

GO-CR Index

The Index contains a list of all Help topics available for GO-CR. Index items are arranged in alphabetical order within each major category. You can use the scroll bar to see the entries that are not currently visible in the Help window.

For information on how to use Help, press F1 or choose Using Help from the Help menu.

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GO-CR keys

Use the following keys in GO-CR:

In Window with Recognized Text:

Moving the Insertion Point

Key(s)

Up Arrow
Down Arrow
Right Arrow
Left Arrow
Ctrl+Right Arrow
Ctrl+Left Arrow
Home
End
PgUp
PgDn
Ctrl+End

Function

Moves up one line.
Moves down one line.
Moves right one character.
Moves left one character.
Moves right one word.
Moves left one word.
Moves to the beginning of the line.
Moves to the end of the line.
Moves up one window.
Moves to the beginning of the document.
Moves to the end of the document.

Selecting Text

Key(s)

Shift+Left or Right Arrow

Shift+Down or Up

Shift+PgUp

Shift+PgDn

Shift+Home
Shift+End
Ctrl+Shift+Left Arrow
Ctrl+Shift+Right Arrow
Ctrl+Shift+Home
Ctrl+Shift+End
Ctrl+Ins

Function

Selects text one character at a time to the left or right or, if the character is already selected, cancels the selection.
Selects one line of text up or down or, if the line is already selected, cancels the selection.
Selects text up one window. Or, if the previous window is already selected, cancels the selection.
Selects text down one window. or, if the next window is already select, cancels the selection.
Selects text to the beginning of the line.
Selects text to the end of the line.
Selects the previous word.
Selects the next word.
Selects text to the beginning of the document.
Selects text to the end of the document.
Copies the selected text onto Clipboard

In window with scanned image

Key(s)

Arrows
Space+arrows

Function

Scrolls the image in the arrow's direction
Draws a frame into the image to mark an area for subsequent recognition

Commands

File Menu

New
Save
Save As...
Save Image Selection...

Edit Menu

Undo
Cut
Copy
Paste

Select All

Recognize Menu

Read From Scanner
Read Last Bitmap

Prescan Menu

Scale

Show Menu

Last Text
Last Bitmap, Scale

Options Menu

Parameters...
Control
Tools

File Menu

New

Save

Save As...

Save Image Selection...

Edit Menu

Undo

Cut

Copy

Paste

Clear

Select All

Recognition Menu

Read From Scanner

Read Last Bitmap

Prescan Menu

Scale

Show Menu

Last Text

Last Bitmap, Scale

Options Menu

Parameters...

Control

Tools

Recognizing from scanner

To recognize text from the scanner:

- 1 Set parameters in the **Options** menu if necessary.
- 2 **From menu:** choose 'Read from Scanner' from the **Recognize** menu.



By graphic tools: click on this tool on the left side of the window.

- 3 Move the scanner carefully in the selected direction over the text to be recognized.
- 4 Hit any key to stop the scanning process. The recognition process begins and the text appears on the screen.

Notes

- 1 If the scanner's light goes off before the desired part is scanned the available memory buffer is full. In this case using the text merging option is recommended.
- 2 The scanned image can be later displayed at different scale values.

Related Topics

[Recognizing from the recently scanned image](#)

[Recognizing a part of the recently scanned image](#)

[Merging texts or putting texts together](#)

[Displaying the recently scanned image at different scales.](#)

Recognizing from the recently scanned image

To recognize text from the recently scanned image:

- * **From menu:** choose 'Read from Last Bitmap' from the *Recognize* menu.



By graphic tools: click on this tool on the left side of the window.

The recognition process begins and the text appears on the screen.

Related Topics

[Recognizing from scanner](#)

[Recognizing a part of the recently scanned image](#)

Recognizing a part of the recently scanned image

To recognize a part of the recently scanned image:

- 1 Select the desired part of the image by drawing a bounding frame on it.
- 2 **From menu:** choose 'Read Last Bitmap' from the **Recognize** menu.



By graphic tools: click on the tool on the left side of the window.

The recognition process begins and the text appears on the screen.

Related Topics

[Recognizing from scanner](#)

[Recognizing from the recently scanned image](#)

[Selecting a part of the scanned image.](#)

Scanning an image

To scan an image:

- 1 Set parameters in the **Options** menu if necessary.
- 2 **From menu:** choose '**Scale**' from the **Prescan** menu and choose the desired scale value for displaying the image (**100%**, **50%**, **25%**) from **Scale's** submenu.

By graphic tools: see below.



Click on this tool to display the image without compression after scanning.



Click on this tool to display the image at 50% compression after scanning.



Click on this tool to display the image compressed to 25% of its original size after scanning



After selecting the scale of displaying click on this tool to start scanning.

- 3 Move the scanner carefully over the document to be scanned.
- 4 Hit any key to stop the scanning process.

Notes

- * If the scanner's light goes off before the desired part is scanned the available memory buffer is full.

Related Topics

[Displaying the recently scanned image at different scales](#)

Displaying the recently scanned image at different scales

To display the recently scanned image:

- 1 **From menu:** choose '**Last Bitmap, Scale**' from the **Show** menu and choose the necessary scale value for displaying the image (100%, 50%, 25%) from '**Last Bitmap, Scale**'s submenu.

By the graphic tools: see below.



Click on this tool to display the image without compression.



Click on this tool to display the image at 50% compression.



Click on this tool to display the image compressed to 25% of its original size

- 2 If using graphic tools and the window currently contains recognized text one additional step is required:



Click on this tool to display at the selected scale value

Notes

- * This procedure can be carried out after recognizing from scanner too. It is not necessary to make a prescan first to get a bitmap of the scanned image.

Related Topics

[Scanning an image](#)

[Recognizing from scanner](#)

Displaying the recently recognized text

To display the recently recognized text:

- * **From menu:** choose '**Last Text**' from the **Show** menu.



By the graphic tools: click on this tool on the left side of the window.

Notes

- * This procedure can be used if the recently scanned image is displayed after recognition.

Related Topics

[Displaying the recently scanned image at different scales.](#)

[Recognizing from scanner](#)

Saving the resulting text of a Recognition

To save the recognized text under a new name:

- 1 Choose '**Save As...**' from the ***File*** menu.
- 2 Enter a new filename or select an existing one from the listbox.
- 3 Select the **Save** button in the dialog box

To save the current text after subsequent changes:

- * Choose '**Save**' from the ***File*** menu.

Notes

- * The text is saved in ASCII format, characters are represented in the output character set that was selected at recognition time.

Related Topics

[Appending text to an existing file](#)

Saving the resulting image of a Prescan or a Recognition

To save the the image under a new name:

- 1 Choose '**Save As...**' from the **File** menu.
- 2 Enter a new filename or select an existing one from the listbox.
- 3 Checkmark the **compressed** checkbox to create a compressed TIFF (PackBits) file or remove the checkmark to create an uncompressed TIFF file.
- 4 Select the **save** button in the dialog box

To save the scanned image under the current name:

- * Choose '**Save**' from the **File** menu.

Notes

- 1 An image can be saved only if it is currently displayed in GO-CR's window, i.e. after '**Prescan**' or '**Show Last Bitmap**'.
- 2 The scanned image is saved in it's original size regardless of the current scaling factor.

Related Topics

[Saving a part of the scanned image](#)

[Scanning an image](#)

[Displaying the recently scanned image at different scales](#)

Saving a part of the scanned image

To save a part of the scanned image:

- 1 Select a part of the image.
- 2 Choose '**Save Image Selection...**' from the **File** menu.
- 3 Enter a new filename or select an existing one from the listbox.
- 4 Set the **compressed** flag to checked to create a compressed (PackBits) TIFF file or set it to unchecked to create an uncompressed TIFF file.
- 5 Select the **save** button in the dialog box

To save the image selection under the current name:

- * Choose '**Save**' from the **File** menu.

Notes

- 1 An image selection can be saved only if it is currently displayed in GO-CR's window, i.e. after '**Prescan**' or '**Show Last Bitmap**'.
- 2 The selected part is saved in it's original size regardless of the current scaling factor.

Related Topics

[Saving the resulting image of a 'Prescan' or a 'Recognize'](#)

[Scanning an image](#)

[Displaying the recently scanned image at different scales.](#)

Appending text to an existing text file

To append text:

- 1 Choose '**Save As...**' from the **File** menu.
- 2 Select an existing file name from the listbox.
- 3 Checkmark the append checkbox in the dialog box.
- 4 Select the **save** button in the dialog box.

Notes

- * The text is saved in ASCII format, characters are represented in the output character set that was selected at recognition time.

Related Topics

[Saving the resulting text of a recognition](#)

Deleting the actual text and/or image

To delete the actual text and/or image:

- * Choose '**New**' from the ***File*** menu.

Notes

- * If there is text and/or image not yet saved the program gives the opportunity to save it before completing this command.

Related Topics

[Saving the resulting text of a Recognition.](#)

[Saving the resulting image of a Prescan or Recognition](#)

Changing GO-CR's working parameters

To change GO-CR's parameters **from menu:**

- 1 Choose '**Parameters...**' from the **Options** menu.
- 2 Set the necessary options in the dialog box or select the **defaults** button.
- 3 Select the **OK** button to confirm the new options or **cancel** to abandon changes.

To change GO-CR's parameters **by graphic tools:**

- * Select the necessary option tool at the bottom of GO-CR's window by clicking on it with the mouse.
Not all the parameters can be changed with the option tools.

Related Topics

[Using Action/Option tools](#)

Selecting the output character set

To select the output character set:

- 1 Choose '**Parameters...**' from the **Options** menu.
- 2 Select one of the character sets in the dialog box. The following sets are available : IBM ASCII, ANSI, Roman 8.
- 3 Select **OK** to set the new character set.

Notes

- 1 This parameter cannot be changed by the graphic tools.
- 2 To select the appropriate output character set the user must know how the text will be processed later.

Related Topics




[Saving the resulting text of a recognition](#)

Selecting the scanning direction

To select the scanning direction **from menu**:

- 1 Choose '**Parameters...**' from the **Options** menu.
- 2 Select one of the scanning directions in the dialog box. The following directions can be selected:
Vertical (top to bottom) and horizontal (left to right and right to left).
- 3 Select **OK** to set the new scanning direction.

To select the scanning direction **by graphic tools**:

* Click on the  or  or  tool at the bottom of the window depending on the scanning direction.

Notes

- * Column handling options are valid only with vertical scanning direction.

Related Topics

[Scanning/recognizing multi-column texts/images](#)

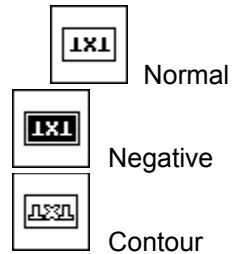
Selecting the image processing attribute

To select image attributes **from menu**:

- 1 Choose '**Parameters...**' from the **Options** menu.
- 2 Select one of the image attributes in the dialog box. The following attributes are available: Normal, Negative and Contour.
- 3 Select 'OK' to set the new image attribute.

To select an image attribute **by graphic tools**:

- * Click on one of the following image attribute tools at the bottom of the window:



Notes

- * Select '**Normal**' to recognize black letters on white background or to scan an image as it is on the original.
- * Select '**Negative**' to recognize white letters on black background or to invert the scanned image.
- * Select '**Contour**' to have the objects in the image outlined. (This option cannot be used with 'Recognition').

Selecting column handling options

To select column options **from menu:**

- 1 Choose '**Parameters...**' from the **Options** menu.
- 2 Select one of the column options in the dialog box. The following options can be selected: **No** columns, **discard left**, **discard right**, **discard both** and/or **decolumize**.
- 3 Select **OK** to set the new column options.

To select column options **by graphic tools:**

- * Click on one of the following column handling tools at the bottom of the window:



no columns or



discard left or



discard right or



discard both and



decolumize

Important notes

- 1 See the related topic to have detailed information on column handling.
- 2 Column handling options are valid only with vertical scanning direction.

Related Topics


[Scanning/recognizing multi-column texts/images](#)

Selecting the merging option

To set the merging option **from menu**:

- 1 Choose '**Parameters...**' from the **Options** menu.
- 2 Checkmark the **merge texts** checkbox.
- 3 Select **OK** to set the new option.

To select the merge option **by graphic tools**:

- * Click on this  tool at the bottom of the window.

Important notes

- 1 See the related topic to have detailed information on text merging.

Related Topics

Merging texts or putting texts together

Merging texts or putting texts together

- 1 Select the **merge texts** option.
- 2 Start recognition from scanner and scan the text. Because **merge texts** is selected this starts a series of successive recognitions.
- 3 Stop the scanning process as described at the corresponding procedure. The recognition begins and the recognized text appears on the screen.
- 4 A dialog box pops up with two buttons: **stop** and **continue**.
- 5 Choose **continue** to do more scanning and recognition, or **stop** to finish this series of recognitions.
- 6 If **continue** is chosen the scanner is switched on again and the scanning can be continued. After scanning go to step 3.

Important notes

The results of the recognitions are put together in the following way:

1. If there are overlapping text parts between two adjacent recognition passes the two parts are merged together in a way that the overlapping is eliminated. Always the second set is kept from the two sets of the common lines.
2. If there is no overlapping the second part is simply appended to the preceeding one.
3. The overlapping lines do not have to be exactly the same. The merging algorithm tolerates some differences between the corresponding lines.
4. **Merge texts** is allowed both in vertical or horizontal scanning direction. This option is extremely useful when recognizing text without columns with lines longer than the scanning width. In this case scan the text horizontally with the **Merge texts** option set.

Related Topics

Selecting the merging option

Scanning/recognizing multi-column texts/images

- 1 Select the necessary column handling option.
- 2 Select vertical scanning direction.
- 3 Do Recognition (**Read**)/Prescan from the scanner. If doing Recognition optionally set the **merge texts** option.
- 4 After scanning the columns are processed according to the selected options.

Important notes

The columns are processed in the following way:

1. **Discard left:** the first whole or fractional column on the left side is discarded, the rest of the image remains intact.
2. **Discard right:** the first whole or fractional column on the right side is discarded, the rest of the image remains intact.
3. **Discard both:** the two whole or fractional columns on the left and right sides are discarded, the rest of the image is processed according to the **Decolumnize** option, i.e. if **Decolumnize** is not set, the rest of the image remains intact. If **Decolumnize** is set, the columns are arranged one below the other. Decolumnizing is successful only if the columns which remain in the image after discarding are approximately of the same width.
4. If there is one whole and one fractional column in the scanned image (e.g. at any side of a newspaper or magazine) then **DISCARD (fractional column's side)** and **DISCARD BOTH** settings give the same result.

Related Topics

[Recognizing from scanner](#)

[Selecting column handling options](#)

[Selecting the scanning direction](#)

Checking the scanner's switches and document quality

To check the scanner and the document:

- 1 Set the **letter/text/photo** switch (if there is one) to the letter(text) position (marked usually with a black square) to get a line-art image. Only line-art images are suitable for recognition.
- 2 Set the resolution switch to 200, 300 or 400 dpi.
- 3 Scan the document at 100% displaying scale to get an image on the screen.
- 4 Check the image on screen. The settings are adequate if the characters are not fragmented and do not touch each other.
- 5 If necessary correct the Brightness and go to step 3.

Related Topics

Scanning an image

Copying, Cutting and Pasting text

To copy and paste or cut and paste text:

- 1 Select the text.
- 2 Choose '**Copy**' from the **Edit** menu to copy text or choose '**Cut**' to cut text.
- 3 Move the insertion point where you want the text to appear or select text you want to replace.
- 4 Choose '**Paste**' from the **Edit** menu.

Related Topics

[Deleting text](#)

[Selecting all the text](#)

[Undoing edits](#)

Deleting text

To delete one character at a time:

- 1 Press Backspace to delete the character to the left of the insertion point.
- 2 Press Delete to delete the character to the right of the insertion point.

To delete more than one character:

- 1 Select the text you want to delete.
- 2 Press Backspace or Delete, or choose '**Cut**' from the **Edit** menu to place the text onto Clipboard, or choose '**Delete**' to delete the text, but leave the Clipboard contents intact.

Related Topics

[Copying, Cutting and Pasting text](#)

[Selecting all the text](#)

[Undoing edits](#)

Selecting all the text

To select all the text:

- * Choose '**Select All**' from the ***Edit*** menu.

Related Topics

Copying, Cutting and Pasting text

Deleting text

Undoing edits

Undoing edits

To undo the last edit:

- * Choose '**Undo**' from the **Edit** menu.

Related Topics

[Copying, Cutting and Pasting text](#)

[Deleting text](#)

[Selecting all the text](#)

Copying image (bitmap) onto Clipboard

To copy a part of the scanned image onto Clipboard:

- 1 Scan an image or show the recently scanned one.
- 2 Select a part of the image.
- 3 Choose '**Copy**' from the ***Edit*** menu

Related Topics

[Scanning an image](#)

[Displaying the recently scanned image at different scales.](#)

[Selecting a part of the scanned image.](#)

Using Action/Option tools

Using the action tools:

The **Action Tools** appear at the left side of GO-CR's window. Choosing an action can be done by clicking on it with the mouse. The mouse button must be released while the mouse cursor is in the action tools area. If the mouse button is released outside it, the action will not be chosen

The Action Tools are the following ones:



Read from Scanner



Read last Bitmap



Prescan



Show last Text



Show last Bitmap

The **Option Tools** appear at the bottom of GO-CR's window. Selecting an option can be done by clicking on it with the mouse. The actual setting is indicated by a frame on the selected option's image (blue on color monitors). Options not available at the current settings are dimmed. Column handling tools are flashing while the program processes columns. The 50% and 25% '**Scale**' tools are flashing while the scanned image is being scrolled and disk transfer occurs.

The Option Tools (scanning direction):



top to bottom,



left to right,



right to left

The Option Tools (column handling):



no columns,



discard left,



discard right,



discard both



merge texts,



decolumnize

The Option Tools (image display scaling):



no compression,



compress to 50%,



compress to 25%

The Option Tools (image attributes):



normal image



negative (invert) image,



outline image

Notes

* All functions are available without graphic tools.

Related Topics

[Showing/hiding the Action/Option tools](#)

[Changing GO-CR's working parameters](#)

Showing/hiding the Action/Option tools

To show tools (if not showed):

- * Choose '**Tools**' from the ***Options*** menu.

To hide tools (if showed):

- * Choose '**Tools**' from the ***Options*** menu.

Related Topics

Using Action/Option tools

Selecting a part of the scanned Image

With mouse:

- 1 Click with the mouse to any corner of the area to be selected and hold down the mouse button.
- 2 Drag the mouse to the opposite corner of the area with the mouse button still pressed. The selected area is marked with a frame drawn with a broken line.
- 3 The frame can be removed by a simple mouse click.

With keyboard:

- 1 Position the cursor with the arrow keys to any corner of the area to be selected.
- 2 Press and hold down the space bar.
- 3 Use the arrow keys to draw the frame.
- 4 To remove the frame press spacebar.

Related Topics

[Recognizing a part of the recently scanned image](#)

[Copying image \(bitmap\) onto Clipboard](#)

Changing the type of the hand scanner

To select the type of the hand scanner currently used:

- 1 Choose '**Control**' from the ***Options*** menu.
- 2 Select the type of your hand scanner.
- 3 If DMA buttons are enabled then select the DMA channel you want to use.

Procedures

Recognizing from scanner
Recognizing from the recently scanned image
Recognizing a part of the recently scanned image
Scanning an image
Displaying the recently scanned image at different scales
Displaying the recently recognized text
Saving the resulting text of a recognition
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Selecting all the text
Undoing edits
Copying image (bitmap) onto Clipboard
Using the Action/Option tools
Showing/hiding the Action/Option tools
Selecting a part of the scanned image
Changing the type of the hand scanner

New

Clears the current working area (removes text and/or image).

Related Topics

[Saving the resulting text of a Recognition](#)

[Saving the resulting image of a Prescan or a Recognition](#)

Save

Saves the recognized text or scanned image.

Related Topics

[Saving the resulting text of a Recognition](#)

[Saving the resulting image of a Prescan or a Recognition](#)

Save As...

Saves the recognized text or scanned image under the specified file name.

Related Topics

[Saving the resulting text of a Recognition](#)

[Saving the resulting image of a Prescan or a Recognition](#)

Save Image Selection

Saves the selected part of the scanned image under the specified file name.

Related Topics

[Saving a part of the scanned image](#)

Undo

Undoes the last edit.

Related Topics

[Copying, Cutting and Pasting text](#)

[Deleting text](#)

[Selecting all the text](#)

[Undoing edits](#)

Cut

Copies the selected text onto Clipboard and removes it from the current text.

Related Topics

[Copying, Cutting and Pasting text](#)

[Deleting text](#)

[Selecting all the text](#)

[Undoing edits](#)

Copy

Copies the selected text or bitmap onto Clipboard.

Related Topics

[Copying, Cutting and Pasting text](#)

[Deleting text](#)

[Selecting all the text](#)

[Undoing edits](#)

[Copying image \(bitmap\) onto Clipboard](#)

Paste

Pastes text from the Clipboard.

Related Topics

[Copying, Cutting and Pasting text](#)

[Deleting text](#)

[Selecting all the text](#)

[Undoing edits](#)

Delete

Deletes the selected text.

Related Topics

[Copying, Cutting and Pasting text](#)

[Deleting text](#)

[Selecting all the text](#)

[Undoing edits](#)

[Copying, Cutting and Pasting texts](#)

Select all

Selects the whole text.

Related Topics

[Copying, Cutting and Pasting text](#)

[Deleting text](#)

[Selecting all the text](#)

[Undoing edits](#)

Read from Scanner

Starts the recognition from the scanner.

Related Topics

[Recognizing from scanner](#)

Read from Last Bitmap

Starts the recognition from the recently scanned image (bitmap).

Related Topics

[Recognizing from the recently scanned image](#)

[Recognizing part of the recently scanned image](#)

Prescan from scanner

Starts the scanning from the scanner and displays the resulting image at the selected scale value.

Related Topics

[Scanning an image](#)

[Checking the scanner's switches and document quality](#)

Show last text

Displays the recently recognized text if the corresponding image is displayed.

Related Topics

[Displaying the recently reongized text](#)

Show last bitmap

Displays the last bitmap at the selected scale value.

Related Topics

[Displaying the recently scanned image at different scales](#)

Parameters

Invokes the parameter setting dialog box.

Related Topics

[Changing GO-CR's working parameters](#)

Control

Invokes the dialog box for changing the scanner type.

Related Topics

[Changing the type of the hand scanner](#)

Tools

Shows or hides the Action/Option tools.

Related Topics

[Showing/hiding tools](#)

