Default

COLLABORATORS

	TITLE : Default		
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REVISION HISTORY

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Contact
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Please send bug reports, feature requests and other suggestions to
thomas-rapp@web.de.

Note: parts that have been changed since the last version are marked with
      "|" on the right.

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                Introduction
============

This program is meant to be configured as picture viewer in directory tools
like DirOpus or DosControl. It shows the doubleclicked picture in a
borderless window on the specified custom screen. The remarkable about this
program is that it reads the whole directory the picture is in and you can
then choose other pictures out of this directory from a menu or by pressing
the cursor keys.

PicShow can also be used as a simple slide show program. It can display
pictures either in sort order or randomly. When run on its own screen there
are also some nice blend effects.

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                 Installation ←
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============ |
                                                                        |
Please use the supplied Installer script to install PicShow. |
                                                                        |
The files in detail: |
                                                                        |
PicShow   main program for generic 68000 processors |
PicShow.040   main program for 68040 or better |
PicShow.wos   main program for PowerPC, WarpOS |
PicShow.elf   main program for PowerPC, PowerUP |
PicShow.keys   keyboard mapping for PicShow |
PicShowNav.iff   skin picture for PicShow's navigation panel |
SlideShow.info   project icon that calls PicShow as a slide show |
PicShowTem   program to create a template skin picture |
JoinPictures   program to connect several iff pictures to one |
                          wide picture. |
PicShow_xx.guide   This manual (xx = language) |
catalogs   contains ready-to-use translations for PicShow |
translations   contains source files to create other catalogs |
Install   Installer script to install PicShow |

Manual Installation
===================

1. Copy the PicShow executable somewhere where your directory tool can
   find it. A good place is the C or the Utilities directory.

2. Copy the catalogs directory either into Locale: or into the same
   directory as the PicShow executable.

   Use the picshow.cd file to create your own translation. If you do not
   need to create another translation, delete it.

   Note: new catalog files must have version 2. PicShow insists on exactly

        this version number !

3. If you want to redefine the function keys, you need to create a file
   called PicShow.keys in one of the following directories:

   - S:
   - ENV: or ENVARC:
   - the directory the PicShow program is in
   - the directory PicShow is started from (e.g. where the pictures live)

   You can take the provided file as an Example.

   See the section about
                key bindings
                 to learn about the contents of the file.

4. Copy the skin file PicShowNav.iff to the same directory as the PicShow
   program. If you choose another location, you must
                configure PicShow
                 to
   find it. Otherwise the
                navigation panel
                 will not be usable.

5. The PicShowTem and JoinPictures programs are only needed, if you want to
   create your own skins for the navigation panel. Copy them to where your
   utilities live.

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Call PicShow as a Shell program with the following parameters. At the

                bottom of the page
                 is a step-by-step example how to configure a picture

file type in DirectoryOpus Magellan.

```
FILE                The picture to show first. You can specify a directory
                    here. In this case the directory is read first and then
                    the topmost picture is shown.

PUBSCREEN/K         The pubscreen where to open the window. Default is the
                    default pubscreen (usually Workbench).

P=PATTERN/K         Only picture files that match this name pattern are
                    shown in the list.

FLASH/S             Flashes the screen (displays beep) after the directory
                    read is complete.

DONTCHECK/S         Files are not checked if they are pictures before they
                    are inserted into the list. This does speed up the
                    directory read a lot, but files that are no pictures
                    are shown in the list, too. You should use the
                    PATTERN parameter to avoid this.

DELAY/N/K           Enable slide show: every n/10 seconds the next picture
                    is shown (DELAY=20 means every 2 seconds a new picture).

SCREEN/S            Open a new screen for PicShow

BG=BACKGROUND/K     Background color for the new screen. Format is six
                    hexadecimal numbers: rrggbb
                    rr = amount of red color (00 – ff)
                    gg = amount of green color (00 – ff)
                    bb = amount of blue color (00 – ff)
                    Default is 000000 (black).

PORT/K              Name of the Arexx port.
                    Default is PICSHOW.

MODEID/N            Decimal ID of screen mode. Default is same as Workbench.

DEPTH/N             Depth to use for custom screen. Default is same as
                    Workbench.
                                                                          |
SCRMODE/K           Enter the desired screen dimensions in the form        |
                    WIDTHxHEIGHTxDEPTH                                     |
                    Example: 640x480x8                                    |
                    PicShow uses the BestModeID function to find a screen  |
                    mode with these dimensions.                            |
                                                                          |
QUIET/S             Disabled error requesters when picture cannot be loaded

CLOSEWB/S           Attempt to close Workbench when screen is open

REQ/S               Force PicShow to open a file requester. FILE is taken as
                    preset file name.

KEYS/K              Name of a file that contains key bindings
```

```
NOINFO/S          Disable the info bubble. It can be opened by a key anyway.

SCALE/S           Enable scaling. Pictures will be scaled up or down to fit
                  the screen size.

DOWN/S            Scale only down (do not enlarge small pictures).

FILL/S            Scale up picture to totaly fill the screen. This maybe
                  useful to check whether a picture (or part of) is usable
                  as a backdrop.

INTERPOL/S        Scale pictures using interpolation. Needs much more time
                  than without.

CACHE/N/K         Number of pictures that are to be cached. Default is 5.

BLEND/K           Enable/Disable blend effects. Choose one of the following:

                      NONE      disable blending (this is the default)
                      RANDOM    randomly use one of all blend effects
                      RANDOM1   randomly use one of UP to LEFTUP2
                      RANDOM2   randomly use DIFFUSE or DIFFUSE2

                      UP
                      DOWN
                      LEFT
                      RIGHT
                      RIGHTDOWN
                      RIGHTUP
                      LEFTDOWN
                      LEFTUP
                      RIGHTDOWN2
                      RIGHTUP2
                      LEFTDOWN2
                      LEFTUP2

                      DIFFUSE
                      DIFFUSE2

BLENDTIME/K/N     The time used for blending in 1/10th seconds.

NOPOINTER/S       Disable the mouse pointer.

SHUFFLE/S         Show pictures in random order. Does only affect slide
                  show (Delay > 0)

NAV=NAVIGATION/S  Open the navigation panel.
                   See the section about the
                 navigation panel
                  for more details.

NAVSKIN/K         Skin for navigation panel. Default is PROGDIR:PicShowNav.iff.
                   See the section about the
                 navigation panel
                  for more details.

NAVBUTTONS/K      Sequence of buttons on the navigation panel.
```

```
                    See the section about the
                 navigation panel
                  for more details.
                                                                        |
ANIMATE/S          Animate picture is there are multiple images in the file  |
                                                                        |
CLOSEGAD/S         Disable the double click to close PicShow and add a close |
                   gadget to the upper left edge of the PicShow window. |
                                                                        |
QUITOLD/S          Makes PicShow more usable in web browsers. Usualy when |
                   PicShow is called a second time, it sends its parameters |
                   to the first copy and quits. But web browsers delete the |
                   temporary file after the viewer quits, so when the first |
                   PicShow tries to load the picture, it has already been |
                   deleted. With this option  the second copy of PicShow |
                   tells the first one to quit and shows the picture itself. |
                                                                        |
STICKYPOPUP/S      Tell PicShow to keep the popup menu open till the   |
                   mouse button is pressed a second time (like with    |
                   MagicMenu).                                          |
                                                                        |
```

If PicShow is started from the Workbench all of the above can be entered as
tooltypes, either in the program icon or in the picture icon that is
activated first. Tooltypes in the picture icon overide those in the program
icon. Picture icons can be activated by shift-click or by specifying
PicShow as default tool.

There is one additional option that can only be activated as ToolType:

```
KEY=<key binding>     Rebind one key. May be specified multiple times for
                      different keys. Read the section about
                  key bindings
                   for
                      an explanation of <key binding>.
```

Example: KEY=X=QUIT   enable the key X to quit PicShow

Creating a picture file type in DirOpus Magellan
==

Just follow these steps:

- choose menu Settings / File Types
- click on Add
- enter Name: picture
- enter ID: pict
- enter Pri: 0
- click on Add
- choose Match DT Group
- enter pict
- click on Use
- choose Double-click
- click on Edit
- click on Add

- choose AmigaDOS
- enter c:PicShow {f} pubscreen {Qs} pattern ~(#?.info)
- switch on Run asynchronously
- click on Use
- click on Use
- click on Save

Instead of c:PicShow you must enter the path to where you installed
PicShow. Behind the program name you can configure all settings as
described
                above
                   .

For more information please read the DOpus manual !

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This section describes the commands that can be accesed via the keyboard.

All commands can also be called from the pull down menu. Move the mouse
pointer to the top edge of the screen and press the right mouse button to
activate the menu.

If the PicShow windows is opened on the Workbench or on a public screen,
you can grip the window on the lower right corner and pull it larger or
smaller.

NOTE: these are the default keys. Read the section about
                key bindings
                 to
        learn how to change them.

o Quit PicShow

```
        - double click into the window or
        - press the ESC key or
        - press Q

o  Show the next picture
        - press the cursor down key or
        - press the cursor right key or

o  Show the previous picture
        - press the cursor up key or
        - press the cursor left key or
        - press backspace (the <- key above return)

o  Show a random picture
        - press space bar or
        - press return

o  Show the previous picture in the cache (retrace)
        - press R

o  Show the next picture in the cache (undo retrace)
        - press T

o  Start/stop animation if there are multiple pictures in one file
        - press A

o  Show some infos about the current picture
        - keep the mouse pointer inside the window and don't move it for
          some time (can be disabled by an option)

o  If the picture is too large to fit into the screen
        - grab the picture with the left mouse button and move it around.
                                                                              |
o  Move the picture around by keyboard                                         |
        - press the cursor keys on the numeric keypad                          |
          (8 = up, 2 = down, 4 = left, 6 = right)                              |
                                                                              |
o  Choose a picture from the list
        - press the right mouse button and hold it down. The list can scroll
          up and down if there are more files than fit into one page. Just
          move the mouse pointer over the arrow(s).

o  Read a new directory
        - Press F1

o  Swap display from Workbench to PicShow's own screen and back
        - Press F10

o  Invert the background color of PicShow's own screen (e.g. from black
   to white and vice versa)
        - Press F9

o  Pause / continue slide show
        - Press P

o  Save the picture as displayed on screen:
        - Press S
```

o   Save a hardcopy of the screen:
    - Press D

    Note: this command works different in window and screen mode:
          in window mode the part of the picture that is shown on the screen
          is saved. In screen mode a hardcopy of the entire screen is saved
          (the part of the picture that fits on screen plus frames).

o   Open/close the navigation panel
    - Press F5

o   Show a list of all key commands
    - Press Help

In the example file PicShow.keys the following additional keys are defined:

o   Copy the displayed picture into RAM:
    - Press C

    The file name is "pic<number>_<width>x<height>x<depth>.<type>".
    Example: pic0001_640x480x8.ilbm
    This is only an example. Read the section about
                key bindings
                 for a
    description on how to configure your own shell commands.

o   Open the picture list
    - press M

o   Enable/disable the info bubble
    - press I

o   Select a new public screen to open PicShow on
    - press F8

o   Choose a new background color for PicShow's screen
    - press B

o   Hide/Show the mouse pointer
    - press O

o   Choose a new screen mode for PicShow's screen
    - press M

o   Enable/Disable random order for slide show
    - press H

o   Enable/Disable screen flash after directory read has finished
    - press F

o   Zoom in
    - press +
    - press + on the numeric keypad

o   Zoom out
    - press -

```
        - press - on the numeric keypad

o  Show normal size
   - press 0

o  Show next picture in multi-image file                                          |
   - press L                                                                      |
                                                                                  |
o  Show previous picture in multi-image file                                      |
   - press K                                                                      |
                                                                                  |
o  Mirror the picture on the X axis                                               |
   - press X                                                                      |
                                                                                  |
o  Mirror the picture on the Y axis                                               |
   - press Y                                                                      |
                                                                                  |
o  Rotate the picture 90\textdegree{} to the right  ←
                                       |
   - press E                                                                      |
                                                                                  |
o  Rotate the picture 90\textdegree{} to the left  ←
                                       |
   - press W                                                                      |
                                                                                  |
o  Open the color manipulation window                                             |
   - press V                                                                      |
```

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                 Arexx port
==========
```

The name of the ARexx port is PICSHOW. It can be changed by the parameter
(or tooltype) PORT. The following commands can be sent to the Arexx port:

FILE <path>   Show the named picture and read the new directory.

```
QUIT                  Exit PicShow.

NEXT                  Show next picture.

PREV                  Show previous picture.

RANDOM                Show random picture

FORWARD               Show next picture in cache.

BACK                  Show previous picture in cache (retrace).

MENU                  Open the picture list.

SCREEN                Toggle screen / Workbench.

SCREEN <ON|OFF>       Open or close the screen as desired.

PUBSCREEN <name>      Set the pubscreen name to a new value.

PUBSCREEN             Open pubscreen requester

REQ                   Open the file requester.

FLASH <ON|OFF>        Enable/Disable beep as desired.

DONTCHECK <ON|OFF>    Disable/Enable file checking as desired.

CHECK <ON|OFF>        Enable/Disable file checking as desired.

CHECK                 Toggle check mode

DELAY <n>             Set the delay time to a new value. 0 = OFF.

DELAY                 Open a requester to let the user choose a delay time

BACKGROUND <color>    Set the background color to a new value.

BACKGROUND            Open color requester

PATTERN <pattern>     Choose a new file name pattern.
                      Must be set before FILE or REQ.

INVERTBG              Invert background color of PicShow screen.

DEPTH <depth>         Change current screen depth (if screen is open)

MODEID <id>           Change current screen mode id (if screen is open)
                      Id is a decimal mode id inquired for example with
                      GetModeID (included in the Visage archive on Aminet)

SCRMODE               Open screenmode requester

SCRMODE <w>x<h>x<d>   Set screen dimensions. PicShow uses BestModeID to
                      find a matching screen mode.
```

```
SETDEPTH <depth>      Set screen depth for next open

SETMODEID <id>        Set screen mode id for next open
                      Id is a decimal mode id inquired for example with
                      GetModeID (included in the Visage archive on Aminet)
                                                                          |
SETSCRMODE <w>x<h>x<d>  Like SCRMODE but do not change immediately        |
                                                                          |
CHANGE                Reopen screen and apply the above changes.

QUIET <ON|OFF>        Dis-/Enables error requesters.

QUIET                 Toggle quiet mode

CLOSEWB <ON|OFF>      Set CLOSEWB flag as desired.

CLOSEWB               Close WB if it is open and vice versa

KEYS <filename>       Load a new key bindings file

KEY <key binding>     Rebind one key.

KEYS                  Open file requester for key bindings file

INFO                  Show the info bubble

INFO <ON|OFF>         Enable or disable the automatic info bubble

NOINFO                Disable the automatic info bubble

SCALE <ON|OFF|DOWN|FILL>
                      Enable or disable scaling. See
            parameter description
                                  for an explanation of DOWN and FILL.

INTERPOL <ON|OFF>     Enable or disable interpolation.

CACHE <n>             Set cache size

CACHE                 Let the user choose a new cache size

FLUSH                 Free all pictures in the cache

BLEND <name>          Enable/disable blending. See
                parameter description
                  for
                      possible names.

BLEND                 Open a requester to let the user choose a blend type

BLENDTIME <n>         Set blend time.

POINTER <ON|OFF>      Enable/disable mouse pointer.

POINTER               Toggle pointer mode

STOP                  Pause / continue slide show
```

```
STOP ON                 Pause slide show

STOP OFF                Continue slide show

SAVE                    Save picture

HARDCOPY                Save hardcopy

SHUFFLE <ON|OFF>        Enable/disable random order in slide show

SHUFFLE                 Toggle shuffle mode

PREFS                   Unused

NAV                     Open/close navigation window

NAV <ON|OFF>            Explicitly open/close navigation window

NAVSKIN <filename>      Load new skin for navigation window

NAVBUTTONS <buttons>    Arrange buttons in navigation window

HELP                    Show key bindings

ZOOMIN                  Zoom in

ZOOMOUT                 Zoom out

ZOOMNORM                Show the picturew in normal size

ZOOMFACTOR              Set zoom factor in % (100 is normal)

ZOOM                    Short for ZOOMFACTOR

NEXTMULTI               Show next picture in multi-image file

PREVMULTI               Show previous picture in multi-image file

ABOUT                   Show informations about PicShow

ANIMATE                 Start/Stop animation                               |
                                                                           |
ROTATEL                 Rotate picture left 90\textdegree{}  ↩
                                     |
                                                                           |
ROTATER                 Rotate picture right 90\textdegree{}  ↩
                                   |
                                                                           |
FLIPX                   Mirror picture horizontaly                         |
                                                                           |
FLIPY                   Mirror picture vertically                          |
                                                                           |
COLORS                  Open color manipulation window                     |
                                                                           |
CLOSEGAD                Enables/Disables the close gadget. While the close |
                        gadget is active, a double click does not quit     |
```

```
                           PicShow.                                        |
                                                                           |
DELETE                     Delete the current picture. A requester asks the |
                           user if he really wants to delete the file.     |
                                                                           |
DELQUIET                   Delete the current picture. The file will be deleted |
                           immediately, without a requester.               |
                                                                           |
SCROLLLEFT                 Scroll the picture to the left (like if the user  |
                           grabbed it with the mouse)                      |
                                                                           |
SCROLLRIGHT                Scroll the picture to the right (like if the user |
                           grabbed it with the mouse)                      |
                                                                           |
SCROLLUP                   Scroll the picture up (like if the user grabbed it |
                           with the mouse)                                 |
                                                                           |
SCROLLDOWN                 Scroll the picture down (like if the user grabbed |
                           it with the mouse)                              |
                                                                           |
SCROLL <LEFT|RIGHT|UP|DOWN>  Scroll the picture to the specified direction |
                                                                           |
                                                                           |
STICKYPOPUP                Change the popup menu setting from sticky to     |
                           volatile and vice versa.                        |
```

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              Key bindings
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Key bindings are read from the files

S:PicShow.keys
env:PicShow.keys
PROGDIR:PicShow.keys
CURRENTDIR:PicShow.keys
```

the file specified by the KEYS function

if they exist. Each file can contain any number of keys, one per line.

Whenever I talk about a <key~binding> in this guide, the following format
is meant:

<key>=<command>

Space characters before and after the "=" are ignored.

<key> can be any key description that also a commodity would accept as a
hot key, except qualifiers like shift, alt and ctrl.

Examples:

```
a, b, c, 1, 2, 3,          Normal keys
numpad 1, numpad 2, enter  Keys on the numeric key pad
f1, f2, f10, help          Function keys
return, del, backspace     Special keys
up, down, left, right      Cursor keys
```

<command> is what the key should do. Valid commands are:

```
QUIT                  Exit PicShow.
NEXT                  Show next picture.
PREV                  Show previous picture.
RANDOM                Show random picture.
FORWARD               Show next picture in cache.
BACK                  Show previous picture in cache.
MENU                  Open the picture list.
SCREEN                Toggle screen / Workbench.
REQ                   Open the file requester.
INFO                  Open the info bubble.
INVERTBG              Invert background color of PicShow screen.
STOP                  Pause / continue slide show
SAVE                  Save picture
HARDCOPY              Save hardcopy
SHELL <command line>  Execute the command line as a shell command.
NOP                   Unbind this key.
NAV                   Open / close the navigation panel
BG                    Open color requester for background color.
SCRMODE               Open screen mode requester for PicShow's screen.
POINTER               Hide/Show mouse pointer.
SHUFFLE               Enable/Disable random order for slide show.
FLASH                 Enable/Disable screen flash after directory read.
CHECK                 Enable/Disable file type checking.
QUIET                 Enable/Disable error messages.
CLOSEWB               Close/Open Workbench screen.
KEYS                  Open file requestor for new key definition file.
PUBSCR                Choose new public screen.
SCALE                 Cycle scale types (off / always / down / fill)
INTERPOL              Enable/Disable interpolation
PREFS                 Unused
BLEND                 Choose blend type
BLENDTIME             Choose blend time
DELAY                 Choose delay time
```

```
HELP                   Show help window with key bindings
ZOOMIN                 Zoom in
ZOOMOUT                Zoom out
ZOOMNORM               Show the picture in normal size
NEXTMULTI              Next picture in multi-image file
PREVMULTI              Previous picture in multi-image file
ANIMATE                Start/stop animation
FLUSH                  Free all pictures in the cache
CACHE                  Set new cache size
ABOUT                  Show informations about PicShow
ROTATER                Rotate picture right 90\textdegree{}  ←
                                 |
ROTATEL                Rotate picture left 90\textdegree{}  ←
                                 |
FLIPX                  Mirror picture horizontaly                   |
FLIPY                  Mirror picture vertically                    |
COLORS                 Change colors                                |
CLOSEGAD               Enable close gadget and disable double click |
DELETE                 Delete the current picture, with safety requester |
DELQUIET               Delete the current picture immediately       |
SAVEPREFS              Save default settings                        |
SCROLLLEFT             Scroll picture to the left                   |
SCROLLRIGHT            Scroll picture to the right                  |
SCROLLUP               Scroll picture up                            |
SCROLLDOWN             Scroll picture down                          |
STICKYPOPUP            Make popup menu sticky or volatile           |
```

In the command line of the SHELL command the following placeholders can be
used to include information about the current picture:

```
%p   Path
%f   File name
%n   Number (starting with 1 at the top of the list)
%w   Width
%h   Height
%d   Depth
%t   Type
%q   ARexx port name                                              |
%r   public screen name                                           |
```

The placeholders can contain any modifiers that a C format string accepts
(for example %04n for a 4 digit number to the left padded with 0's),

Please look into the file PicShow.keys for examples.

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The navigation panel
====================

The navigation panel allows the user to navigate PicShow with the mouse.
All functions available as key strokes are also available on the navigation
panel. The panel is fully configurable.

The navigation panel is activated by the NAV parameter or tooltype or by
pressing the F5 key.

Possible functions

The following PicShow functions can be integrated in the navigation panel.
Descriptions on arrangement and skins follow. You can use either the number,
the short or the long form to specify a function.

```
No.   Short   Command      Description

 1    MO      MOVE         Move the navigation panel
 2    NO      NOP          Empty key with no function
 3    QU      QUIT         Exit picshow
 4    CL      CLOSE        Close the navigation panel
 5    RE      REQ          Open file requester
 6    PF      PREFS        Edit preferences
 7    ME      MENU         Open picture list
 8    SC      SCREEN       Switch screen
 9    IV      INVERTBG     Change background color
10    SA      SAVE         Save scaled picture
11    HA      HARDCOPY     Save hardcopy
12    PV      PREV         Show previous picture
13    NE      NEXT         Show next picture
14    BA      BACK         Browse cache backward
15    FO      FORWARD      Browse cache forward
16    RA      RANDOM       Show random picture
17    ST      STOP         Start/stop slide show
18    IF      INFO         Open/disable info bubble
19    BG      BACKGROUND   Set background color of custom screen
20    PT      POINTER      Blank/show mouse pointer
21    MD      SCRMODE      Change mode id for custom screen
22    SH      SHUFFLE      Enable/diable random order in slide show
23    FL      FLASH        Switch on/off flashing after dir read
24    CH      CHECK        Switch on/off file type check
25    QE      QUIET        Switch on/off error messages
26    WB      CLOSEWB      Open/close Workbench screen
```

```
27   KE   KEYS        Read key bindings from file
28   PU   PUBSCR      Choose name of public screen
29   SL   SCALE       Set scale type / enable scaling
30   IN   INTERPOL    Enable/disable interpolation
31   BL   BLEND       Choose blend type
32   HE   HELP        Show help window
33   ZI   ZOOMIN      Zoom in
34   ZO   ZOOMOUT     Zoom out
35   ZN   ZOOMNORM    Show the picture in normal size
36   BT   BLENDTIME   Choose blend time
37   DE   DELAY       Choose delay time
38   NM   NEXTMULTI   Next picture in multi-image file
39   PM   PREVMULTI   Previous picture in multi-image file
40   FU   FLUSH       Free all pictures in the cache
41   CA   CACHE       Set new cache size
42   AB   ABOUT       Show informations about PicShow
43   AN   ANIMATE     Start/stop animation
44   RL   ROTATEL     Rotate picture left 90\textdegree{}  ←
                                        |
45   RR   ROTATER     Rotate picture right 90\textdegree{}  ←
                                        |
46   FX   FLIPX       Mirror picture horizontaly                     |
47   FY   FLIPY       Mirror picture vertically                      |
48   CO   COLORS      Change colors                                  |
49   DL   DELETE      Delete the current picture with safety question  |
50   DQ   DELQUIET    Delete the current picture immediately         |
51   LU   SCROLLUP    Scroll the picture up                          |
52   LD   SCROLLDOWN  Scroll the picture down                        |
53   LL   SCROLLLEFT  Scroll the picture left                        |
54   LR   SCROLLRIGHT Scroll the picture right                       |
55   SP   SAVEPREFS   Save the current settings as default           |
56   SM   STICKYPOPUP Make the popup menu sticky / volatile          |
57   CL   CLOSEGAD    Enable close gadget and disable double click   |
80   U1   USER1       User definable command
81   U2   USER2       User definable command
82   U3   USER3       User definable command
83   U4   USER4       User definable command
84   U5   USER5       User definable command
85   U6   USER6       User definable command
86   U7   USER7       User definable command
87   U8   USER8       User definable command
88   U9   USER9       User definable command
89   U0   USER10      User definable command
```

The Prefs and User commands do not yet have a function.

How to arrange the buttons

The button arrangement of the navigation panel can be changed by the
NAVBUTTONS parameter or tooltype. After the keyword follows a list of
functions in the order of appeerence. Functions are seperated by comma.
Space characters are not allowed.

The order is from left to right, alternating the top and bottom button.

The MOVE operator must not be used in the arrangement ! It is added
automaticaly on the left and right of the panel.

The default arrangement is CL,QU,BA,PV,FO,NE,ST,RA,RE,PF,ME,IF,SC,IV,SA,HA.

How to create new skins

The default skin is PicShowNav.iff in the same directory as PicShow. You
can specify a different file name or location using the NAVSKIN parameter
or tooltype.

A skin consists of one picture file containing all buttons and their
pressed pendants. The picture starts on the left with the drag bar symbol
and its pressed image. Then the buttons follow, the original on the top and
the pressed image below.

In the default skin the width of the drag bar is 5 pixels and each button
is 25 x 25 dots. Each element has a one pixel frame around it. Note that
the frame is used by both adjacent buttons.

If you want to vary the button size, you must keep the proportions. Use the
supplied program
                PicShowTem
                 to create a template.

If you want to change the order of buttons in the skin or if you want to
omit some unsused buttons, you must create an Icon for the picture file
containing the tooltype BUTTONS. The BUTTONS argument works just like the

                NAVBUTTONS
                 parameter of PicShow with the only exception that this time the
string must start with the MOVE command.

The default skin order is: MO,NO,QU,CL,RE,PF,ME,SC,IV,SA,HA,PV,NE,BA,FO,
RA,RA,ST,ST,IF,IF,U1,U2,U3,U4,U5,U6,U7,U8,U9,U0,NO

If not all buttons fit into one tooltype line, add another BUTTONS
tooltype. All BUTTONS tooltypes will be concatenated.

There are four buttons that change their function when pressed: STOP
(start/pause slide show), INFO (show/disable info bubble), RANDOM
(enable/disable random order) and SCREEN (open/close custom screen). In the
skin picture the alternate function must follow immediately after the
original. In the BUTTONS line the alternate button must get the same
function as the original one.

Note that the RANDOM button does not yet toggle.

Attention: the toggling function of the SCREEN button was added later. For
compatibility reasons the second screen image does not appear in the
default skin order that is built into PicShow. In order to use the toggling
screen button you must supply an icon with the BUTTONS= tooltype for the
skin picture.

```
The PicShowTem program
----------------------
```

The program can be started from Workbench or from the Shell. If called
without parameters it opens a GUI window. It needs the width and hight of
one button and the number of buttons. It then saves a template picture to
the given file name. Currently it does not create an icon for the file.

```
The JoinPictures program
------------------------
```

Some programs (e.g. PPaint) have problems working with pictures that are
wider than 1008 pixels. So I have written this programs that joins several
pictures to one expanded one.

It can only be called from the Shell. Syntax is:

JoinPictures <part1> <part2> ... as <big_picture> [nocompress]

All pictures must be in IFF ILBM format.

```
Parameters:
-----------
```

FILE/M/A   Enter the file names of the several parts here.

TO=AS/A   Enter the name of the destination picture here.

NOC=NOCOMPRESS/S   Save the destination bitmap uncompressed.

1.9 PicShow V1.21 Guide

Contents

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Future

```
                    Future Ideas / ToDo
====================
```

- configuration editor

- use multitasking instead of multithreading to speed up responsiveness.

- preload pictures for more speed (needs multitasking)

- function to print pictures

- show thumbnails (and print catalog)

- editor for the navigation panel

- download picture file if the specified path is an URL

- loose collection of tips and hints how to do this and that with PicShow

Known bugs:

- Scaling does only work well on >8bit screens. On <=8bit screens,
  pictures are first dithered and than scaled; looks ugly.

- The palette of the displayed picture is corrupted when loading next
  picture and cache size is 1.

- blendtime is exceeded on slow machines.

- color settings are reverted when picture is rescaled or rotated or mirrored.