:pics/
                                      ~~!!
          With specific header :
           CatMake RAM:Catalog,3x3,#?,My picture collie,WHOLE dat:pics/

        - General code cleanup at some points...
        - Wildcarding with rexxtricks.library didnt work correctly...
          The specified wildcard was actually inverted!
        - New option for the prefsfile : TextRender=<YES | NO>
          If set to YES,CatMake behaves like in the past.
          if set to NO,CatMake wont render ANY textstring to the
          TILES (not the header is meant!).This means that the
          thumbnails will have maximum space in their tiles.It's
          like Seperate=NO and no mixing and stuff...
          Therefore prefsfileversion increased...
        - Changed the contact address in this guide...
```

1.35 CatMake.guide/History/V1.23

```
        V1.23 : - Added another argumentoption when CatMake is called with ←
                  an
        argumentline.The new template is now :

        CatMake [<CatBase>,<TileMode>,<Wildcard>,<Header>,<PrefsFile>,<DirMode>  ←
            <FileData>]
                                                           ~~~~~~~~~~~
        So you may now specify a specific prefsfile to use...Very handy
        for full automatism...
```

- The last entry in the filelist was not sorted in when using Alpha-
  sorting (it remained as the last file=tile)
- If AdPro isnt running on startup,then CatMake will try to run it.
  It starts "Adpro:Adpro".This is done with a trick as AdPro needs
  a Stack of at least 4096 and i dunno how to set it any other then
  by creating a batchfile in T: and then executing it...It works
  fine though.That tmp-file is deleted immediately...and AdPro is
  exited if it was runned by CatMake.
- Speed-Improvement!The more tiles a cat has,the faster CatMake is
  now compared to prior versions.The simple trick : The grid in each
  catalog is not anymore created of rectangles around each tile but
  instead is created of maximum wide horizontal and maximum high
  vertical ones.So we now only need XTiles + YTiles rectangles to
  draw instead of XTiles x YTiles !!!(read : 20 instead of 100 !!!)
- Added
         wildcard
         section to this guide...

1.36 CatMake.guide/History/V1.24

V1.24 : - Minor changes to prefsfileparsing
        - Already present cats werent recognized (since some versions...)
        - Now also creates bak-files of bak-files etc. (if "rename"
          selected when a present cat is recognized)
        - A bit faster in preprocessing
        - If used aspectscaling and an error-thumbnail was generated with
          sizestring=bottom,then the "Corrupt"-String was displaced and
          scaled...
        - STRRRRIIIIKE! ;-) Catalogcomposing is now a lot faster...Junked
          a lot of unnecessary rectangles() - chek-id-oud!
        - Added ExtensionTerminator ;-) If set to YES,then CatMake will
          strip everything after and including the last "." of each
          filename : "KewlPic.GIF" -> "KewlPic"
                     "Foo.Bar.Pic.JPEG" -> "Foo.Bar.Pic"
                     "Not.Extension" -> "Not"
          Therefore format of Configfile changed (now V2.0) - Find the
          "StripExtension =" at the beginning of the prefsfile!

1.37 CatMake.guide/Index

         (Not that big eh?! - I dunno what to add here...)

         Argumentline

         ->

         ->

         ->

         Hooks

```
Prefsfile

->

->

->

Wildcards
```