ImageDeskE

COLLABORATORS

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ImageDeskE

1.1   ImageDeskE.guide

ImageDesk

An utility for cataloging graphics archives

Version 3.0

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SHAREWARE

1.2 ImageDeskE.guide/M1_INTRD

```
Introduction
************
```

ImageDesk is a program to catalog graphics archives by generating
small   representations   of   pictures,   so   called thumbnails. Those
thumbnails are internally being expanded into objects   which   include
all   essential   data of its represented picture. These can be combined
into loadable and savable thumbnail catalogs in which XPK compression
is   supported   to   reduce   memory   consumption   on storage medias. The
catalogs are directory orientated, this   means   the   pictures   of   all
included   thumbnails   are   in   the   same directory path. the following
picture types are supported and will be recognized automatically:

   * IFF ILBM (color mapped, EHB, HAM, HAM8, DEEP, DCOL)

   * GIF (87a, 89a)

   * JPEG (1)

   * PCX (1 bit upto 32 bit)

   * BMP (4,8 and 24 bit, OS/2 and Windows formats, unpacked only)

   * PCD (upto BASE size)

   * PNM (P4, P5 und P6)

   * TARGA

   * Amiga DATATYPES (picture class)

The corresponding picture of a thumbnail object can be shown if
requested. Therefore two internal viewers, the window and the screen
viewer, exist for each internal supported format. The latter are able
to view Images on CyberGraphics, Picasso or standard 8 bit screens,
but it is also possible to specify external viewers or AREXX programs
which ImageDesk will call on demand.

---------- Footnotes ----------

(1) ImageDesk needs the "Tower JPEG Codec Class" from Christoph Feck
for its JPEG support.

1.3 ImageDeskE.guide/M2_REQUI

```
System Requirements
*******************
```

To figure a thumbnail image on the desk, ImageDesk needs an Intuition
Screen with 256 colors. Hence the minimum requirements of Kickstart
version is 3.0 (V39) or higher, and of the graphics hardware the

ability to provide 8-bit Intuition screens.

This distribution contains two versions of ImageDesk. One is compiled for standard systems with a 68000 CPU, the other version has been optimized for 68020 processors, but should run on 030 and 040 systems too. A coprocessor is not required (ImageDesk makes no use of floating point arithmetic).

In quiet state the program allocates about 1MB of system memory, but during loading or generating catalogs the memory consumption will increase drastically. For calculating the thumbnail images it is necessary to extend all pixel data to a bitdepth of 24, additionally catalogs are being held in a buffer, therefore at least 4MB of continous memory is recommended.

1.4 ImageDeskE.guide/M3_INSTL

```
Installation
************
```

The installation procedure is handled completely by the Installer. You just have to double-click one of the Install.Deutsch or Install.English icons in the ImageDesk drawer.

To install the "Tower JPEG Codec Class" (which is necessary for ImageDesk's JPEG support) just double-click the Install icon in the JPEG Codec drawer. If the JFIF DataType by Christoph Feck has been installed already, It is not necessary to do this installation procedure.

1.5 ImageDeskE.guide/M4_FASTE

```
Quick Start
***********
```

ImageDesk can be started from the Shell, or from the WorkBench. In both cases the same arguments and tooltypes are supported.

```
PREFS=<FileName>
     ImageDesk opens the prefs file <FileName>

CATFILE=<FileName>
     ImageDesk opens the catalog <FileName> immediately after the
     ImageDesk startup

REXXFILE=<FileName>
     ImageDesk executes the AREXX program <FileName> immediately after
     the ImageDesk startup

LOGFILE=<FileName>
```

ImageDesk creates an error report file

TEMPFILE=<FileName>
     Specifies the name for temporary files (default:
     "T:ImageDesk.temp")

VILLAGEMODE
     For Picasso users with CyberGraphics drivers installed: ImageDesk
     starts in Village mode (normally not required).

If no prefs file was specified, ImageDesk will look for the file
ImageDesk.idprefs in the program directory. Should no valid prefs file
be found, ImageDesk asks via requester for the screen and font to be
used. If it gets all required resources, the screen will be opened and
all available functions will be accessable by the menu (and partly by
hotkeys too).

Menu Project
....

New (<R-Amiga>+<N>)
     First of all a requester asks for path and pattern of files to be
     processed. If this requester is confirmed positively ImageDesk
     closes the current catalog buffer, opens a new one, generates a
     thumbnail object for all selected and supported images, adds it to
     the new buffer, and lets it appear on the desk.

Open (<R-Amiga>+<O>)
     Opens a requester which allows you to select a formerly generated
     catalog file. An already opened catalog buffer will be closed
     first.

Close (<R-Amiga>+<C>)
     If a catalog buffer is active it will be closed and its memory
     will be freed.

Save as... (<R-Amiga>+<S>)
     Saves the current catalog buffer into one single file. You will be
     prompted for a file name by a requester.

Generate Catalog (<R-Amiga>+<G>)
     Similar to New, but additionally you will be prompted for the file
     name the catalog file will get because the catalog will be saved
     immediately. In opposition to New, the catalog can be split into
     more partitions if necessary.

Execute Arexx (<R-Amiga>+<X>)
     Executes the AREXX script selected in a file requester.

Information (<R-Amiga>+<I>)
     Informs you about the current program state.

About
     No comment.

Quit (<R-Amiga>+<Q>)
     Quits ImageDesk after a confirmation request.

Menu Edit Buffer
....

Add Thumbnail (<R-Amiga>+<H>)
     Asks for a file name of a picture, generates a thumbnail and adds
     it to the catalog buffer.

Add Multiple (<R-Amiga>+<U>)
     Asks for a pattern to specify files, generates thumbnails and adds
     them to the catalog buffer.

Remove Entries... (<R-Amiga>+<E>)
     Opens a window where the entries of the catalog buffer can be
     selected for removal.

Change Picture Path (<R-Amiga>+<&>)
     Changes path for the catalog buffer´s pictures. The new path will
     be asked by a requester.

Update >>
     Completely (<R-Amiga>+<K>)
          Tries to update the catalog buffer completely.

     Only Add New (<R-Amiga>+<F>)
          Tries to add new thumbnails for uncataloged pictures.

     Only Remove Exceeded (<R-Amiga>+<J>)
          Removes all thumbnails which corresponding pictures do not
          exist anymore.

Menu Edit Page
....

Redraw (<R-Amiga>+<W>)
     Redraws the screen, unbuffered thumbnails will be lost.

Add Thumbnail (<R-Amiga>+<A>)
     A single picture thumbnail object will be created and added to the
     current screen page. It will not be included in the catalog buffer.

Remove Thumbnail (<R-Amiga>+<R>)
     The next selected thumbnail object will be removed from the desk.

Clean Whole Desk (<R-Amiga>+<D>)
     After an optional confirmation request, all of the thumbnail
     objects on the desk will be removed.

Mark & Delete (<R-Amiga>+<M>)
     First of all the thumbnail objects to be removed have to be marked
     by a mouse click. If this menu item is selected again all marked
     Thumbnails will be removed from the desk.

Menu Navigate
....

Next Page (<Cursor right>)

Turns to the next screen page within the catalog buffer.

Next Page (<Cursor left>)
     Turns to the previous screen page within the catalog buffer.

Up One Row (<Cursor up>)
     Scrolls up a row within the catalog buffer.

Down One Row (<Cursor down>)
     Scrolls down a row within the catalog buffer.

Select Range... (<R-Amiga>+<L>)
     Opens a special requester which enables you to select a range
     within the catalog buffer. All thumbnails in this range will then
     be shown.

Catalog Browser... (<R-Amiga>+<B>)
     The catalog browser provides a quick overview of a catalog.
     Besides the thumbnail image, all available data of the
     corresponding pictures will be displayed.

Menu View Images
....

Single File (<R-Amiga>+<V>)
     Views a choosen picture if its format is known by ImageDesk.

Path Contents (<R-Amiga>+<P>)
     Works like Single File, but every file name which visible in the
     file requester will be processed.

Selected Thumbnails (<R-Amiga>+<T>)
     First of all, the desired thumbnail objects have to be marked by a
     single click on its image, after that this menu item needs to be
     selected again. Now all pictures which belong to the marked
     objects will be viewed one by one.

Menu Preferences
....

System Prefs (<R-Amiga>+<?>)
     Opens a window for changing the system preference settings.

Viewer Prefs (<R-Amiga>+<!>)
     Opens a window for changing the viewer preference settings.

Thumbnail Prefs (<R-Amiga>+<=>)
     Opens a window for changing the thumbnail preference settings.

Confirmation Requests (<R-Amiga>+<,>)
     Determinse if the user should be asked before doing things
     like closing the catalog buffer or removing thumbnails.

Hide Statusbar (<R-Amiga>+<.>)
     Should the statusbar be hidden or visible.

Hide Title (<R-Amiga>+<#>)

```
     Should the screen title be hidden or visible.

Load Prefs (<R-Amiga>+<Y>)
     Load in other preference files.

Save Prefs (<R-Amiga>+<Z>)
     Saves the current preference settings.

Reset to defaults
     Overrides the current preference settings, and uses default
     values. Screen size and font will be asked for by a requester.
```

1.6 ImageDeskE.guide/M5_TOUSE

```
Usage in general
****************


  Program concept           Thumbnail objects, catalogs ...
  Starting ImageDesk        Stack size, tooltypes ...
  Configure ImageDesk       Adjust to your own requirements
  Menu                      The menu structure
  Restrictions              ...of the unregistered version
  Hints on usage            Tips and hints
```

1.7 ImageDeskE.guide/M50

```
Program concept
===============
```

This section should illustrate how ImageDesk handles things internally, and should explain some concepts to avoid misunderstandings.

As already described in the Introduction section, ImageDesk creates small images from picture files which are commonly known as thumbnails. The image of a thumbnail and some essential data of the original picture, are grouped together into a data compound which will henceforth be called a thumbnail object.

Several thumbnail obects can be summarized into thumbnail catalogs. Once generated, such catalogs can be loaded or saved at any time. Sometimes the thumbnail objects of a catalog will be called catalog entries.

To limit the memory consumption, and to simplify the administration, a catalog has some restrictions

   – All thumbnail entries will have the same basic size for width and height.

- The catalogs are directory oriented. This means a catalog may only
  have entries whose original pictures are stored in the same
  directory.

ImageDesk holds loaded or generated catalogs in the catalog buffer.
Starting with ImageDesk 3.0, the thumbnails of a buffered catalog will
be organized dynamically and automatically be sorted. Such a catalog
buffer may be edited (adding and removing entries or updating the
catalog) and saved afterwards.

Remark: During the generation of catalogs You won´t see the the
thumbnails immediately sorted on the screen. But when the generation
has finished, the thumbnails will be redrawn sorted.

The visible thumbnails may be originated from pictures of various
directories and there is no direct coherention of visible thumbnails
and the catalog buffer. Therefore ImageDesk has no possibility to save
all visible thumbnails into a catalog.

1.8 ImageDeskE.guide/M51

Starting Imagedesk
==================

Due to my experiences, the stacksize is not growing much higher than
2KB. Therefore the default size of 4096 Bytes will be sufficient in
most cases. If you work mainly with images much wider than 1000 pixels
it is recommended that you increase the stacksize to 8KB.

ImageDesk could be started from a shell or by Workbench. Currently
there are five arguments and tooltypes, resp., allowed:

PREFS=<FileName>
     ImageDesk tries to load the prefs file <FileName> at the startup.
     If this file could not be found or if it is not a valid ImageDesk
     prefs file, default values will be used. Prefs files created with
     ImageDesk 1.3 or older are not supported any longer.

CATFILE=<FileName>
     ImageDesk opens the catalog file <FileName> immediately after
     starting up.

REXXFILE=<FileName>
     ImageDesk executes the AREXX program <FileName> immediately after
     starting up.

LOGFILE=<FileName>
     While ImageDesk generates thumbnail catalogs it does not allow
     requesters to pop up. To get informed about which files haven´t
     been processed, ImageDesk optionally creates an error report. This
     report is in an ASCII text file and will be saved as <FileName>.

     Tip: This file may also be a console window.

```
TEMPFILE=<FileName>
     When ImageDesk uses datatypes, it requires a temporary file to
     save this datatypes object as an IFF picture. By default its file
     name is T:ImageDesk.temp. But if your system has not much memory,
     it is recommended not to use T: for the path of this file. In this
     case you´d better redirect this path into one of your harddisk
     partitions.

VILLAGEMODE
     (for usage with a picasso graphics board only) If the
     CyberGraphics software is installed on the system, ImageDesk will
     use it for its special screens in 8/15/16 or 24 bitdepth by
     default. if VILLAGEMODE is set, it will try to use the emulated
     Picasso drivers instead. Should be ignored in most cases.
```

If no configuration file has been specified at programstart, ImageDesk
will try to find the file ImageDesk.idprefs in the program directory.
The first time you start ImageDesk it won't, of course, find a
configuration file. In this case ImageDesk reports about it, and you
will be asked for screen mode and screen font. The other values will
be set to defaults. Before exiting ImageDesk asks you for saving the
last used preference settings. If ImageDesk is started the first time,
it is recommended to set all the preferences values to your own
requirements by selecting the menu items System Prefs, Viewer Prefs,
and ThumbNail Prefs (see also Configuration).

1.9 ImageDeskE.guide/M52

```
Configuration
=============
```

The configuration adjustments in ImageDesk have been splitted in three
major groups:

   * System preferences

   * Viewer preferences

   * Thumbnail preferences

Therefore, three preferences windows are available:

```
  System Prefs
  Viewer Prefs
  Thumbnail Prefs
```

1.10 ImageDeskE.guide/M521

```
System Prefs
------------
```

The valid screen mode data is displayed in the frame titled Screen. A
mouse click on the ?-button opens a screen mode requester where a new
screen mode can be selected. It is also possible to choose higher
values for width and height than the screen's visible sizes. In this
case it will be opened as an autoscroll screen.

The frame titled Font can be handled the same way. Here, the font for
the screen and the windows of ImageDesk is displayed and can be
changed.

Caution: If screen mode or font has been changed and you leave this
window by pressing the USE or SAVE button, all unbuffered thumbnail
objects will be lost.

The third framed area of this window groups some gadgets where you can
choose the XPK mode to use, an encryption password if supported, and
specify the efficiency of packing. If XPK is not installed these
gadgets are disabled.

Other preference gadgets which could not be classified to a specific
group are:

Save Project Icons
     This gadget determines if an icon should be created for each
     generated catalog file. Creating project icons for each catalog
     file has a big advantage. Later, it is possible to start ImageDesk
     and load a catalog file with a single mouse click.

Use Datatypes
     If activated, ImageDesk tries to read all unrecognized files with
     the help of datatypes.

Use XPK for Catalogs
     This gadget is displayed disabled if XPK has not been installed.
     Otherwise, it determines if XPK is used for saving catalog files.

Print Execution Command
     This Gadget is significant if extenal viewers are used. If it is
     selected, the executed command will be printed in the output
     window.

Default Action
     This cycle gadget determines what happens if a thumbnail object has
     been clicked. Possible choices are:

         - View Image - Views the corresponding image immediately.

         - Execute AREXX - Runs an AREXX script, specified in Default
           AREXX Script. The script will receive file name, image type
           of the original picture and the position on the screen.

         - Requester - An information window opens which shows all
           essential attributes of the image represented by the clicked

thumbnail object:

* File name of the original image

* Path of the file

* Type of the image (IFF, JPEG, GIF...)

* Image width in pixels

* Image height in pixels

* Original bitdepth of the image

* Does the image file contain a color palette

Clicking the button Very Interesting will close the window and
nothing else will happen. The buttons View Image and Execute
AREXX will operate as described above.

Default AREXX Script
    This string gadget is used to specify the AREXX script which has
    to be executed if Default Action is set to Execute AREXX. Clicking
    the ?-button opens a file requester for choosing the script name.

Output Window
    Here the string for specifiying the attributes of the external
    viewer console window has to be edited. It is very important for
    this string to contain SCREEN=IMAGEDESK at the end. Otherwise,
    this console window won't open on ImageDesk's screen.

Max. entries per catalog
    This is a slider gadget which allows you to change the entry limit
    of the catalog files. If a scanned directory contains more entries
    than specified here, enough catalog files will be generated as
    necessary to store all of its thumbnails. Should more than one
    catalog file be used for a single scan, the files will be numbered
    and its filename will get this number as a file name extension.

There are four additional buttons, horizontaly spreaded at the bottom of
the window:

Save
    The current configuration will be saved, the window is closed, and
    the changed values will be used in ImageDesk.

Use
    The edited configuration is used immediately and the window is
    closed.

Load
    You will be prompted in a filerequestor for a prefs file which is
    loaded afterwards. The window remains open to let the user make
    further changes to the loaded prefs.

Cancel
    The window is closed, all changes will be dismissed.

1.11   ImageDeskE.guide/M522

```
Viewer Prefs
------------
```

This window is used to select which viewer is used for each supported
image format. To select, click on one radio button for custom screen,
external or window.

```
Remarks:
    * If the 'Tower JPEG Codec' has not been installed, the corresponding
      buttons are disabled.

    * There are no prefs for a datatypes viewer because such readed
      images will be convertet into IFFs. Therefore the IFF-prefs are
      also valid for images readed with the help of datatypes.
```

To specify an external viewer, you have to type the viewer name and the
arguments you want to use. Instead of a file name type %s. A small
example:

Suppose you want to use the picture viewer called GigaView and usally
you would call this viewer by typing:

```
                GigaView <FileName> SCREENBEHIND
```
In the corresponding gadget you would have to type the following string:

```
                GigaView %s SCREENBEHIND
```

Caution: you have to use the whole path instead of the viewer name
only. Otherwise ImageDesk may not find it.

The preferences in the framed area named Internal Viewer Prefs are
meaningless for external viewers and partly meaningless for most image
formats.

```
Display Screens
     With this cycle gadget you tell ImageDesk how to determine the
     custom screens for displaying the images.

         -      autoscreen - ImageDesk tries to find optimal values for
            screen mode and screen size by itself.

         -      requester - Everytime an image has to be displayed, the
            user will be asked for a screen mode by a requester.

         -      global - Fixed screen IDs will be used. The user is
            responsible for Global CLUT Screen and Global DCOL Screen to
            have valid values.

Display Size
     Which size the images should be displayed in is set here.  These
     values are meaningless for the external viewers.
```

- original - The image will be displayed in original size.

- small - The image will be displayed in half the hight and half the width.

- tiny - The image will be displayed in a quarter the hight and a quarter the width. Caution: The values in Display Size are only meaningful for the image formats PCD and JPEG.

Orientation
    These adjustments will cause the following:

- Auto - Tries to find out the orientation by itself.

- Force Landscape - PCD only: Displays images in landscape mode.

- Force Portrait - PCD only: Displays images in portrait mode.

- Upside Down - Displays images mirrored to the x-axxis.

- Left to Right - PCD only: Displays images mirrored to the y-axxis.

Global CLUT Screen
    After clicking on the ?-button a screen requester appears where you have to choose an 8-bit screen. This selected screen mode is used for displaying all images containing up to 256 colors. This setting is only significant if Display Screens is set to global.

Global DCOL Screen
    Same as Global CLUT Screen, with the difference that a screen mode for all images containing more than 256 colors has to be choosen.

    Remark: it is quite possible to choose an 8-bit screen mode, but the display quality will be not very satisfying.

Dither 8-Bit Displays
    If this gadget is checked, the images in 8 bit illustration (this is valid for the window viewers and for the 8-bit screen viewers) are displayed dithered. This improves the display quality of the image, but slows down the procedure a bit. Only images which contain more than 256 colors will be dithered. This means all 15/16/24/32 bit pictures and HAM images.

Use Original Palette
    If checked, this gadget says that the window viewers will use the original color palette of the pictures. Therefore, it is meaningful for images which only contain up to 256 colors. If 'Use Original Palette' is activated, ImageDesk temporarily switches its palette to the one of the picture. This will cause a somewhat strange looking user interface but it will decrease the the time for building up an image dramatically and will avoid quality losses. In the other case the image will be converted to 24-bit RGB row by row and scaled to 8-bit RGB, afterwards (for the

```
    insiders: RRRGGGBB).
```

SuperBitMap Window
     If checked the Window viewer opens its Window as a
     "SuperBitmapWindow". The SuperBitmap window has the advantage
     that the picture is visible during reading, but it needs much more
     system resources and causes scrolling problems on CyberGfx screens.

Delay
     The maximum duration time an image has to be displayed (in 1/10
     seconds). After all, the display could be closed at any time (any
     keystroke or mouse button when screen viewers are used, ESC-key or
     CloseGadget when the Window viewers are used).

The four additional buttons SAVE, USE, LOAD and CANCEL have the same
meaning as they have in the System Prefs window.

1.12   ImageDeskE.guide/M523


```
Thumbnail Prefs
---------------
```

In this window it has to be choosen how the thumbnail objects have to be
presented or rendered.

The upper three gadgets are responsible for the font which is used for
printing the file name below a thumbnail image (if desired). This font
has to be selected the same way as described in System Prefs.

The next four gadgets have the following meaning:

Show File Names
     If selected, file names will be displayed below the thumbnail
     images.

HiQuality
     This switch is just relevant for the formats PCD and JPEG. If it is
     activated the original images will be used for calculating the
     thumbnail images instead of reading them in already scaled.

     Remark: HiQuality requires much more memory and rendering time
     while calculating thumbnail images for the above mentioned formats.

Dither Method
     Since ImageDesk has to deal with a limited number of colors, the
     thumbnail images are not always in the best quality, especially if
     the images contain fine colour runs. If FLOYD or ORDERED has been
     selected in this cycle gadget, a bigger colorspace is simulated by
     the use of dithering. However, using dithering does not always
     result in a better quality of the thumbnail images, as the
     pixelspace is to small to cheat the eyes perfectly.

Thumbnail Size
     This cycle gadget determines the basic size of the thumbnails.

```
      Remark: For performance and quality reasons the thumbnail images
      won't always get exactly the specified size.
```

The four additional buttons SAVE, USE, LOAD and CANCEL have the same
meaning as they have in the other prefs windows.

Caution: If you have made changes in this window, it may be necessary
to remove all active thumbnail objects from the screen. Otherwise all
changes will be dismissed.

1.13 ImageDeskE.guide/M53

```
Menu
====
```

```
  Project
        Edit Buffer
                  Edit Page
                          Navigate
                                  View Images
                                          Preferences
```

1.14 ImageDeskE.guide/M531

```
Project
-------
```

```
  New              A N
  Open             A O
  Close            A C
  Save as...       A S
 ~~~~~~~~~~~~~~~~~~~~~~~
  Generate Catalog A G
 ~~~~~~~~~~~~~~~~~~~~~~~
  Execute Arexx    A X
 ~~~~~~~~~~~~~~~~~~~~~~~
  Information      A I
  About...
 ~~~~~~~~~~~~~~~~~~~~~~~
  Quit             A Q
```

1.15 ImageDeskE.guide/M5311

```
New
...
```

First of all a requester asks for path and pattern of files to be
processed. If this requester is confirmed positively, ImageDesk closes
the current catalog buffer and opens a new one. After that it
generates a thumbnail object for all selected and supported images,
adds it to the new buffer and lets it appear on the desk.

1.16   ImageDeskE.guide/M5312

```
Open
....
```

An ImageDesk catalog file will be loaded into a new catalog buffer if
the selected file is identified as a correct catalog. A formerly
opened catalog buffer will be closed before the new one is opened.

1.17   ImageDeskE.guide/M5313

```
Close
.....
```

If there is an active catalog buffer it will be closed after a
optional confirmation request. Its allocated system memory will be
freed.

1.18   ImageDeskE.guide/M5314

```
Save as...
..........
```

Saves the current catalog buffer into one single file. You will be
prompted for a file name by a requester. It takes care of the XPK
Prefs, but ignores the value in max. entries per catalog.

1.19   ImageDeskE.guide/M5315

```
Generate Catalog
................
```

This menu item branches into two subitems:

* Show Thumbnails – First a file name is requested for the
  catalog file to be generated. After this another requester opens
  where path and pattern for the picture files can be choosen. Any
  additionally selected files will be ignored. If the OK–button has
  been pressed, ImageDesk starts to examine all of the files listed
  in the requester for being in a supported format. In each case in
  which they are a supported format, a thumbnail object will be
  generated which appears as an intuition gadget on the screen and
  which will be added to the catalog buffer.

* Hidden – Acts exactly like Show Thumbnails, but the generated
  thumbnail images won't appear on the desk.

The process monitor which appears during the generation process helps by
estimating the current state of the procedure. To stop the thumbnail
generation, press the ESC–key and it will be interrupted on the next
possible point of time. Generate Catalog takes care of the XPK Prefs
and max. entries per catalog in System Prefs.

Remark: If the generation process has been interrupted, all former
generated objects will be saved correctly.

1.20   ImageDeskE.guide/M5316

Execute Arexx
....

Executes an Arexx script which has to be selected by a file requester

1.21   ImageDeskE.guide/M5317

Information
....

Opens a information window which tells:

* Name of the public screen

* Name of the AREXX port

* Graphics board mode

* Currently valid thumbnail sizes

* Available memory

* Thumbnail deskspace

* Number of thumbnail objects used

1.22   ImageDeskE.guide/M5318

```
About
.....
```

Opens a information window which tells about program version, author
and wether you are a registered user.

1.23   ImageDeskE.guide/M5319

```
Quit
....
```

Exits ImageDesk after a confirmation request. The current preference
settings can be saved before you exit.

1.24   ImageDeskE.guide/M532

```
Edit Buffer
-----------


  Add Thumbnail       A H
  Add Multiple        A U
  Remove Entries...   A E
  Change Picture Path A &
  Update                >>
```

1.25   ImageDeskE.guide/M5321

```
Add Thumbnail
.............
```

Adds a thumbnail object to the catalog buffer which has to be selected
in a file requester. The path for the images is given and cannot be
changed.

1.26   ImageDeskE.guide/M5322

```
Add Multiple
............
```

Several picture files can be choosen by specifying a search pattern in

the file requester. The path for the images is given and cannot be
changed.

1.27 ImageDeskE.guide/M5323

Remove Entries...
....

Opens a window which lists all entries of the catalog buffer and shows
the selected thumbnail. Every listed entry can be removed from the
buffer.

1.28 ImageDeskE.guide/M5324

Change Picture Path
....

If the path of cataloged pictures has changed, it has to be changed in
the catalog, too. Former it was necessary to use CATChPath for this
job. Now ImageDesk can do it internally.

If this menu item has been selected, a requester appears in which you
have to choose the new path. After the selection, ImageDesk changes the
picture path of the current catalog buffer to your selection. All
visible thumbnail-objects will be redrawn afterwards to apply this
patch change to them, too. unbuffered thumbnails will be lost.

1.29 ImageDeskE.guide/M5325

Update
......

    Completely   A K
    Only Add New   A F
    Only Remove Exceeded A J

1.30 ImageDeskE.guide/M53251

Completely
....

Tries automatically to do a complete update of the catalog buffer. It

will be testet if there are uncataloged images in the picture
directory and then generates thumbnail objects for them. Besides this,
every catalog entry will be checked if its corresponding picture still
exists. If not the thumbnail will be removed.

1.31 ImageDeskE.guide/M53252

```
Only Add New
............
```

Tries to find all uncataloged files of the picture directory and to
generate thumbnail objects for them which will be added to the catalog
buffer.

1.32 ImageDeskE.guide/M53253

```
Only Remove Exceeded
....................
```

Removes thumbnail objects from the catalog buffer which corresponding
pictures does not exist anymore.

1.33 ImageDeskE.guide/M533

```
Edit Page
---------
```

The menu items contained here serve for adding or removing thumbnail
objects from the desk. It will not have any effects on the catalog
buffer.


```
  Redraw           A W
  Add Thumbnail    A A
  Remove Thumbnail A R
  Clean Whole Desk A D
  Mark & Delete    A M
```

1.34 ImageDeskE.guide/M5330

```
Redraw
......
```

The current Page will be fully redrawn. All unbuffered thumbnails will
be lost.

1.35 ImageDeskE.guide/M5331

Add Thumbnail
....

A file name for a picture is requested and a thumbnail object will be
generated for it on the desk.

1.36 ImageDeskE.guide/M5332

Remove Thumbnail
....

The thumbnail object selected next will be removed from the desk.

1.37 ImageDeskE.guide/M5333

Clean Whole Desk
....

All thumbnail objects will be removed form the desk. Depending on the
current   preferences   a   confirmation   request   is   made   before   the
operation is performed.

1.38 ImageDeskE.guide/M5334

Mark & Delete
....

First of all, ImageDesk turns into a marking mode. You will be
prompted to mark all thumbnail objects you want to remove by clicking
them with the mouse. ImageDesk confirms this by rendering a frame
around the object. At this point of time it is still possible to
unmark selected objects by clicking them again. If the marking
procedure is finished this menu item has to be choosen again and all
marked objects will be removed.

1.39   ImageDeskE.guide/M534

```
Navigate
--------


  Next Page     (Cursor right)
  Previous Page (Cursor left)
  Up One Row      (Cursor up)
  Down One Row  (Cursor down)
 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
  Select Range...        A L
 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
  Catalog Browser        A B
```

1.40   ImageDeskE.guide/M5341

```
Next Page
.........
```

Turns to the next screen page within the catalog buffer.

1.41   ImageDeskE.guide/M5342

```
Previous Page
.............
```

Turns to the previous screen page within the catalog buffer.

1.42   ImageDeskE.guide/M5343

```
Up One Row
----------
```

Scrolls up the buffered thumbnails one row.

1.43   ImageDeskE.guide/M5344

```
Down One Row
------------
```

Scrolls down the buffered thumbnails one row.

1.44   ImageDeskE.guide/M5345

Select Range...
....

Opens a special requester which enables you to select a range within
the catalog buffer. All thumbnails of this range   will be shown
afterwards.

1.45   ImageDeskE.guide/M5346

Catalog Browser
....

The Catalog Browser provides a quick overview of a catalog. It makes
no use of the catalog buffer so it asks for a catalog file before
opening its window. This window shows the global catalog data in the
upper area:

    * catalog name

    * number of entries

    * basic thumbnail sizes

    * directory path of the images

In the middle part of the window the thumbnails image is figured on
the left side. next to it the data of the current thumbnails is shown:

    * picture name

    * picture type

    * picture height, width, depth

    * colortable information

On the right side a listview gadget is located in which all available
thumbnail entries are listed. Switching to another thumbnail is either
possible by clicking it with the mouse button or by using the cursor
keys.

Bellow this five buttons are located:

    * Load New - Loads a new catalog into the browser

    * To Desk - Copies the current thumbnail to the desk

    * View Image - Views the corresponding picture of the current
      thumbnail

    * AREXX - Calls the Default AREXX Script

```
  * Close - leaves the browser window
```

1.46   ImageDeskE.guide/M535

```
View Images
-----------
```

The menu items contained here serve for viewing pictures. The
adjustments made in the Viewer Prefs are responsible for the viewers
behavior. All internal viewers can be interrupted at any time by
pressing the <ESC>-Key.

```
  Single File        A V
  Path Contents      A P
  Selected Thumbnails A T
```

1.47   ImageDeskE.guide/M5351

```
Single File
...........
```

You will be prompted for a file name of an image file. If it is a
supported type it will be displayed.

1.48   ImageDeskE.guide/M5352

```
Path Contents
.............
```

Acts like Single File, but all files shown in the filerequester's
listview will be processed. During this procedure, a process monitor
is present in order to inform you about the current process state. To
interrupt it ESC-key.

1.49   ImageDeskE.guide/M5353

```
Selected Thumbnails
...................
```

First of all, ImageDesk turns into a marking mode. You will be
prompted to mark all thumbnail objects you want by clicking them with

the mouse. ImageDesk confirms this by rendering a frame around the
object. At this point of time it is still possible to unmark selected
objects by clicking them again. If the marking procedure is finished
this menu item has to be choosen again and all images which belong to
the marked objects will be displayed one by one.

1.50   ImageDeskE.guide/M536

```
Preferences
-----------


  System Prefs          A ?
  Viewer Prefs          A !
  Thumbnail Prefs       A =
 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~
   Confirmation Requests A ,
   Hide Statusbar        A .
   Hide Title            A #
 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~
  Load Prefs            A Y
  Save Prefs            A Z
 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~
  Reset to defaults
```

1.51   ImageDeskE.guide/M5361

```
System Prefs
............
```

Opens the window for changing the system preferences (see also System
Prefs in Configuration).

1.52   ImageDeskE.guide/M5362

```
Viewer Prefs
............
```

Opens the window for changing the viewer preferences (see also Viewer
Prefs in Configuration).

1.53   ImageDeskE.guide/M5363

```
Thumbnail Prefs
...............
```

```
Opens the window for changing the thumbnail preferences (see also
ThumbNail Prefs in Configuration).
```

1.54 ImageDeskE.guide/M5364

```
Confirmation Requests
.....................
```

```
If this item is checked, everytime a Clean Whole Desk operation is made
or the catalog buffer has to be closed, the user will be prompted for
confimation before it occurs (ignored during thumbnail generation).
```

1.55 ImageDeskE.guide/M5365

```
Hide Statusbar
..............
```

```
Wether a status line at the bottom of the screen should be  hidden  or
visible.
```

1.56 ImageDeskE.guide/M5366

```
Hide Title
..........
```

```
Wether the screen title should be hidden or visible.
```

1.57 ImageDeskE.guide/M5367

```
Load Prefs
..........
```

```
This menu item serves for loading a formerly saved configuration.  The
file name for the prefs file will be asked for by a requester.
```

1.58   ImageDeskE.guide/M5368

```
Save Prefs
..........
```

You will be prompted for a file name which will be used for saving the
current configuration.

1.59   ImageDeskE.guide/M5369

```
Reset to defaults
.................
```

The current configuration will be replaced by the default values.
Screen mode and font will be asked for by requester.

1.60   ImageDeskE.guide/M54

```
Restrictions
============
```

Without a personal key file, ImageDesk does not offer its whole
functionality. The restrictions in particular:

   * Sometimes a NervRequester will appear.

   * The generation of catalogs is limited to 39 entries.

   * ImageDesk reads 38 thumbnail entries per catalog at most.

   * The funtction Save as... is disabled.

   * Updating catalogs is disabled.

   * The catalog tool CATJoin won't work without a key file.

You can read about how to get a personal key file in How to Register.

1.61   ImageDeskE.guide/M55

```
Hints on usage
==============
```

```
Memory shortages
----------------
```

Starting with ImageDesk 2.0 catalogs will be held in memory, which is
the basis for a quick turn over of screen pages. This additionally
memory consumption may cause memory shortages on lower equipped
systems. In this case the first step sould be to redirect ImageDesk´s
temporary file to a device which doesn´t use system memory (see also
Tooltypes).

Also avoid large catalog buffers. The system prefs setting max. entries
per catalog will help you on this.

Renounce using XPK when saving or generating catalogs. ImageDesk 3.0
handles its catalog buffer in another way than older versions. When
using XPK compression, this makes it neccessary to occupy a second
temporary catalog buffer with the same size as the original catalog
buffer. To compress saved catalogs you can alternately use the tool
CATREPACK afterwards.

Using XPK

If you have enough memory, it is recommended to use XPK compression
for saving catalogs.The files will be shrunk to 35% of their original
size on the average. This shrink factor may be brougt down to 25% if
certain XPK mode and efficency have beeen choosen. Furthermore, XPK
provides password protection for catalog files. Yet for all, that it
has to be considered, your password is stored unencrypted in the prefs
file and could be read by anyone who has access to the computer
system. The following XPK methods are very useful.

    –   SHRI – provides very high packing rates

    –   RDCN – provides very fast packing

    –   MASH – provides quick packing with high rates

Caution: Don't use xpack for packing or repacking catalog files,
ImageDesk won't be able to read them then. Use CATRepack instead.

Datatypes

It is possible to renounce on datatypes support (see System Prefs). If
you only work with images, ImageDesk recognizes internally it is even
recommended because it speeds up ImageDesk a bit.

Besides this, Datatypes support has the side-effect that undesired
files like icons or fonts also will be cataloged if the corresponding
datatype is installed.

Online Help

ImageDesk does not support an internal online help function, but this
could be done external very simply:

check the tooltypes in the icon of the hypertext document
ImageDesk.guide. If it has not been done before, set a tooltype

variable to PUBSCREEN=IMAGEDESK.

If you need help after ImageDesk has been started you have to switch to
the Workbench Screen (<Left-Amiga>+<m>) and double-click the icon
ImageDesk.guide.

ImageDesk Windows

Everytime the current configuration is saved, the size and position of
certain ImageDesk windows are saved with it. The last used positions
and sizes will be stored here. If the font or screen size has changed
in the meantime it may be necessary to override these values for
opening the windows properly.

Screen Colors

ImageDesk uses an optimized color palette. 255 out of 256 possible
colors are reserved for figuring the thumbnail images. Therefore it is
not possible to let the user choose custom colors for ImageDesk's user
interface. Another consequence of this fixed palette are the unusual
colors the mouse pointer will get.

PCD support

The PCD support in ImageDesk is just rudimentary, because there is no
public PCD documentation available. A licence is very expensiv and
just affordable for commercial developers.

All used information on the PCD format, I got from studying pertinent
source codes or I found out by myself. If you want to have a more
professional Photo CD(TM) support you should consider buying
commercial product. Thereby you'll get access to the larger formats
1536x1024, 3072x2048 (and even bigger) and to image converting and
processing functions.

Changing the default project icon

If you don't like the icons generated by ImageDesk (maybe you need
'MagicWB'-style icons), you just have to change the icon named
ID_DefProjIcon(.info). This could be done with pertinent icon tools
e.g. IconEd. But you should consider not changing the icon's
attributes and also not to fix them.

1.62 ImageDeskE.guide/M6_AREXX

AREXX Port
****

   Miscellaneous

Conventions

Command references

1.63 ImageDeskE.guide/M61

```
Miscellaneous
=============
```

Since version 1.5 ImageDesk consists of an AREXX port. Such an AREXX
port has several advantages.

   – ImageDesk can be controlled by a script file

   – ImageDesk is able to communicate with other programs

   – ImageDesk can be controlled by other programs

   – It is possible to extend ImageDesks command set

There are several possibilities for starting ImageDesk AREXX scripts.

  a. By executing the AmigaDos command "rx <Scriptfile>" in the command
     line

  b. Immediately on program start by using ImageDesk's command line
     arguments (ImageDesk R=<Scriptfile>)

  c. Immediately on program start by using ImageDesk's tooltypes
     (REXX=<Scriptfile>)

  d. By selecting the menu item "Execute AREXX" in the menu "Project"

  e. By clicking into a thumbnail object (if selected in System Prefs)

  f. By clicking the AREXX button in the Catalog Browser

1.64 ImageDeskE.guide/M62

```
Conventions
===========
```

Each AREXX script for ImageDesk which has been started by a) to d) has
to begin with the following lines:

```
/* -------------------- standard startup --------------------- */

OPTIONS RESULTS
```

```
    if( ADDRESS() ~= "IDESK_REXXPORT" ) then
        ADDRESS IDESK_REXXPORT

    /* ------------------------------------------------------------ */
```

AREXX scripts which are thought to be executed on thumbnail click will receive three arguments from ImageDesk.

   * file name of the corresponding image

   * image type (IFF, GIF, JPG, PCX, BMP, PCD, PNM or TGA)

   * a position number

Therefore those AREXX programs should begin like this:

```
    /* ---- standard startup II (if started via thumbnail click) ---- */

    OPTIONS RESULTS

    PARSE ARG iname itype thpos

    /* ------------------------------------------------------------ */
```

All AREXX commands and keywords if supported have to be in uppercase letters. Up to four arguments are supported. Some of the commands show a different behavior, depending on the number of arguments (for example OPENCAT). Arguments containing spaces have to be quoted. Since AREXX is filtering these quotation marks out of static strings, they have to be forced by embedding the quoted string in "'"s in this case.

Example
....

```
    OPENCAT '"ram disk:pics.cat"'
```

If a string is stored in an AREXX variable the string has to be embedded explicitely in quotation marks.

Example
....

```
    StringVar = "This is a requester"
    IDREQUEST OK '"'||StringVar||'"'
```

Some of the AREXX commands will return a result string which can be found in the global AREXX variable "RESULT"

Example
....

```
    GETSYSINFO DESKPLACE
    deskplace = RESULT
```

In addition to a result string you will get a return code from from the commands. If a command has been executed properly without an error this will be the value 0. If the number of delivered arguments was not

right for a specific command, the return code will be 10. If a command
has been canceled by the user or an error occured, you will get a
return code of 5. The return code can be requested through the global
AREXX variable "RC"

Example
....

```
    IDGETFILE "Select a file"
    if RC > 0 then exit /* User has choosen "cancel" */
    filename = RESULT
```

Boolean values have to be made available as one of the strings "TRUE"
or "FALSE" (uppercase!). Commands which return boolean values, will
return them as strings, too.

Example
....

```
    SETVPREFS DITHER TRUE
```

1.65 ImageDeskE.guide/M63

```
Command references
==================
```

```
  ABOUTWIN
  INFOWIN
  SPWIN
  VPWIN
  TPWIN
  IDREQUEST
  ERRORMSG
  CLEANDESK
  VIEWIMAGE
  VIEWPATH
  LOADPREFS
  SAVEPREFS
  MAKETHUMBNAIL
  GENTHUMBNAILS
  DESKTOFRONT
  DESKTOBACK
  OPENCAT
  GENCAT
  QUIETGENCAT
  IDGETFILE
  IDGETPATH
  GETSPREFS
  SETSPREFS
  GETVPREFS
  SETVPREFS
  GETTPREFS
  SETTPREFS
```

```
    GETSYSINFO
    CLOSEBUF
    SAVEBUF
    NEXTPAGE
    PREVPAGE
    SELECTRANGE
    CATBROWSER
    RELOADCAT
    REDRAW
    GETBUFPOS
    REMFROMBUF
    REMFROMDESK
    GETTHUMBINFO
    TERMINATE
```

1.66   ImageDeskE.guide/M631

```
ABOUTWIN
--------

Syntax: ABOUTWIN

Description: Opens the "About" window

Result: NULL

Example: ABOUTWIN
```

1.67   ImageDeskE.guide/M632

```
INFOWIN
-------

Syntax: INFOWIN

Description: Opens the "Information" window

Result: NULL

Example: INFOWIN
```

1.68   ImageDeskE.guide/M633

```
SPWIN
-----

Syntax: SPWIN
```

Description: Opens the "System Prefs" window

Result: NULL

Example: SPWIN

1.69   ImageDeskE.guide/M634

```
VPWIN
-----
```

Syntax: VPWIN

Description: Opens the "Viewer Prefs" window

Result: NULL

Example: VPWIN

1.70   ImageDeskE.guide/M635

```
TPWIN
-----
```

Syntax: TPWIN

Description: Opens the "Thumbnail Prefs" window

Result: NULL

Example: TPWIN

1.71   ImageDeskE.guide/M636

```
IDREQUEST
---------
```

Syntax: IDREQUEST <Gadget1>|<Gadgeet2>|...|<Gadget0> <Text>

Description: Opens an intuition requester containing the body <Text>
and the button texts <Gadget1>, <Gadget2>,..., <Gadget0>.

Result: Number of selected gadget (1,2,...,0) (Integer).

Example:
     IDREQUEST "YES|NO" '"Do you want to exit?"'

```
    if( Result = 1 ) then exit
```

1.72 ImageDeskE.guide/M637

```
ERRORMSG
--------
```

Syntax: ERRORMSG <Text>

Description: Opens ImageDesk's standard error requester, containing
the error message <Text>.

Result: NULL

Example: ERRORMSG '"Last command failed!"'

1.73 ImageDeskE.guide/M638

```
CLEANDESK
---------
```

Syntax: CLEANDESK

Description: Removes all thumbnail objects from the desk.

Result: NULL

Example: CLEANDESK

1.74 ImageDeskE.guide/M639

```
VIEWIMAGE
---------
```

Syntax: VIEWIMAGE [<FileName>]

Description: If <FileName> is given the corresponding image will be
displayed. Otherwise you will be prompted for an image file by a file
requester.

Result: NULL

Example: VIEWIMAGE

1.75   ImageDeskE.guide/M63A

```
VIEWPATH
--------
```

Syntax: VIEWPATH [<Path> [<Pattern>]]

Description: If <Path> and <Pattern> were given all known image files
which match the pattern will be displayed. If <Pattern> was not
specified the default pattern "#?" will be used. Without any argument
you will be prompted for path and pattern by a requester.

Result: NULL

Example: VIEWPATH "work:pics/gif" "#?.gif"

1.76   ImageDeskE.guide/M63B

```
LOADPREFS
---------
```

Syntax: LOADPREFS [<FileName>]

Description: Tries to read the configuration file <FileName>. If
<FileName> is missing you will be prompted for one by a file requester.

Result: NULL

Example: LOADPREFS "ImageDesk.idprefs"

1.77   ImageDeskE.guide/M63C

```
SAVEPREFS
---------
```

Syntax: SAVEPREFS [<FileName>]

Description: Tries to save the current configuration under the name
<FileName> if specified. Otherwise you will be requested for a file
name.

Result: NULL

Example: SAVEPREFS

1.78   ImageDeskE.guide/M63D

```
MAKETHUMBNAIL
-------------

Syntax: MAKETHUMBNAIL [<FileName>]

Description: Generates a single thumbnail object from the image file
<FileName>. If <FileName> is missing you have to select one in a file
requester.

Result: NULL

Example: MAKETHUMBNAIL
```

1.79   ImageDeskE.guide/M63E

```
GENTHUMBNAILS
-------------

Syntax: GENTHUMBNAILS [<Path> [<Pattern>]]

Description: If <Path> and <Pattern> were given for all  known  image
files  which match  the  pattern a thumbnail object will be generated.
If <Pattern> was not specified the default pattern "#?" will be used.
Without  any argument you will be prompted for path and pattern by a
requester.

Result: NULL

Example: GENTHUMBNAILS "work:pics/gif" "#?.gif"
```

1.80   ImageDeskE.guide/M63F

```
DESKTOFRONT
-----------

Syntax: DESKTOFRONT

Description: Switches ImageDesk's screen into front.

Result: NULL

Example: DESKTOFRONT
```

1.81   ImageDeskE.guide/M63G

```
DESKTOBACK
----------
```

Syntax: DESKTOBACK

Description: Switches ImageDesk's screen to back.

Result: NULL

Example: DESKTOBACK

1.82 ImageDeskE.guide/M63H

```
OPENCAT
-------
```

Syntax: OPENCAT [<FileName> [<startindex> <num>]]

Description: If a file name was given ImageDesk tries to open a
thumbnail catalog file. Otherwise you will be prompted for a file
name. If you also specify <startindex> and <num> besides <FileName>
only the selected range will be displayed on the screen (although
the catalog will be loaded completely into the buffer).

Result: NULL

Example: OPENCAT "work:catalogs/gifpics.cat"

1.83 ImageDeskE.guide/M63I

```
GENCAT
------
```

Syntax: GENCAT [<FileName> [<Path> [<Pattern>]]]

Description: Generates a thumbnail catalog file with the name
<FileName> for all known images in <Path> which match the pattern
<Pattern>. If <Pattern> was not specified the default pattern "#?" will
be used. If GENCAT is called with <FileName> only, ImageDesk asks
for path and pattern. Without any argument you will additionally be
asked for a file name.

Result: NULL

Example: GENCAT "work:catalogs/gifpics.cat" "work:pics/gif" "#?.gif"

1.84   ImageDeskE.guide/M63J

```
QUIETGENCAT
-----------
```

Syntax: QUIETGENCAT [<FileName> [<Path> [<Pattern>]]]

Description: Same behavior as GENCAT but QUIETGENCAT will not display
the generated thumbnail images on the desk.

Result: NULL

Example: QUIETGENCAT "work:cat/gifpics.cat" "work:pics/gif" "#?.gif"

1.85   ImageDeskE.guide/M63K

```
IDGETFILE
---------
```

Syntax: IDGETFILE <Title>

Description: Opens a file requester with the title text <Title>.

Result: Choosen file name or NULL

Example: IDGETFILE '"Please choose a file"'

1.86   ImageDeskE.guide/M63L

```
IDGETPATH
---------
```

Syntax: IDGETPATH <Title>

Description: Opens a path requester with the title text <Title>.

Result: Choosen path or NULL

Example: IDGETPATH '"Please Choose a path"'

1.87   ImageDeskE.guide/M63M

```
GETSPREFS
---------
```

Syntax: GETSPREFS <KeyWord>

Description: Supplies the value of a single system prefs adjustment.
The result type depends on <KeyWord>. Valid keywords are:

   – PROJECTICONS (-> System Prefs "Save Project Icons")

   – PRINTCOMMAND (-> System Prefs "Print Execution Command")

   – USEDTYPES   (-> System Prefs "Use Datatypes")

   – USEXPK   (-> System Prefs "Use Xpk for Catalogs")

   – XPKPACKER   (-> System Prefs "Xpk")

   – XPKPASSWD   (-> System Prefs "Password")

   – XPKEFFIC   (-> System Prefs "Xpk Efficiency")

   – OUTWIN   (-> System Prefs "Output Window")

   – MAXENTRIES   (-> System Prefs "Max Entries per catalog")

   – DEFAREXX   (-> System Prefs "Default AREXX Script")

   – DEFACTION   (-> System Prefs "Default Action")

   – CONFIRM   (-> Menu item "Confirmation Requests")

   – STATUSBAR   (-> Menu item "Hide Statusbar")

   – SHOWTITLE   (-> Menu item "Hide Title")

Result: Depends on the keyword

   – PROJECTICONS (BOOLEAN)

   – PRINTCOMMAND (BOOLEAN)

   – USEDTYPES   (BOOLEAN)

   – USEXPK   (BOOLEAN)

   – XPKPACKER   (STRING)

   – XPKPASSWD   (STRING)

   – XPKEFFIC   (INTEGER)

   – OUTWIN   (STRING)

   – MAXENTRIES   (STRING)

   – DEFAREXX   (STRING)

   – DEFACTION   ("REQ", "VIW" or "REX")

   – CONFIRM   (BOOLEAN)

- STATUSBAR   (BOOLEAN)

- SHOWTITLE   (BOOLEAN)

Example: GETSPREFS MAXENTRIES

1.88 ImageDeskE.guide/M63N

SETSPREFS

Syntax: SETSPREFS <KeyWord> <Value>

Description: Sets a single system prefs adjustment to <Value> (see also
GETSPREFS). The argument type of <Value> depends on the argument
<KeyWord>. Valid keywords are:

- PROJECTICONS (BOOLEAN)

- PRINTCOMMAND (BOOLEAN)

- USEDTYPES   (BOOLEAN)

- USEXPK   (BOOLEAN)

- XPKPACKER   (STRING)

- XPKPASSWD   (STRING)

- XPKEFFIC   (INTEGER)

- OUTWIN   (STRING)

- MAXENTRIES   (STRING)

- DEFAREXX   (STRING)

- DEFACTION   ("REQ", "VIW" or "REX")

- CONFIRM   (BOOLEAN)

- STATUSBAR   (BOOLEAN)

- SHOWTITLE   (BOOLEAN)

Result: NULL

Example: SETSPREFS MAXENTRIES 50

1.89 ImageDeskE.guide/M63O

```
GETVPREFS
---------
```

Description: Supplies the value of a single viewer prefs adjustment.
The result type depends on <KeyWord>. Valid keywords are:

  – DSCREENS (–> ViewerPrefs "Display Screens")

  – DSIZE   (–> ViewerPrefs "Display Size")

  – DITHER   (–> ViewerPrefs "Dither 8–bit Displays")

  – SUPERBM   (–> ViewerPrefs "SuperBitMap")

  – ORIGPAL   (–> ViewerPrefs "Use Original Palette")

  – DELAY   (–> ViewerPrefs "Delay")

  – VIEWERxxx (1)(–> Viewerprefs/MX Gadgets for choosing one of
    "custom screen", "external" or "window")

  – EXTCOMxxx (–> ViewerPrefs/String Gadgets for external viewers)

Result: Depends on the keyword

  – DSCREENS ("ASC", "REQ" oder "GLB")

  – DSIZE   ("ORIGINAL", "SMALL" oder "Tiny")

  – DITHER   (BOOLEAN)

  – SUPERBM   (BOOLEAN)

  – ORIGPAL   (BOOLEAN)

  – DELAY   (INTEGER)

  – VIEWERxxx ("CSC", "EXT" or "WIN")

  – EXTCOMxxx (STRING)

Example: GETVPREFS DITHER

---------- Footnotes ----------

(1) xxx stands for IFF, GIF, JPG, PCX, BMP, PCD, PNM or TGA

1.90 ImageDeskE.guide/M63P

```
SETVPREFS
---------
```

Syntax: SETVPREFS <KeyWord> <Value>

Description: Sets a viewer prefs adjustment to <Value> (see also
GETVPREFS). The argument type of <Value> depends on the argument
<KeyWord>. Valid keywords are:

   – DSCREENS ("ASC", "REQ" oder "GLB")

   – DSIZE   ("ORIGINAL", "SMALL" oder "Tiny")

   – DITHER   (BOOLEAN)

   – SUPERBM   (BOOLEAN)

   – ORIGPAL   (BOOLEAN)

   – DELAY   (INTEGER)

   – VIEWERxxx ("CSC", "EXT" or "WIN")

   – EXTCOMxxx (STRING)

Result: NULL

Example: SETVPREFS DSIZE SMALL

1.91   ImageDeskE.guide/M63Q

GETTPREFS

Syntax: GETTPREFS <KeyWord>

Description: Supplies the value of a single thumbnail prefs adjustment.
The result type depends on <KeyWord>. Valid keywords are:

   – DITHER   (–> ThumbnailPrefs "Dither Thumbnail Images")

   – SHOWNAMES (–> ThumbnailPrefs "Show File Names")

   – HIQUALITY (–> ThumbnailPrefs "HiQuality")

   – TSIZE   (–> ThumbnailPrefs "Thumbnail Size")

Result: Depends on the keyword

   – DITHER   ("NONE", "FLOYD" or "ORDERED")

   – SHOWNAMES (BOOLEAN)

   – HIQUALITY (BOOLEAN)

   – TSIZE   ("SMALL", "STD", "BIG", "HUGE" or "XLARGE")

Example: GETTPREFS DITHER

1.92 ImageDeskE.guide/M63R

```
SETTPREFS
---------
```

Syntax: SETTPREFS <KeyWord> <Value>

Description: Sets a thumbnail prefs adjustment to <Value> (see also
GETTPREFS). The argument type of <Value> depends on the argument
<KeyWord>. Valid keywords are:

   – DITHER   ("NONE", "FLOYD" or "ORDERED")

   – SHOWNAMES   (BOOLEAN)

   – HIQUALITY   (BOOLEAN)

   – TSIZE   ("SMALL", "STD", "BIG", "HUGE" or "XLARGE")

Result: NULL

Example: SETTPREFS TSIZE STD

1.93 ImageDeskE.guide/M63S

```
GETSYSINFO
----------
```

Syntax: GETSYSINFO <KeyWord>

Description: Supplies the value of a specified system state variable.
The result type depends on <KeyWord>. Valid keywords are:

   – VERSION   (supplies ImageDesk's current version number)

   – GFXMODE   (tells the graphics mode e.g. "CyberGfx")

   – DESKSPACE   (tells how many thumbnails currently fits on the desk)

   – THUMBSUSED (tells how many thumbnails are currently in use)

   – CATNAME   (tells the file name of the last loaded catalog)

   – BUFENTRIES (tells the number of thumbnails in the catalog buffer)

Result: Depends on the keyword

- VERSION   (STRING)

- GFXMODE   (STRING)

- DESKSPACE   (INTEGER)

- THUMBSUSED (INTEGER)

- CATNAME   (STRING)

- BUFENTRIES (INTEGER)

Example: GETSYSINFO VERSION

1.94   ImageDeskE.guide/M63T

CLOSEBUF

Syntax: CLOSEBUF

Description: If a catalog buffer is active it will be closed and
its allocated memory will be freed.

Result: NULL

Example: CLOSEBUF

1.95   ImageDeskE.guide/M63U

SAVEBUF

Syntax: SAVEBUF [<FileName>]

Description: Saves the active catalog buffer into one single file. If
<FileName> has not been specified a file requester will ask for it.

Result: NULL

Example: SAVEBUF "work:catalogs/gifpics.cat"

1.96   ImageDeskE.guide/M63V

NEXTPAGE

Syntax: NEXTPAGE

Description: Turns to the next screen page within the catalog buffer.

Result: NULL

Example: NEXTPAGE

1.97   ImageDeskE.guide/M63W

PREVPAGE

Syntax: PREVPAGE

Description: Turns to the previous screen page within the catalog
buffer.

Result: NULL

Example: PREVPAGE

1.98   ImageDeskE.guide/M63X

SELECTRANGE

Syntax: SELECTRANGE

Description: Opens a special requester which enables you to select a
range within the catalog buffer. All thumbnails of this range will
be then shown. afterwards.

Result: NULL

Example: SELECTRANGE

1.99   ImageDeskE.guide/M63Y

CATBROWSER

Syntax: CATBROWSER [<FileName>]

Description: Opens the window of the Catalog Browser. See also Catalog
Browser in the menu Navigate. If <FileName> has not been
specified, a file requester will ask you for one.

Result: NULL

Example: CATBROWSER "work:catalogs/gifpics.cat"

1.100   ImageDeskE.guide/M63Z

```
RELOADCAT
---------
```

Syntax: RELOADCAT

Description: Loads the last opened catalog again.

Result: NULL

Example: RELOADCAT

1.101   ImageDeskE.guide/M63_a

```
REDRAW
------
```

Syntax: REDRAW

Description: Redraws the current page. Unbuffered thumbnails will be
lost!

Result: NULL

Example: REDRAW

1.102   ImageDeskE.guide/M63_b

```
GETBUFPOS
---------
```

Syntax: GETBUFPOS <ThumbName>

Description: Returns the position of the thumbnail <ThumbName> within
the catalog buffer. This position for example is required for
GETTHUMBINFO and REMFROMBUF.

Result: Number of the position if succesful, else -1.

Example: GETBUFPOS "Amiga_Pic.jpg"

1.103   ImageDeskE.guide/M63_c

```
REMFROMBUF
----------
```

Syntax: REMFROMBUF [<Position>]

Description: Removes the thumbnail on position <Position> from the
catalog buffer. If <Position> is missing, an window opens where
the user may choose the entries to remove.

Result: NULL

Example: REMFROMBUF 0

1.104   ImageDeskE.guide/M63_d

```
REMFROMDESK
-----------
```

Syntax: REMFROMDESK <Position>

Description: Removes the visible thumbnail on screen position
<Position> from the screen. The position is required and cannot be
asked by GETBUFPOS, But the Default AREXX Script will be supplied with
it.

Result: NULL

Example: REMFROMDESK ipos

1.105   ImageDeskE.guide/M63_e

```
GETTHUMBINFO
------------
```

Syntax: GETTHUMBINFO <Keyword1> <Position> <Keyword2> Description:
Supplies you with information about a thumbnail object at position
<Position>. <Keyword1> gives the thumbnail source:

   – BUF (thumbnail source is the catalog buffer)

   – DESK (thumbnail source is the screen)

   – BROWS (thumbnail source is the browser´s buffer)

The following information may be asked (Keyword2):

   – PICTYPE   ("IFF", "GIF", "JPG", "BMP", "PCX", "TGA", "PCD" or
     "PNM")

- PICWIDTH (width of the corresponding picture, INTEGER)

- PICHEIGHT (height of the corresponding picture, INTEGER)

- PICDEPTH (depth of the corresponding picture, INTEGER)

Result: See above.

Example: GETTHUMBINFO DESK ipos PICWIDTH

1.106 ImageDeskE.guide/M63_f

```
TERMINATE
---------
```

Syntax: TERMINATE

Description: If the catalog browser is active, it will be closed. In
the other case ImageDesk exits. Coution, it is very problematic
to close an application by AREXX. So use TERMINATE very carefully.

Result: NULL

Example: TERMINATE

1.107 ImageDeskE.guide/M7_TOOLS

```
Catalog Tools
*************
```

This distribution contains several CLI-only tools. They serve for
touching up catalog files created by ImageDesk. The templates for
running such a tool work in accordance with the Commodore style
guides. For further explanation take a look into your AmigaDos
Manuals.

Remark: With the release of ImageDesk 3.0 these tools will be partly
unnecessary because the program is now able to do some of these jobs
internally. For example, the thumbnails now will be automatically
sorted. Removing thumbnails from catalogs is also possible in ImageDesk
itself.

    CATList

    CATChPath

    CATRepack

          CATJoin

      CATRemEntry

        CATSort

       CATSplit

1.108 ImageDeskE.guide/M71

CATList
=======

Template:

              CATFILE/A,P=PASSWORD/K,F=FULL/S

Description:

Lists all entries of an ImageDesk catalog file in the order of their
occurrence. This command is very useful to find out which position a
specific entry has. To remove an entry, for example, it is necessary
to know its position in the catalog file.

CATFILE/A
     Path and filename of an ImageDesk catalog file.

P=PASSWORD/K
     If a catalog file was generated by using xpk-password encryption,
     the corresponding password has to be specified here.

F=FULL/S
     Besides position and filename, this switch directs CATList to print
     further attributes of the pictures.

1.109 ImageDeskE.guide/M72

CATChPath
=========

Template:

              CATFILE/A,P=NEWPATH/A

Description:

To avoid a repeated thumbnail generation run if a path of an image
directory has changed, you should use this program. It changes the
content of the pathname in a catalog file to the choices given by the
user. As only the header of a catalog file is changed, it is not
necessary to specify a password even if it has been encrypted before.
In opposition to most of the other catalog tools, CATChPath is a so
called 'In Place'-operation. This means, you should better work on a
copy of a catalog file to avoid damaging this file if an error occurs.

CATFILE/A
      File name of the ImageDesk catalog to work on.

P=NEWPATH
      A string which describes the path to a image directory. It won't
      be checked for validity, so the user is responsible for it beeing
      correct.

1.110 ImageDeskE.guide/M73

CATRepack
=========

Template:

CATFILE/A,O=OUTFILE/K,X=XPKMETHOD/K,F=EFFICENCY/N,P=PASSWORD/K

Description:

If the packing method or packing efficiency of a formerly generated
catalog file is to be changed, this command has to be used. For
example, you could save your catalog files uncompressed in ImageDesk
and pack them afterwards with CATRepack. For security reasons an
OUTFILE should be specified.

CATFILE/A
      File name of the ImageDesk catalog to work on.

O=OUTFILE/K
      Name for the resulting output file. If this argument ist missing,
      the original file will be overwritten.

X=XPKMETHOD/K
      Packing method to be used for the catalog file. Refering to the XPK
      conventions, this has to be an uppercase, fourletter string.
      X=NUKE for example would mean, XPK method NUKE has to be used. If
      this argument is missing or XPK has not been installed the file
      will be saved without packing.

F=EFFICENCY/N
      Efficiency the XPKMETHOD specified pack method should work with.
      This has to be a number in the range between 0 and 100. Default
      value is 50.

P=PASSWORD/K
     If the catalog file has been saved key encrypted the password has
     to be specified here. This password will also be used for the new
     output file if XPKMETHOD supports passwords.

1.111 ImageDeskE.guide/M74

CATJoin
=======

Template:

CATFILE1/A,CATFILE2/A,AS=TO/K/A,X=XPKMETHOD/K,F=EFFICENCY/N,P=PASSWORD/K

Description:

Joins two catalog files to a new one. Provided that you have generated
more than one catalog file for a image directory in ImageDesk - maybe
to save memory. For later assembly this command has to be used. It is
very imortant for CATFILE1 and CATFILE2 to have the same path entry
for the image directory. CATJoin won't work if ImageDesk has not been
registered - it is the only one of the catalog tools which requires
the key file.

CATFILE1/A
     File name of the first ImageDesk catalog file.

CATFILE2/A
     File name of the second ImageDesk catalog file.

AS=TO/K/A
     Name for the output file.

X=XPKMETHOD/K
     Packing method to be used for the output file. Refering to the XPK
     conventions, this has to be an uppercase, fourletter string. If
     this argument is missing or XPK has not been installed the file
     will be saved without packing.

F=EFFICENCY/N
     Efficiency the XPKMETHOD specified pack method should work with.
     This has to be a number in the range between 0 and 100. Default
     value is 50.

P=PASSWORD/K
     If the catalog files has been password encrypted, you have to
     specify the password here. Unless the two input files use the same
     password, CATJoin returns with an error. In this case, one of them
     has to be adjusted with CATRepack to the other one. This password
     will also be used for the output file.

1.112 ImageDeskE.guide/M75

```
CATRemEntry
===========
```

Template:

```
CATFILE/A,E=ENTRY/N/A,O=OUTFILE/K,X=XPKMETHOD/K,F=EFFICENCY/N,P=PASSWORD/K
```

Description:

CATRemEntry removes the entry with the position number ENTRY from a
catalog file. This could be necessary to re-establish the consistancy
between the catalog file and the contents of the image directory. By
help of CATList you can find out the entry number you want to know.
The other arguments show the same behavior as they do in CATRepack.

```
CATFILE/A
     File name of the ImageDesk catalog to work on.

E=ENTRY/N/A
     Postition of the entry to remove.

O=OUTFILE/K
     Name for the resulting output file. If this argument is missing the
     original file will be overwritten.

X=XPKMETHOD/K
     Packing method to be used for the output file. Refering to the XPK
     conventions, this has to be an uppercase, fourletter string.  If
     this argument is missing or XPK has not been installed the file
     will be saved without packing.

F=EFFICENCY/N
     Efficiency the XPKMETHOD specified pack method should work with.
     This has to be a number in the range between 0 and 100. Default
     value is 50.

P=PASSWORD/K
     If the catalog file has been saved key encrypted the password has
     to be specified here. This password will also be used for the new
     output file if XPKMETHOD supports passwords.
```

1.113 ImageDeskE.guide/M76

```
CATSort
=======
```

```
Template:
---------

CATFILE/A,O=OUTFILE/K,X=XPKMETHOD/K,F=EFFICENCY/N,P=PASSWORD/K

Description:
------------

Sorts the thumbnail entries of the catalog CATFILE in  lexicographical
order of the pictures file names.

CATFILE/A
     File name of the ImageDesk catalog to work on.

O=OUTFILE/K
     Name for the resulting output file. If this argument is missing the
     original file will be overwritten.

X=XPKMETHOD/K
     Packing method to be used for the output file. Refering to the XPK
     conventions, this has to be an uppercase, fourletter string.  If
     this argument is missing or XPK has not been installed the file
     will be saved without packing.

F=EFFICENCY/N
     Efficiency the XPKMETHOD specified pack method should work with.
     This has to be a number in the range between 0 and 100. Default
     value is 50.

P=PASSWORD/K
     If the catalog file has been saved key encrypted the password has
     to be specified here. This password will also be used for the new
     output file if XPKMETHOD supports passwords.
```

1.114 ImageDeskE.guide/M77

```
CATSplit
========

Template:
---------

CATFILE/A,E=MAXENTRIES/N/A,O=OUTFILE/K,X=XPKMETHOD/K,F=EFFICENCY/N,P=PASSWORD/K

Description:
------------

Splits the input catalog CATFILE into several  smaller  catalogs.  The
resulting catalogs will have MAXENTRIES at most.

CATFILE/A
     File name of the ImageDesk catalog to work on.
```

```
E=MAXENTRIES/N/A
     Number of thumbnails a resulting catalog should contain at the
     most.

O=OUTFILE/K
     Name for the resulting output file. If this argument is missing the
     original file will be overwritten.

X=XPKMETHOD/K
     Packing method to be used for the output file. Refering to the XPK
     conventions, this has to be an uppercase, fourletter string.  If
     this argument is missing or XPK has not been installed the file
     will be saved without packing.

F=EFFICENCY/N
     Efficiency the XPKMETHOD specified pack method should work with.
     This has to be a number in the range between 0 and 100. Default
     value is 50.

P=PASSWORD/K
     If the catalog file has been saved key encrypted the password has
     to be specified here. This password will also be used for the new
     output file if XPKMETHOD supports passwords.
```

1.115 ImageDeskE.guide/M8_REGIS

As you may have noticed, ImageDesk is a shareware product. Nearly all
functions are available for testing without paying any money. If you
think ImageDesk is worth the amount of 30 DM or $20,-, refer to me for
your personal key file. If you want me to ship ImageDesk via airmail,
you have to include an additional $10 (the airmail postage is 16 DM!).
Please notice, airmail shipping makes no sense if you live in europe.

The key file method offers the advantage of enjoying the whole
functionality of new ImageDesk releases immediately. You do not have
to wait until I send you a new fully featured version.

Besides the key file, you'll get the latest release of the ImageDesk
distribution and a printed manual.

To get registered for ImageDesk, please print the file OrderForm on
your printer (if no printer is available, write off this text), fill
up this form and send it to the given address. I will endeavor to act
upon your registration within two weeks after I get the register form
and the shareware fee. In most cases it will be done faster.
Prospectively the key files will be shipped by (snail)mail.

The author reserves the right, to not accept register requests.

1.116 ImageDeskE.guide/M9_UPDAT

```
Updates
*******
```

When you become a registered user, you will get the latest release of
ImageDesk together with your personal key file. Thereby, you are
independent from direct support by the author. You'll get the latest
releases from Aminet (eventually other PD archives, too) instead.

If you do not have the possibility to get ImageDesk this way you can
get it directly from the author. In this case, send me a letter and
include 5 DM or $5 if you do not live within the EU. This offer is
available to registered users only.

1.117 ImageDeskE.guide/MA_RIGHT

```
Legal Stuff
***********
```

```
  Liability
  Distribution
  Trademarks
  Copyright
```


1.118 ImageDeskE.guide/MA1

```
Liability
=========
```

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY
APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT
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BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH
ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN
ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

1.119   ImageDeskE.guide/MA2

```
Distribution
============
```

It is allowed to distribute ImageDesk on any data medium and to make
it available on bulletin boards or other network compounds, if the
directory structure of the original Aminet release will be kept. No
file may be added, removed or exchanged.

It is of course allowed for you to distribute ImageDesk in a packed
archive file. It is also allowed to levy copy charges for the
distribution on floppy disks or CD-ROMs, as long as it has stated
clearly to the user, that he has not payed for the shareware fee,
hereby. It is not allowed to copy, distribute or generate key files
for ImageDesk without a written permission from the author (hello
pirate BBS sysops).

```
Special versions
----------------
```

Especially for CD-ROM productions which include very much graphics I
can ship a special version of ImageDesk. It won´t have the possibility
to save catalogs or generate thumbnails, but it won´t have other
restrictions like NervRequester. If you are interested then try to
contact me.

1.120   ImageDeskE.guide/MA3

```
Trademarks
==========
```

Workbench (TM), Intutition(TM) and Amiga (TM) are registered trademarks
of der ESCOM AG Bochum, Deutschland.

GIF(TM) and "Graphics Interchange Format"(TM) are registered trademarks
of Compuserv Inc., Ohio, USA.

PCD(TM) and "Photo CD"(TM) are registered trademarks of Kodak Corp.

1.121   ImageDeskE.guide/MA4

```
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=========
```

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(C) 1994-1996, Reinhard Haslbeck. All Rights reserved.

The JPEG codec is Copyright c 1994 Christoph Feck, TowerSystems. All
Rights Reserved. It is based in part on the work of the Independent

JPEG Group.

1.122 ImageDeskE.guide/MB_HISTO

0.97 Beta

First beta release.

0.98 Beta
----

   * Now the default public screen is left to the workbench as long as
     it is not necessary for ImageDesk to declare its screen to the
     default publicscreen.

   * Before closing the screen, ImageDesk now checks if other
     applications have opened their windows on ImageDesk's publicscreen.

   * Don't try to load IFF-ILBM images with unknown compression types
     anymore.

   * File names for the external viewers may contain spaces.

   * The slidergadgets in the Load Catalog control window are now
     managed correctly.

   * A few catalog file tools have been added (CATList, CATChPath,
     CATRepack, CATJoin and CATRemEntry).

1.0 - first public release
----

   * Added internal window viewer.

   * Removed small bug in the BMP reader.

   * System font will be opened correctly now.

   * Added dither option for 8-bit displays.

1.01
----

   * Fixed bug: Village Screenmode requester sometimes has been opened
     on the workbench screen.

   * Fixed bug in the JPEG Picasso viewer: 8-bit JPEGs were displayed
     incorrectly on the 8-bit screens.

   * Fixed a wrong palette entry in the 8-bit Picasso viewer.

   * Improved display speed of the window viewer for truecolor images.

1.02
----

   * Added Scrollbars to the window viewer.

1.1
---

   * Added Switch 'Use Original Palette' for the window viewers.

   * Now supports and generates project icons for catalogs.

1.11
----

   * Thumbnail generation from 4-bit BMPs reported an error - Fixed.

   * Now The name of the screen is displayed instead of the ID in the
     System Prefs window.

1.12
----

   * 'Default Public Screen' has not been set back to workbench if the
     Picasso screenrequester has been used - Fixed.

1.2
---

   * Fixed bug: If no complete path was specified for a catalog file to
     be generated, some problems could have been arised while saving.

   * CyberGraphics and standard 8 bit intuition screens are supported.

   * The state of Show Image Infos is stored in the prefs file.

   * The information window now shows the current graphics board mode.

   * Added new menu item Ask Before Cleaning Desk.

   *   Open Catalog now branches into subitems: Selectable and Quick.

   * Added new menu item Mark & Delete for multiple thumbnail removal.

   * Changed (Improved?) most of the screen displaying routines.

   * The image information window now shows the path of the file too.

1.21
----

   * The number of entries per catalog is now selectable in the range
     of 3 and 600.

   * It is now possible to interrupt the internal viewers at any time.

   * A few internal changes.

1.22
----

* Removed problems in conjunction with MFR.

* Fixed bug in the window viewers which caused a very high CPU-load
  factor.

* Compacted program code in the Picasso screen viewers.

1.23
----

* IFF DCOL (Direct COLor) chunks are supported now.

1.3
---

* Fixed bug: The ILBM decoder had problems reading truecolor images
  which contained additional palette information.

* Fixed problem of reading ILBMs containing ANNO Chunks with a wrong
  Chunk length field.

* Now it is possible to have file names being rendered below the
  thumbnail images.

1.4
---

* Added Thumbnail Prefs window.

* Now supports further thumbnail sizes.

* Uses own font for thumbnail text.

* New option: Print Execution Command.

* Prefs windows retouched.

* Changed prefs file structure.

* New catalog file structure.

* Adapted all Catalog Tools to the new structure.

1.41
----

* Fixed size and alignment problems on temporary rastports.

1.42
----

* Support for environment variable KEYPATH added which specifies the
  location of the key file.

1.5
---

   * Integrated AREXX Port.

   * Increased GIF decoding speed (twice as fast).

   * ImageDescriptor instead of ScreenDescriptor is used for size
     determination of GIF thumbnails now.

   * Removed several smaller bugs.

1.6
---

   * Now executes AREXX programs on thumbnail click.

   * Enhanced hotkey handling.

   * New option HiQuality.

   * Further AREXX commands.

   * Enhanced slider gadget handling.

   * File requester attributes are stored in the prefs now.

   * Larger thumbnail sizes possible.

   * Config will be saved before ImageDesk exits.

   * Bug in the PCX reader removed.

   * Reduced stack consumption.

2.0
---

   * New structured menu.

   * Catalogs are held in memory.

   * Fast, screenwise turn over within the catalog buffer.

   * Introduction of the Catalog Browsers.

   * Significant speed improvement when figuring the thumbnail images.

   * New option for dithering Floyd Steinberg.

   * Full tooltype support for Project-Icons.

   * Takes care of IFFs aspect ratio.

   * Optionally writes an error report.

   * Introduction of new Catalog Tools CATSort and CATSplit.

   * New AREXX commands.

   * Removed several bugs.

2.1
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   * The Default AREXX Script will now be supplied with 3 parameters.

   * AREXX Commands GETSPREFS, SETSPREFS, GETSYSINFO and OPENCAT
     extended.

   * The Catalog Browser now allows to start AREXX scripts.

   * Fixed bug in Mark & Delete.

   * Increased the size of some internal string buffers.

   * Introduction of the ImageDesk tool MIPFIC.

   * New option in ViewerPrefs to disable SuperBitmaps for the Window
     viewer.

   * Appertaining new keyword SUPERBM for the AREXX commands GETVPREFS
     and SETVPREFS.

   * Totaly rewritten bufferd image readers for better stability.

3.0
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   * Datatypes support.

   * Dynamic thumbnail handling and automatic buffer sorting.

   * Enables automatically catalog updates

   * Now allows to remove single thumbnails from a catalog.

   * Some screen layout changes.

   * Now it is possible to hide or to show the screen title and a
     status bar.

   * Some new AREXX commands.

   * Many internal changes and enhancements.

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