

Picture Archiver HELP Index Menu Entries:

The **File** menu

The **Database** menu

The **Record** menu

The **Image** menu

The **Comment** menu

The "File" menu

This commands allows to work with files

Commands:

New... - creates new database

Open... - loads existing database

Directory... - makes and changes directory

Exit - leaves **Picture Archiver**

The "New" command

After the input of this command the "Database setting" dialog box is called . You should enter a database name (up to 8 Latin characters), define the type of preview cards formed by the **Picture Archiver** program (the "Color" and "Grey" fields), define whether the preview cards would be formed in advance and saved on a disk (the "Save Cards" field), whether initial images would be included into the Database or whether only the preview cards would be saved in the database as a graphic information (the "Include Images" field), enter the size of cards (the "Vertical size" and "Horizontal size" fields), key word names (the "Key word names" field) and define whether key words would be displayed when looking over the list of records (the "Show" field). Indications of a format are permissible in the key word names. With this purpose in view you should include a format mark at the end of the key word name in accordance with the following table:

%d - integer;

%f - floating point number.

If the format mark is not included the key word would be perceived as a string of characters. Provided the images are included into the database it is necessary to select the image compression mode after pressing the "Pack method" button. At present the compression is supported in accordance with the LZW and JPEG technologies.

The LZW technology allows to compress initial images by 1.5-3-fold without a loss of quality. The JPEG allows to compress initial images by 10-30-fold with a small loss of quality. When choosing the JPEG technology you should enter a quality parameter. The required quality parameter depends on the task being solved, the quality and type of initial images and it is selected in an experimental way. The compression may considerably increase the time for looking over, exporting and printing images, but it will allow you to save the space on a disk. After filling up the above-mentioned fields it is necessary to check up a correctness of the parameters entered and to press the "OK" button. The entered database description is recorded on a disk, and for making the first record the "Record setting" dialog box is called .

Note: In case of selecting the "Do Not Include Initial Images" and "Do Not Save Cards" modes simultaneously the **Picture Archiver** program may be used for saving a textual information only.

Attention! It is urgently recommended to place every database in a separate directory.

The "Open" command

After the input of this command the "Open a File" dialog box is called . It is necessary to choose a file out of the suggested ones in the dialog box by pressing a button on the mouse while pointing out the file name and then pressing the "Open" button, after which the "List of Records" containing the list of records of the open database will be displayed, and the name of file with the open database will appear in the name of the **Picture Archiver** basic window.

The "Directory" command

The "Database" menu

This set of commands allows to change the type of the database and to display the content of the database.

Commands:

List - shows list of records

Images - shows preview cards

Edit - changes type of database

Link - transfers database into a single file

Unlink - transfers database into a set of files

Clear - unloads database

Menu "Record"

This set of commands allows to edit and modify database record

Commands:

Edit - edits the record currently displayed

Delete - deletes the record currently displayed

Add - adds a new record

Search - makes a record search

Next and Previous - lists the database

Update preview - rebuild all preview cards

Menu "Image"

This set of commands allows to display and export an image included in the record currently displayed on screen

Commands:

View - displays the image stored in database

Print - prints the image

Export - exports the image in TIFF file format

Edit - invokes an image editor

Menu "Edit"

Invokes an image editor

After the input of this command an image editor is invoked, and Picture Archiver passes the name of an image loaded into active window to this editor.

The editor must be registered in the PARC.INI file in the [DIRECTORIES] key:

[DIRECTORIES]

EDITOR=C:\PMAN15\PMAN.EXE

Menu "Comment"

This set of commands allows to export textual information stored in database in file and on clipboard and to print it

Commands:

Print - prints comments

Export - save comment in file

Copy - places comments on the clipboard

The "Database setting" dialog box

After the input of this command the "Database setting" dialog box is called . You should enter a database name (up to 8 Latin characters), define the type of preview cards formed by the **Picture Archiver** program (the "Color" and "Grey" fields), define whether the cards would be formed in advance and saved on a disk (the "Save Cards" field), whether initial images would be included into the Database or whether the cards would be saved in the database as a graphic information (the "Include Images" field), enter the size of cards (the "Vertical size" and "Horizontal size" fields), key word names (the "Key word names" field) and define whether key words would be displayed when looking over the list of records (the "Show" field). Indications of a format are permissible in the key word names. With this purpose in view you should include a format mark at the end of the key word name in accordance with the following table:

%d - integer;

%f - floating point number.

If the format mark is not included the key word would be perceived as a string of characters. Provided the images are included into the database it is necessary to select the image compression mode after pressing the "Pack method" button. At present the compression is supported in accordance with the LZW and JPEG technologies. The LZW technology allows to compress initial images by 1.5-3-fold without a loss of quality. The JPEG allows to compress initial images by 10-30-fold with a small loss of quality. When choosing the JPEG technology you should enter a quality parameter. The required quality parameter depends on the task being solved, the quality and type of initial images and it is selected in an experimental way. The compression may considerably increase the time for looking over, exporting and printing images, but it will allow you to save the space on a disk. After filling up the above-mentioned fields it is necessary to check up a correctness of the parameters entered and to press the "OK" button. The entered database description is recorded on a disk, and for making the first record the "Record setting" dialog box is called .

Note: In case of selecting the "Do Not Include Initial Images" and "Do Not Save Cards" modes simultaneously the **Picture Archiver** program may be used for saving a textual information only.

Attention! It is urgently recommended to place every database in a separate directory.

The "Record setting" dialog box

After the input of this command the "Record setting" dialog box is called . Then it is necessary to fill in the "Record name" and "Key words" fields. When filling in the "Key words" fields it is necessary to pay attention to the format flags of key words . A retrieval of files with images is accomplished through a selection of the file type and name with the help of the mouse. After selecting a file it is necessary to press the button of the mouse two times after which the name of the required file will appear in the "Selected files" window. If the standard image is recorded in Clipboard then it could be attached to the record by pressing the "Paste" button. A textual information (comments) is included into a record with the text editor called by pressing the "Comment" button.

Attention! When editing a record and changing the contents of images included into the record it is necessary to make sure that there are all the files mentioned in the "Selected files" window in the working directory.

The "Open a File" dialog box

The "Change directiry" dialog box

The "List ..." command

After the input of this command the "List of Records" dialog box containing all the records of the loaded database is called . Every line of the list consists of the record number, record name and a number of key words, and at the same time only those key words appear in a line of the list for which the "Show" parameter was entered in the "Database setting" dialog box . For displaying the required record you should select it with the help of the mouse and press the "Show" button.

Note: When a search mask is loaded (the filter flag in the name of the basic window) then only records corresponding the mask are displayed.

The "Images" command

After the input of this command up to 28 Windows with images from the database appear on the screen. The window names contain record numbers and names corresponding to the images. If the number of images stored in the database is over 28 then the scroll bar appears at the right side of the main window which allows to scroll images of the database. For displaying a record corresponding any image it is necessary to bring the cursor to the required image and press the left button of the mouse two times.

Note: When a search mask is loaded (the filter flag in the name of the main window) only records corresponding to the mask are displayed.

The "Directory" command

The "Link"

After the input of this command the booted database is transformed from a set of files containing a database descriptor, a textual and graphic information into a single file. At the same time operations of editing the database and records are prohibited.

The "Unlink" command

After the input of this command the loaded database is transformed from a single file into a set of files containing a database descriptor, a textual and graphic information with the MDB, CMT and PRE extension correspondingly. At the same time operations of editing the database and records are allowed.

The "Clear" command

After the input of this command all the buffers related to the booted database are cleared, any operations with the database are prohibited.

The "Search" dialog box

After the input of this command the "Search" dialog box is called. The search for a required record may be accomplished by the record number and name, by key words and by the name of a file with an initial image provided initial images are included into the database. For entering a search mask it is necessary to fill in the fields corresponding to the sphere of search and to enter correlations by pressing the button against the corresponding field and by selecting a correlation (>, <, =, <=, >=). When filling in the fields for a search it is possible to use the "*" character for a designation of an unknown part of a word ("wild card"), in this case the correlations will be ignored. The search is not accomplished for empty fields. After filling in the search fields and entering the correlations it is necessary to press the "OK" button. The results of the search are displayed on the screen in the form of a list of records corresponding to the given search mask. The display of the required record on the screen is accomplished by selecting the record and pressing the "Show" button. For saving the search mask it is necessary to press the "Save" button, in this case the flag "filter" will appear in the name of the **Picture Archiver** main window, and all the subsequent operations will be realized only with records corresponding to the saved mask right up to the running of the "Free filter" command of the "Database" menu.

Note: When saving the search mask all the editing operations are prohibited.

The "View" command

After the input of this command the selected image is displayed, and the dimensions of the window with the image are defined by a free space of the memory of the computer.

Note: Provided initial images are not included into the database the running of this command would not lead to a better visual perception in comparison with a visual perception of a card when displaying the record.

The "Print setting" dialog box

After the input of this command the "Print setting" dialog box is called. The **Picture Archiver** program allows to output images directly to a printer and also to prepare images for printing in the clipboard or a file. When preparing images for printing and for outputting images to a black-and-white printer it is recommended to choose the use of a raster of images. After indicating the required dimensions, please, press the "OK" button, and the image will be printed.

The "Print" command

After the input of this command the "Font" dialog box is called . It is necessary to choose a font for printing and press OK button.

Note: It is best of all to choose a font for printing in an experimental way.

The "Export" command

After the input of this command the "Export" dialog box is called . You should choose the file name and press OK button.

The "Export" command

After the input of this command the "Export" dialog box is called . It is necessary to choose the type of a file being saved and to enter its name. After pressing the "OK" button the file will be formed with the image in the format which was chosen

Note: Provided initial images are included into the database the image may be exported to the RGB TIFF file and to the 8-bit halftone TIFF file. If initial images are not included into the database then the image may be exported to the 8-bit halftone TIFF file and to the TIFF. BMP and PCX files with a palette, and the number of colors in the file with a palette will be defined by the number of colors in the card with the image.