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Before you use the system

**make sure that you read the TUTORIAL.TXT file.
read the README.TXT file
remember to ask Informatik Inc. for help if necessary**

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Database Administration (Create and Modify the Database Structure)

The Database Administration is a separate sub-system with its own Online Help system.

If you have Microsoft Access database installed on your computer, you may prefer to perform the database administrative functions (such as creating or restructuring databases) with Access. Docuthek only supports MS-Access version 2.0.

From the Database or File menu of the **main window** (all windows closed), choose Database Design.

Tutorial, Getting Started

For an extensive and updated tutorial, please read the TUTORIAL.TXT file.

Copyright, Registration, Technical Support

This system was developed by Informatik Inc, P.O. Box 868, Devon, Pennsylvania 19333. For information on program modifications, systems integrations and custom applications, please contact Informatik Inc.

This is a copyright-protected shareware product. If, after review and evaluation, you like the software, please register. Shareware is based on trust, and we hope that all users will register. Upon registration and payment of the registration fee, Informatik Inc will send you the latest master diskette, a registration certificate and a print file of the User Guide. Registered users will receive technical support and software upgrades as specified in the application.

To register

From the About menu, choose 'Registration, Copyright, License' and follow the instructions.

To obtain technical support

From the Help menu, choose Technical Support and follow the instructions.

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Printing the Report

To print a report

1. Before you print the report, you may want to adjust the column width. In the heading of the report, point to the column partition line and, while holding the left curser down, move the line to the left or right.
2. From the File menu, choose Print Standard Report. To print the field values vertically, choose Print Vertical Report.
3. The system prompts you to enter a short report heading.
4. In the Print Dialog, select the printer (if required).
5. Choose OK.

Image - Renumber Pages, Delete Pages

TIFF and DCX file formats support multiple pages. When appending an image to an existing file, the **image is always appended as the last page**. However, the pages can be re-numbered or deleted in a separate procedure.

To re-arrange or delete a page

1. Open the document image. The first page of the image is displayed.
2. From the File menu, choose Renumber/Delete Pages. The Renumber/Delete Pages window appears.
3. In the second column of the grid of page numbers, click the page that you want to move or delete.
4. Choose the Up, Down or Delete button. To move the page several steps, repeat the process for each step.
5. To start over, choose the Refresh button.
6. To execute the move or delete, choose OK.
7. If a page is deleted, the original file is temporarily saved in the SAVEIMG file in the application's directory.

Save, Retrieve SQL Query

An SQL query statement can be saved to disk and later be retrieved.

To save an SQL query

1. Create an SQL query.
2. From the File menu, choose Save SQL.
3. In the Save Dialog, select the file name. Ensure that you are in the correct directory.
4. Choose OK.

To open (retrieve) an SQL query

1. From the File menu in the Query window, choose Open SQL.
2. In the Open Dialog, select the file name. You may need to change the directory and/or extension name first.
3. Choose OK.

Save Image

To save an in image file

1. In the Image window, display the image.
2. From the File menu, choose Save As. The Save AS form is displayed.
3. Select the directory.
4. In the Graphics Format list, select the format code (normally TIF).
5. In the File Name box, type the file name. If the file name has a trailing serial number, you can increment the number by pressing the Next Serial Number button.
6. Choose Save.

If the file name already exists, files in the TIFF and DC formats are appended as new pages .

SQL Query (Advanced)

1. Open the Query window. From the Edit menu, choose Clear Screen, or press the Clear button (cross-out). This step is not required if the screen is already cleared.
2. In the SQL Query Builder grid, select the individual fields that you want listed as columns in the Query report. Just click the cell in the Select column. A check mark appears in the selected cell. The fields are already pre-selected. Click the blue 'Check mark' button to include all fields, or the white 'Check mark' button to exclude all fields. To un-select an individual field, place the cursor in the appropriate cell in the Select column and click, or press the Delete key.

The selected fields can now be filtered, aggregated (summarized) and sorted, as described below. In addition to the listed database table fields, you can create calculated data columns, such as variances, data permutations, etc. This more advanced but powerful application is described at the end of this topic.

3. Click a Source Expression cell. A listing of available Filter Operators is displayed. In most cases, you will use the '= is' or the 'LIKE' filter operator. If so, you need not select the filter operator; the system will do it for you. The default filter operator depends on the type of the field (numeric or non-numeric)
4. In the yellow input box, type a filter expression. The entry can be a single value, a wild card word or an expression. If the filter expression uses a word that is also a field name or a system keyword (but unrelated), then place a single quote at the beginning and at the end of the word, or place an asterisk at the end of the word.

Examples:

>= 1000 (More or equal 1000)
IN NY, PA, NJ (just items in NY, PA and NJ)
NOT IN NY,PA,NJ (all, except in NY, PA and NJ)
BETWEEN 1000 and 2000 (items between 1000 and 2000)
NOT BETWEEN 1000 and 2000 (all, except items between 1000 and 2000)
LIKE SM (all items starting with the letters 'SM')
< date() (transactions before today's date)
<> TrxDate (items that are not equal to the date in the TrxDate field)
Is NULL (records with a blank field)

For more detail please see [SQL Expressions and Functions](#)

5. Complete your query by selecting **summary**, **sorting**, **formatting** operators and **column totals**. These features are optional and are often not required for straightforward queries. If you place filters in several fields, review the 'and/or' parameters. They are defaulted to 'and' but you may wish to change them to 'or'.
6. You can rearrange the sequence (order) in which the fields are displayed in the SQL Report. In the SQL Builder grid, select the row that you want to re-arrange. From the Report menu, choose Sequence of Columns and specify the new row position.
7. Press Query button, press F8 or choose Run Report from the Report menu. A listing of

matching records is displayed. Adjust the column width, if necessary, by dragging the column separator in the column heading.

8. Optionally, for interest, review the SQL statement. From the Report menu, choose View SQL Statement. If you know the SQL language, feel free to change the SQL statement. To close the SQL window, run the SQL query or choose Hide SQL Statement from the Report menu.

If you modify the SQL Statement, it must be run with the Execute SQL Statement in the Report menu, NOT with the Query button.

9. You can refine the results with additional filters and sorts. From the Report menu, select Refine Query.
10. To view the detail of one record tabulated in vertical format, select the record and choose Summary of Record from the Report menu (Y + CTRL), or simply right-click on the record..

Aggregate and Filter Combo

You can combine an aggregate function with a filter expression. For example, you may want to list the states where the total aggregate sales volume exceeded one million dollars. In this case insert the 'Sum' aggregate in the Sales Volume row, select the >= filter operator and type 1000000 as the filter expression. Check the State row (only the State row should be checked; all other rows should normally remain un-checked.)

Create calculated columns

You can create additional 'calculated' columns, such as variances between two fields, calculated values, etc. Click the blank Field cell (second column) with a 'plus' picture in the bottom row. Type the selection formula.

Examples:

Sales - Budget AS Variance

will display the variance between the Actual and Budget fields and produce a new report column labelled 'Variance':

Datepart("m",InvDate) AS Month

will display the month of the InvDate field and produce a new report column labeled Month. (For quarters, use "q", for year, use "yyyy", for day, use "d")

IIF(Actual > Budget ,"Good","Bad")

will display 'Good' if the Actual exceeds Budget, and 'Bad' if Actual is below budget.

Date() - [InvDate]

will display the number of days between a date shown in the InvDate field and today's date.

If the field name has an embedded space, you must enclose the field name in square brackets, e.g. [Sales Amount]. Notice that the keyword 'AS' (or 'as') is required to specify the report column label. Without the AS keyword, the column header will be a system generated code.

There is virtually no limit what you can do. Any good book on SQL will give you further insight into the

Tagging Items

Records on the SQL Report can be tagged. Tagging is useful if you want to print or export only a few selected records from a SQL Report.

To tag records

In the SQL Report, double-click the record. A check mark appears in the first cell of the record. To undo a tag, simply double-click the record again, or press the Delete key.

-or-

Highlight the rows and choose Tag Record from the Edit menu. To highlight the rows, drag the mouse over the records while holding down the left mouse button.

The printing or export functions include only tagged items (if there is at least one tagged item).

Please note that purgeable items cannot be selected with the tag method. Also, tagging has no effect on the Filter and Sort methods in the Refine menu. The Refine procedure removes all the tags.

SQL Expressions and Functions

See also: [SQL Query](#)

The SQL filter consists of a **filter operator** and a **filter expression**. The format of the filter expression depends on the type of filter operator. Some examples of filter operators and filter expressions are shown below:

=	Equal (is)
>	More
>=	More or equal
<	Less
<=	Less or equal
<>	Not equal

These operators search for **exact** matches. The filter expression can be a single value, a formula or a reference to a table/field, system date function, etc

1/1/94, 3/31/94-1/31/94

100, 1000+250-(50/2)

Actual, Budget. (Where Actual and Budget are field names)

Date(), Date() + 30. (Date () is a function that returns the current date)

LIKE, NOT LIKE

These operators search for **patterns**, not exact matches. The filter expression typically is a word (or phrase) with embedded or trailing wild card characters. There are three types of wild card characters:

? stands for a single character,

stands for a single digit (0-9),

* stands for a sequence of zero or more characters.

The system always appends a trailing asterisk (*) and you should not use it at the end of a word. (But you can remove it in the SQL statement. To do so, go to the SQL menu).

Examples of filter expressions:

SM returns Smith, Smyth, Smeaton, etc (remember, the trailing asterisk is not required)

M?LLER returns Miller, Muller, etc

##/12/95 returns all the dates in December 1995

'Miller' returns only Miller names

Miller returns items that contain the word 'Miller', such as Joe Miller, Kornmiller, Millerville. Miller Street, etc.

BETWEEN, NOT BETWEEN

The filter expression must provide the 'from' and the 'to' values, separated by the 'and'. Wildcard characters are not allowed.

Example: 100 and 200

IN, NOT IN

This very useful (and often overlooked) filter expression returns the records that match the listed values. Don't forget to enter commas between the values. Wildcards are not permitted.

Example: 100, 110,120,130,140

IS NULLIS, NOT NULL

Returns blank (or not blank) values. This operator is useful to isolate fields that are blank or not blank.

Functions

The supported functions include: DateSerial, Year, Month, Day, Weekday, TimeSerial, Hour, Minute, Second, Chr, Asc, Hex, Oct, Val, Fix, Int, Abs, Sgn, Atn, Cos, Sin, Tan, Format, Lcase, Ucase, Space, String, Len, Instr, Left, Mid, Right, Trim, Ltrim, Rtrim, DateDiff, DateAdd, DatePartDate, Time, Now, Iif, IsNull, IsDate, IsDate, IsNumeric.

Some of the most often used functions are explained below.

Date()

Returns the current system date.

DatePart()

Extracts part of the date, for example the month, the quarter, the year.

Example: DatePart("m",Date()) returns the month of the current date. To extract the quarter, use "q", to extract the year, use "yyyy", to extract the day, use "d".

DateAdd()

Adds days, months or years to a date.

Example: DateAdd("m",1,Date()) adds 1 month to today's date.

DateDiff()

Returns the number of days (etc) between two specified dates

Example: DateDiff("d", "3/1/95", "1/31/95")

Example: DateDiff(Duedate, Billingdate)

Example: DateDiff(Date(), Billingdate)

Format()

Converts the parameter.

Examples:

Format(Date(), "mm/dd/yy")

Format(Datefield, "dddd")

Format(Datefield, "hh:mm AM/PM")

See Format section below.

Left()

Returns the specified number of characters from the left.

Example: Left(Customer,5) returns the 5 left-most characters of the Customer field.

Right()

Returns the specified number of characters from the right.

Example: Right(Customer,5)

Mid()

Returns the specified number of characters inside a string.

Example: Mid(Customer,4,5) returns 5 characters from the Customer field, starting with the 4th character. If the 'length' parameter is blank, all characters from the starting point are returned.

Len()

Returns the number of characters in a string.

Example: Len(Customer) returns the number of characters in the Customer's name.

InStr()

Returns the character position of a searched string.

Example: InStr("abcdefg","d") returns 4 (d is the fourth letter in the string).

IIF()

Evaluates the expression and returns the correct answer.

Example: IIF(Due < Date(),"Overdue",""). If the Due date (from the table) is earlier than today's date, show "Overdue", otherwise leave blank.

IsNull(), NOT isNull

Returns TRUE if value is NULL (i.e. invalid)

Example: IIF(IsNull(Billingdate),"INVALID","VALID"). If Billingdate field is invalid (null), return INVALID, otherwise return VALID.

Example: IIF (NOT IsNull(Billingdate),"VALID","INVALID"). Opposite of above example.

LTrim(), Rtrim(), Trim()

Trims the blank spaces at the left, at the right or both sides. This function is useful when concatenating fields where a field may be blank.

Example: Rtrim(Firstname & " " & Middlename) & " " & Lastname. The extra space caused by a non-existing middle name is eliminated.

Arithmetic Operators

+, **-**, *****, **/** are the basic mathematical functions for adding, deducting, multiplying and dividing.

Use the **back-slash (\)** for divisions where the result must be an integer (no fractional values). For example: $100 \setminus 3 = 33$

Use **Mod** to find the fractional value of a division.

For example: $100 \text{ Mod } 3 = .33333$

Use the **ampersand (&)** operator to concatenate text values:.

For example: [City] & " " & [State] & " " & [Zip] = Devon, Pa 19333
(City, State and Zip are database fields)

Format

The Format function requires specific format keywords. Please refer to the Format function above.

Popular format keywords are:

q	Quarter of the year (14)
y	Day of the year (1366)
yy	2digit year
yyyy	4digit year
m	Month without leading zero
mm	Month with leading zero, e.g. 09
mmm	Abbreviated month, e.g. Feb
mmmm	Month spelled out, e.g. December
d	day without leading zero
dd	day with leading zero, e.g. 02
ddd	Abbreviated day, e.g. Wed
dddd	Day spelled out, e.g. Friday
hh	Hour
mm	Minute
AM/PM	Uses 12hour clock, e.g. 3:15 PM
am/pm	Uses 12hour clock, e.g. 3:15 pm
A/P	Uses 12hour clock, e.g. 3:15 P
a/p	Uses 12hour clock, e.g. 3:15 p
Currency	Amount with currency sign, e.g. \$1,000.00
Standard	Standard value presentation, e.g. 12,000.00
Percent	Expressed as a percentage, e.g. 10%
#,##0.00##	Number with minimum of two and maximum of four decimals
Long Date	Date format as specified in Windows Control Panel
Medium Date	Date format as specified in Windows Control Panel
Short Date	Date format as specified in Windows Control Panel

Image - View, Print

To view an image, you must know the image file name. If the images are indexed in the Docuthek system, the image file number can be obtained quickly with a query.

The images are always displayed in the currently active image window. If you want to display the image in a new and separate window, select New Image Window from the File menu in the Image window BEFORE you select the new image.

To display an image

1. Run a query and identify the record associated with the image. In the Query Report, click any cell of the record. (The text of the selected cell will become the caption of the image.)

(To open an image without a query, choose Open from the File menu in the Image window. In the dialog box, select the directory and specify the file name. Ignore paragraph 2 below.)
2. Press the Imaging button in the Query window or press F12. The Image System window opens and the image is displayed.
3. If necessary, change the viewing aspects. From the View menu, choose:

Resize Image
Fit to Window (retaining the proportional aspects)
Zoom (see below)
Rotate
Invert
and other options
4. Open the next or prior image, as follows:

Open - Next File Displays the next serialized file.
Open - Prior File Displays the prior serialized file.
Open - Next Query Displays the image in the SQL Query Report.
Open - Prior Query Displays the image in the SQL Query Report.

Pages

The TIFF and DCX files support multi-page formats. When you open a multi-page file, several useful navigational buttons become active in the toolbar. These buttons allow you to move to the first, next, prior and last page of the current file. The page navigation functions are also available from the View menu.

To print the image

1. Select and display the image as explained above.
2. From the File menu, choose Print. The Print Image window appears.
3. Specify the Scale Options. Select 'Scale to Fit' or choose a specific scale.

4. Specify the top and left margins (offset).
5. If the document consists of several pages, specify the 'from' and 'to' page numbers. Pages are supported only for TIF and DCX file formats.
6. To set up the printer, choose Setup Printer. This step is normally not required.
7. Choose OK.

Magnification

You can select the image magnification rate (or 'size-to-fit') in the View menu. To quickly increase the magnification by 25%, click on the Plus button in the toolbar or simply double-click on the image. To reduce the magnification, click on the Minus button , or click on the image while pressing the CTRL button. The magnification selection will have no effect if the image is set to 'size-to-fit'. The magnification rates in the View menu can be specified in Setup.

Set the Window Size

The window size can be set for the duration of the session by choosing Set Windows Size from the View menu.

Zoom

From the View menu, choose Zoom, or click on the Zoom button in the tool bar. The mouse pointer changes to a cross-hair. Select a section of the image with your mouse. Drag the mouse while holding down the left button. The selected area is indicated by a 'rubber band'. Release the mouse. The zoomed section is displayed. To increase the zoom factor, click on the zoomed image; to reduce the zoom factor click on the zoomed image while pressing CTRL, or click the right mouse button. To cancel the zoom, click on the main image, click on the Zoom button again, or press the Delete key. The zoomed and the original image can be resized with the Plus (+) and Minus (-) buttons in the toolbar.

Copy

To copy a section of the image, choose Copy from the Edit menu. The mouse pointer changes to a cross-hair. Select a section of the image with your mouse. Drag the mouse while holding down the left button. The selected area is indicated by a 'rubber band'. Release the mouse. The selected area is copied to the Windows Clipboard.

Close the Image

An image window may be closed by double-clicking the Control button in the upper-left corner of the image window, by choosing Close from the File menu, or by pressing the Delete key.

Clear the Screen

To clear all open image windows, choose Clear from the Windows menu.

Cascade, Tile

To arrange the open image windows in 'Cascade' or 'Tile' mode, choose the option from the Windows menu.

Inexing, Editing

The indexing of an image consists of two separate actions: 1) You must copy the scanned image to a permanent disk file (such as an optical disk), and, 2) you must create an index so that the image can be located quickly. Infothek provides a very powerful and versatile database ideally suited for image indexing. The index database and table must be carefully planned and designed. The index database must include a field named 'Imagefile' to accommodate the image file name.

To index an image

1. If not already displayed on the screen, open the image file. From the File menu, choose Open and specify the file name.
2. Form the File menu, choose Data Edit and Indexing, or click the Edit button (pencil).

If the image does not need to be reformatted (e.g. to TIFF), and does not need to be relocated to another directory, then ignore sections 3 - 5 below and go straight to section 6.

3. For the first image in a session, specify the directory of the permanent image files (such as the optical disk). In the 'Image File' frame at the top of the window, click the Directory field. The Document Directory window is displayed. From the various pull-down lists, select the drive and directory and specify the Graphics Format (normally tif). Choose OK.

If you specify 'COPY' as a graphics format, the file will be copied to the new directory 'AS IS' without conversion. If you specify 'TIFF' (not 'tif'), all files, regardless of the extension names, will be converted to TIFF files, and the given extension name will be kept; for example, a xxximg.001 will be saved as a TIFF file and the '001' extension will remain unchanged.

4. In the Data Edit and Indexing window, in the 'Copy to CD' frame, enter the new file name. The file name must conform to the MS DOS file naming convention. For 16-bit databases, the base name must not exceed eight characters. Do NOT enter an extension name.

If the destination file name has trailing numerals, for example IMAGE001, the file name can be incremented to the next serial number by simply pressing the Increment button.

If you want the system to delete the source image file automatically, after the image is committed to the permanent file, check the Auto-Delete box.

If the system should retain the image file name when committing the image to the permanent file, check the Dub box.

5. For a **new image file**, press the Commit New button; to **append the image** to an existing file (TIFF and DCX files only), press the Commit Append button . The image is now copied to the new file.

If the graphics format is set to COPY (see paragraph 3 above), the file will be copied (or moved) 'as is' without reformatting). This method may be appropriate if you want to move

an entire multipage file.

6. Enter all the database table fields. The file name (Imagefile) is already defaulted or will be copied from the Image File section.

If the Data Edit and Indexing window shows the data of another record, or if you get an error message, choose Clear Screen, or click the Clear button (cross-out). Generally, this step is not required. Clearing the screen creates a blank record, ready to be filled in.

To copy the field data from the previous entry, press F3. The system includes several productivity tools; please read the sections on Cloning, Shortcuts below and read the Autotext section.

To insert special ASCII characters, place the insertion point to the location where you want to make the insert and choose ASCII from the Edit menu. From the pop-up list, select the character.

To restore a record to the state of its last update, choose Restore Record from the File menu.

3. If you need to edit a record, you should open the record with the left-right arrows or with the Search function (see below). Make the necessary changes and press the Confirm button (checkmark) or move to another record. Moving to another record automatically updates the changes.
7. Press the Confirm button (checkmark).
8. Display the next image. From the File menu of the image system (not Data Edit and Indexing), choose Open File or Open Next File. Power users press F5 to quickly retrieve the next file.

Delete a record

From the Edit menu, choose Delete Record and confirm. The action cannot be undone.

Shortcuts

Press F3 to repeat the field entry from the prior confirmed record.

Create a 'template' of entries (see Edit menu) and post the template by pressing Ctrl+F3.

As shortcuts, Ctrl + N confirms (updates) the index data entry and displays the next image, Ctrl + F12 commits the image and confirms the index in one step. Shift+Ctrl+F12 commits the image, confirms the index and moves to the next image in one step.

Cloning

Open the record that you wish to clone. From the Edit menu, select Clone Record. The cloned record is displayed as a new record. Make the necessary changes to the cloned record and choose

the Update button.

Search a Record

Click the field that you want to search and choose the Search menu. In the dialog box, specify the search characters. For example, to search for 'Miller', type Miller or Mil. Press on Search button.

The system displays the first matching record. If there are several matching records, use the 'Arrows' button to move to the next or prior record.

The search feature filters out the records with matching word patterns. Only the matched records are included in the lineup of records. To remove the filter, blank out the search box (or enter an asterisk) and click the Search button again.

Export, Import Data

Before you export data, the data must be selected with a query. The export will include only the records listed in the Query Report. The export format is standard "ASCII delimited" or 'tab delimited'.

To export the records on the SQL Report to a file (Comma and Quote delimited)

1. In the Query window, run a query to select the records for export.
2. Optionally, tag the records that you wish to export. See [Tagging Items](#)
3. From the File menu, choose Export Data.
4. In the Save Dialog, select the file name. You may need to change the directory and/or extension name first.
5. Choose OK.

To export the records to the Clipboard (Tab delimited)

1. In the Query window, run a query to select the records for export.
2. Highlight the cell area that you wish to export to the clipboard (tags are ignored).
3. From the File menu, choose Export to Clipboard.
4. In a spreadsheet application, use the Paste function to copy the data into the spreadsheet.

Import Data

Data is imported via the Data Administration sub-system. Start up the Database Administration and select Import from the Options menu.

Purge the Database

Before you can purge the database, you must select the purgeable records with a query. Only the records included in the SQL Report will be purged. Make a complete back-up tape before you run a purge.

All records in the SQL Query will be purged. Tagging individual records has no effect on the purge action.

To purge the database

1. In the Query window, run a query to select the purgeable records.
2. Review the Report. Continue, if you are satisfied that all records on the Report can be purged.
3. From the File menu, choose Purge.
4. Carefully read the warning on the Purge Dialog. Click on the OK button to continue, or select Cancel.

Refine the SQL Query

Sometimes you may not be satisfied with the SQL Report. Instead of re-creating the SQL statement, you can refine the current report with sorting, additional filtering, and totals.

To filter out data from an existing SQL Report.

1. From the Report menu, choose Refine Query | Filter. The SQL Filter window appears.
2. From the Field list, select the field on which you want to apply a filter.
3. From the Filter Operator list, select the filter operator.
4. In the Filter Expression field, enter the filter expression.
5. Choose OK.

To re-sort the existing SQL Report

1. From the Report menu, choose Refine Query | Sort.
2. From the list of options, select the field and sort option.

AutoText, Speed-Type

AutoText expands an entered abbreviation code to full a text (Edit screen).

To set up the AutoText option, you must create a new database named AUTOTEXT.MDB and a table named AUTOTEXT. The database must be located in the application's directory. The table must consist of two fields: the Code field and the Text field. You must also create an index named Index1 with the Code field as the ascending key. The index must be specified as Primary and Unique.

Once the AutoText database is created, you must populate it with your abbreviation codes. Simply select the Autotext database and enter the abbreviations via the Edit screen. The abbreviation codes must not have any spaces.

The abbreviation code is expanded to its full text when you press Function Key 2 in the Edit screen.

If you need assistance with the setup, please contact Informatik Inc at info@informatik.com.

Setup. Preferences

To specify the system parameters and the preferences, choose the Setup menu. The Setup window is displayed.

Startup Window Width

This field specifies the width of the image display window. If the value is 100 or less, the entry represents a percentage of the screen width. If more than 100 it represents the measurement in twips (1440 twips = 1 inch; 576 twips = 1 cm).

Image Window Height

This field specifies the height of the image display window. If the value is 100 or less, the entry represents a percentage of the screen width. If more than 100 it represents the measurement in twips (1440 twips = 1 inch; 576 twips = 1 cm).

State

This field specifies the state of the master window (MDI window). Set the value to 2 if you want the master window maximized.

Scale

This field specifies the default magnification of the image.

Startup

This field specifies the window that should be opened when you start up the program. The options are Imaging, Edit, Query and None.

Magnification List

The View menu of image display window has various magnification options. The default magnification ratios are: 32, 48, 96, 150, 200, 300, in addition to Customize. The list of magnifications can be customized in this field. If you enter 50, 100, 150, 200, 300, 400, 500 the menu list will be changed to these specified ratios.

Options

A number of special options will be added to the program.

The current options are:

nosave

The Save As option is disabled.

printall

Default is set to print ALL pages.

If you use several options in this field, separate them with a comma or a space.

Print Offset Left, Print Offset Top

Enter the left and top margins for printing purposes. The values are in inches or centimeters depending on the Windows setup.

Path substitution

The path substitution will substitute (by an equal number of characters) the leading characters of the path name. For example, if the Path Substitution is D:\ and the query shows an image name of c:\mydir\myimage.tif, the system will display the d:\mydir\myimage.tif file.

Fixed Path

When displaying an image from the search and query screens, the fixed path will be appended as a prefix to the file name in the Imagefile field. For example if your database refers to the image file name as IMG0001.tif (i.e. it does not show the image file name's path) and the Fixed Path has an entry of C:\IMAGES\, then the system will open the C:\IMAGES\IMG0001.tif file.

Scanning

Several options are available for the scanning of documents. Most of the scanners come with their own scanning software and you probably want to use that scanning software. If the scanner's own software is not suitable, you can use the integrated scanning software, or a companion scanning program (ScanApp) available from Informatik Inc.

The integrated scanning software provides the basic scanning functions. Basically, you will request the scan of a document, the document is scanned and displayed on the screen, you enter the index information, and request the scan of the next image.

The ScanApp program has several other functions, such as Automatic Document Feeder support, annotation, white-out, black-out, highlighting, etc. With the ScanApp application you will not be able to enter the index information during the scanning session.

To use the integrated scanning:

1. From the Scan menu, select either the Scan Direct or the Scan Dialog method. With the Scan Dialog method, the scanner's dialog window will be displayed. The scanner scans the image and displays it. Adjust the scale if necessary.
2. From the toolbar, choose the Edit button (pencil), or choose Data Edit and Indexing option from the File menu. Enter the necessary information and save the image and the index.

If you prefer to use ScanApp, download the application file from Informatik's web page and copy it into the imaging application's directory. The ScanApp executable file must be renamed to scan1.exe, scan2.exe or scan3.exe so that it can be launched from the Scan menu.

Search Database (Lite)

There are two methods of searching the database. You can run an [SQL Query](#) with its powerful SQL interface, or you can run a simple database search (Lite Search) as described here.

The system defaults to either the SQL Query or the Lite Search depending on the System setup.

Click on the Search button in the toolbar (question marks), or choose Query from the File menu or the Menu menu. The Lite Search window opens up.

You can choose two search fields and two search operators. These can be defaulted in Systems Setup. In the third box (with the blinking insertion point), type in the search criteria. From the list box on your right, select all the fields that you want listed in the search report. Drag the cursor over the selected fields, or click on the selected fields while holding down the Ctrl key. If necessary, change the Boolean value (And, Or) for the second search field.

The search specifications can be saved as defaults. To save the specifications, choose Save Setting from the Setup menu.

Click on the Query button (green spot) or press Function Key 8; the search will be executed. The matched items will be listed in the report below.

To view the image of a record, select the record and click on the Image button (camera), or press Function Key 12, or simply double-click on the record.

For a more elaborate search, with tagging, export, printing, refinement and SQL statements, choose SQL Query (Advanced).

Example:

You want to search the database for the name 'Smith' in the Name Field and for a date in 1996 in the Date Field.

In the first Search Field, choose the Name field.

In the first Search Operator, choose STARTS WITH if the surname is at the beginning, otherwise choose INCLUDES).

In the Filter box, type Smith (or smith)

In the second Search Field, choose the Date field.

In the second Search Operator, choose IS BETWEEN.

In the Filter box, type 1/1/96,12/31/96 (note the comma between the two values)

If you wanted to search for Smith, but not for names starting with Smith, like Smithson, use the Search Operator IS EXACTLY, instead of STARTS WITH.

If you wanted to search for all persons with names of Madison, Bauer and Mock, you would use the Search Operator IS IN. In the Filter you would type the three names, separated by a comma.

Date values can be entered in most common formats, such as 11/15/95, Jan 15,1996, etc.

