



Be aware this works ONLY if one loads a .STR file then uses Hex AND if one has clicked in the right hand pane on the field being searched in the Structure View.

Here are the steps:

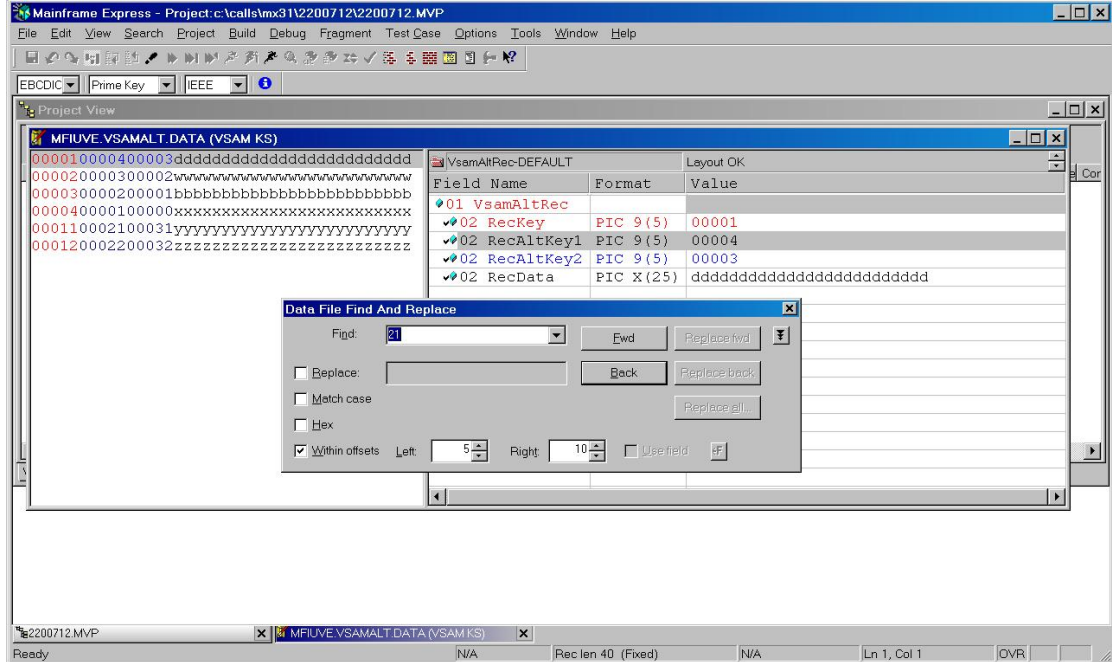
- Create a .STR file for your sequential or indexed file (see Online Help, Index tab, type in 'record layout')
- Open the data file using the Data File Editor then load the structure file (File>Data Tools>Load Record Layouts)
- Open the Data File Find and Replace via Search>Data Tools>Data File Find and Replace
- Click in the right hand pane on the field to be searched
- Enter the search argument in the hex display area
- To search on another field, click on the field in the right hand pane then click on the 'refresh' button that looks like this: <-F

There are several attachments to this article. The attached screen captures show a find when clicking in the left hand pane and typing in a value or character string. (See Find1/2.Jpg). And then a click on the field in the right hand pane using a hex entry (See Find3/4.Jpg). Notice that the field length changes when a new field is selected (See Find5.Jpg).

The Online Help entries for Mainframe Express are shown in Help1/2.Jpg. The Online Help entries for Net Express are shown in Help3/4.Jpg.

Possible useful items & notes:

Find1.Jpg



Find2.Jpg

The screenshot shows the Mainframe Express interface with a project named 'c:\calls\mx31\2200712\2200712.MVP'. The main window displays a data file named 'MFIUVE.VSAMALT.DATA (VSAM KS)'. The data is organized into records with various fields. A 'Data File Find And Replace' dialog box is open, showing a search for '21' in the 'RecKey' field. The dialog includes options for 'Replace', 'Match case', and 'Hex', and is set to search within offsets of 5 characters to the left and 10 characters to the right of the field.

Field Name	Format	Value
01 VsamAltRec		
02 RecKey	PIC 9 (5)	00011
02 RecAltKey1	PIC 9 (5)	00021
02 RecAltKey2	PIC 9 (5)	00031
02 RecData	PIC X (25)	yyyyyyyyyyyyyyyyyyyyyyyyyy

Find3.Jpg

The screenshot shows the Mainframe Express interface with the same project. The main window displays the same data file. A 'Data File Find And Replace' dialog box is open, showing a search for '00021' in the 'RecKey' field. The dialog includes options for 'Replace', 'Match case', and 'Hex', and is set to search within offsets of 6 characters to the left and 10 characters to the right of the field. The 'RecKey' field in the data table is highlighted with a blue background.

Field Name	Format	Value
01 VsamAltRec		
02 RecKey	PIC 9 (5)	00001
02 RecAltKey1	PIC 9 (5)	00004
02 RecAltKey2	PIC 9 (5)	00003
02 RecData	PIC X (25)	ddddddddddddddddddddddd

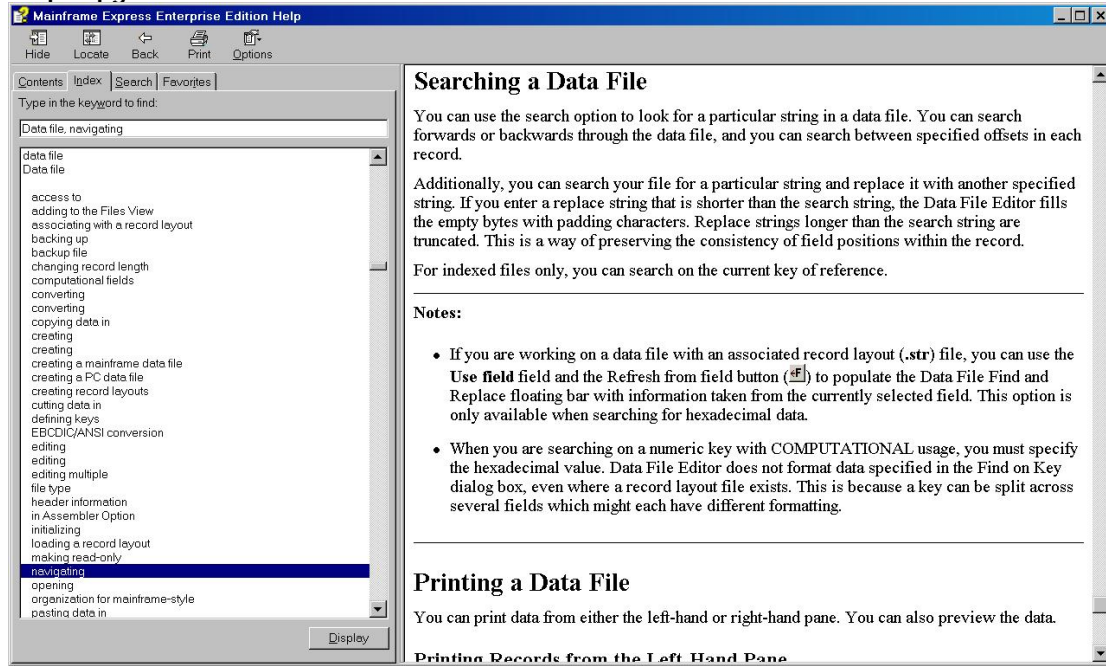
Find4.Jpg

The screenshot shows the Mainframe Express interface with a project named '2200712.MVP'. The main window displays a data file 'MFIUVE.VSAMALT DATA (VSAM KS)' with several lines of hexadecimal data. A 'Data File Find And Replace' dialog box is open, showing the search criteria: 'Find: 00021', 'Replace: 00021', 'Match case' checked, and 'Hex' checked. The 'Within offsets' are set to Left: 6 and Right: 10. The 'Use field' checkbox is also checked. A table on the right lists fields: '01 VsamAltRec', '02 RecKey', '02 RecAltKey1', '02 RecAltKey2', and '02 RecData'. The status bar at the bottom indicates 'Rec len 40 (Fixed)', 'Field 3 of 5', 'Ln 5, Col 6', and 'OVR'.

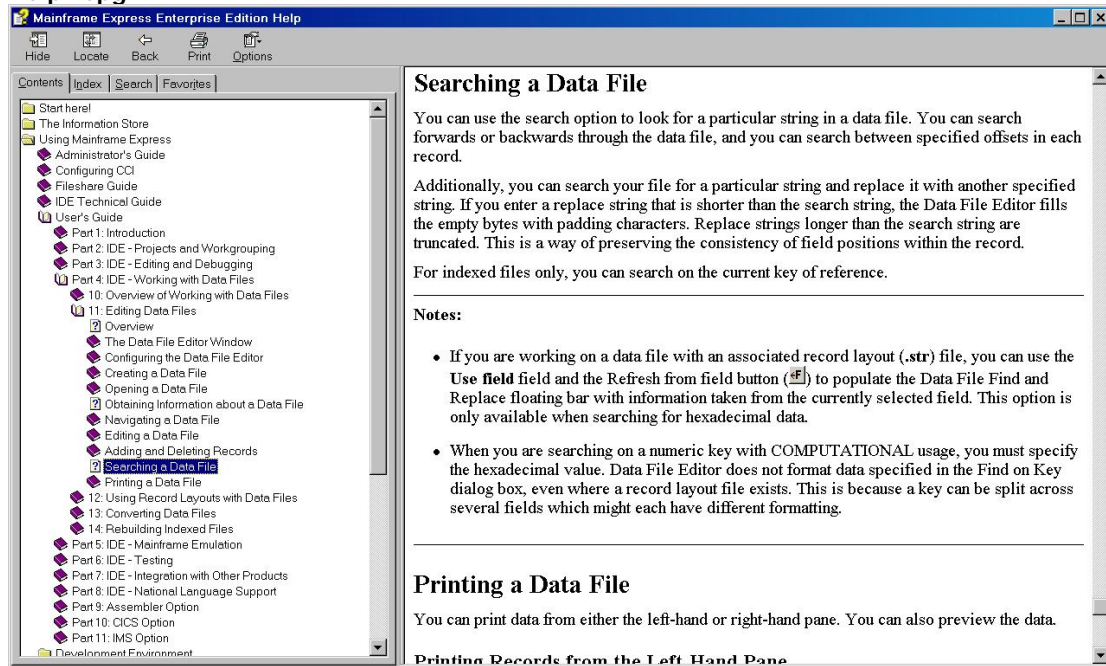
Find5.Jpg

The screenshot shows the Mainframe Express interface with the same project '2200712.MVP'. The main window displays the same data file 'MFIUVE.VSAMALT DATA (VSAM KS)'. The 'Data File Find And Replace' dialog box is open, showing the search criteria: 'Find: 44444', 'Replace: 44444', 'Match case' checked, and 'Hex' checked. The 'Within offsets' are set to Left: 16 and Right: 40. The 'Use field' checkbox is also checked. The table on the right is the same as in the previous screenshot. The status bar at the bottom indicates 'Rec len 40 (Fixed)', 'Field 5 of 5', 'Ln 5, Col 16', and 'OVR'.

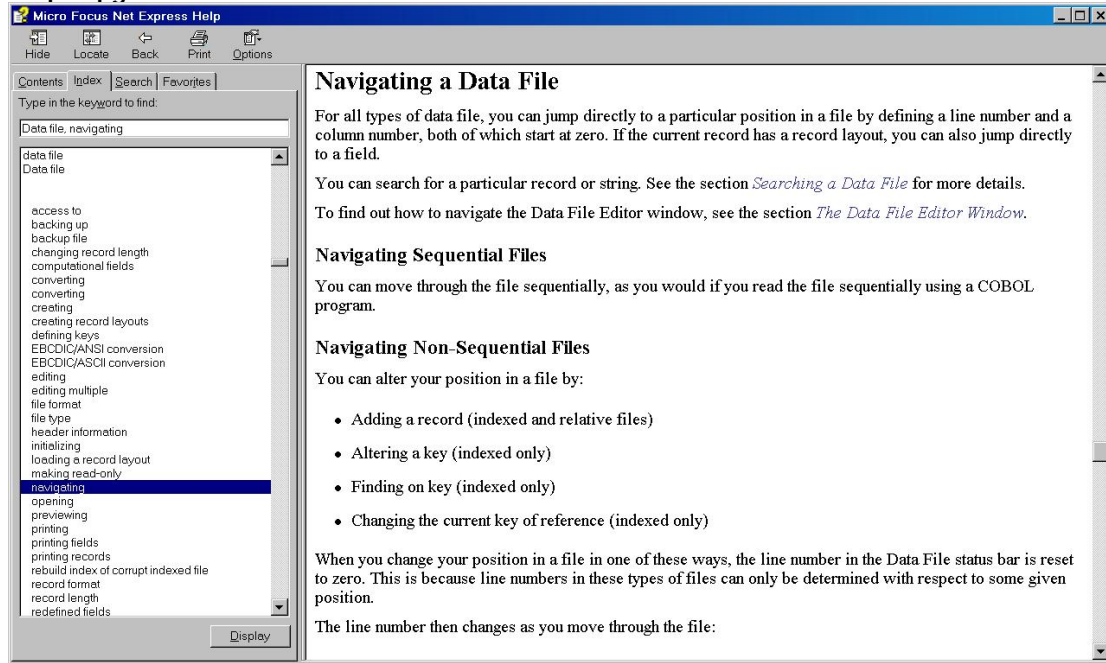
Help1.Jpg



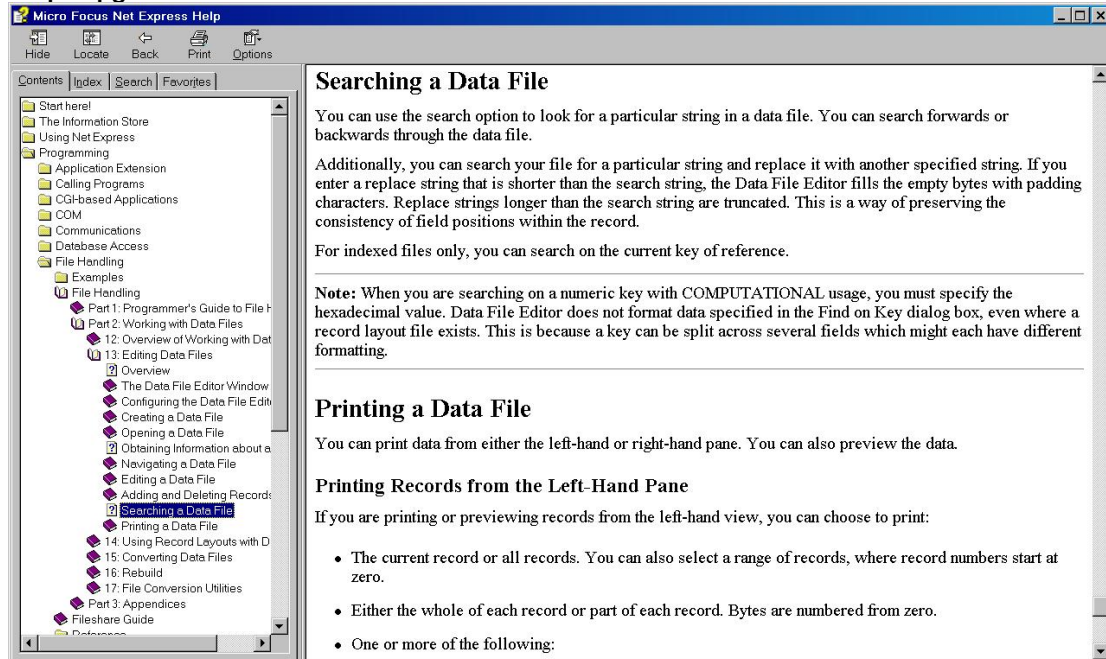
Help2.Jpg



Help3.Jpg



Help4.Jpg



NOTE: this information is based on Knowledge Base article reference: 25771