

# Translating Documents

Many types of documents stored in Con-nect (including those which have been imported from a PC or a Natural library) can be translated into other formats.

Con-nect supports the document formats described below. However, your administrator may have created additional formats which suit specific requirements of your environment.

This chapter covers the following topics:

- Document Formats
- Translating a Document

## Document Formats

The "Display Documents by Name" screen and the "Contents of Folder" screen display all documents stored in your cabinet. Items imported from Natural or files imported from a personal computer (PC) are also stored as documents (see *Import/Export*).

1:08 PM	* * * C O N - N E C T 3 * * *					2.Feb.94
Cabinet LS	Display Documents by Name					Wednesday
Cmd	Document Name	Enc	Typ	Folder	File	Date Filed
---	-----	---	---	---	---	---
__	Alexander		Txt	Private		2.Feb.94
__	Analysis		Txt	Work		31.Jan.94
__	Demo		Txt	Research		31.Jan.94
__	Documentation		FFT	Work		2.Feb.94
__	Draft		Cnf	Work		31.Jan.94
__	Fiber-optics and Sharks	2	Txt	Work		1.Feb.94
__	Hex. Text		RFT	Work		2.Feb.94
__	January-94		Txt	Research	Projects	31.Jan.94
__	Maria's PC file		Bin	Work		2.Feb.94
__	Marketing Plan	3	Cnf	Marketing	Strategy	31.Jan.94
__	New Strategy		Txt	Marketing	Strategy	31.Jan.94
__	Planning Guide		Txt	Work		2.Feb.94
Cmds are 1 or 2 characters from the list below (FLIP for PF-keys)						
Command	/					/
Copy	Display	Enclose	Erase	Export	File	Format
Output	Print	Send	Top	Translat	X	Info
						Modify

The document format is shown in the "Typ" column of these screens.

- Txt - Final Form Documents
- Cnf - Con-form Document

- Int - Con-form Intermediate
- Bin - PC Binary File
- FFT - PC Final Form Text (DCA)
- RFT - PC Revisable Form Text (DCA)
- Src - Natural Source/Native
- Obj - Natural Object
- Vce - PC Voice Document

## **Txt - Final Form Documents**

There are four different types of Txt documents:

- **Con-nect Final Form Text**  
A document created in Con-nect, which does not contain Con-form instructions.
- **Natural Source/Document**  
A Natural source program can be handled like any other Con-nect document. You cannot, however, export it back to a Natural library.
- **PC Text File**  
A PC text file can be handled like any other Con-nect document.
- **Hexadecimal Dump**  
A hexadecimal dump can be displayed.

Any of the commands shown in the command prompting lines can be issued with a Txt document.

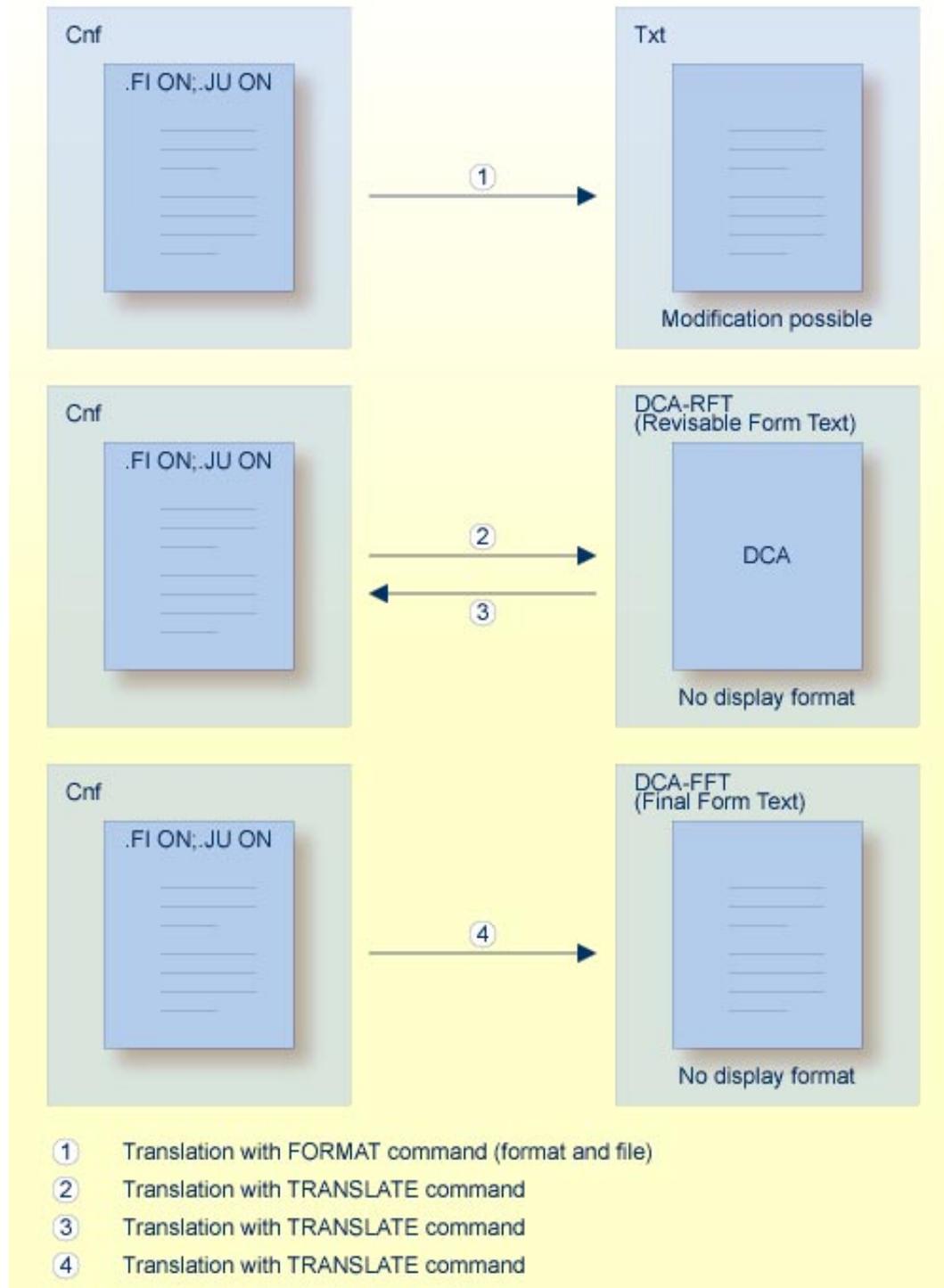
## **Cnf - Con-form Document**

A Cnf document contains Con-form instructions. Any of the commands shown in the command prompting lines can be issued with a Cnf document.

### **Note:**

When a Cnf document is translated into RFT format, the relevant components of the formatting profile specified in the print defaults are also invoked.

The following diagram gives you an overview of the Cnf document translation process:



## Int - Con-form Intermediate

An Int document is a formatted Cnf document; it cannot be modified.

Any of the commands shown in the command prompting lines (with the exceptions of `MODIFY` and `TRANSLATE`) can be issued with an Int document.

## **Bin - PC Binary File**

A Bin document cannot be displayed or modified. You can only FILE it, SEND it to other Con-nect users, EXPORT it to a PC, or TRANSLATE it.

## **FFT - PC Final Form Text (DCA)**

An FFT document cannot be displayed or modified. You can only FILE it, SEND it to other Con-nect users, EXPORT it to a PC, or TRANSLATE it.

## **RFT - PC Revisable Form Text (DCA)**

An RFT document cannot be displayed or modified until it has been translated into a modifiable format. You can only FILE it, SEND it to other Con-nect users, EXPORT it to a PC, or TRANSLATE it.

### **Note:**

When an RFT document is translated into Cnf format, the Con-form instruction .OP GUT=0 is automatically generated, and the values specified for the left margin in the .LM instructions are adjusted accordingly; this improves the quality of conversion for documents with a left gutter of less than one inch. This has no effect when you PRINT the formatted document. The adjustments made to the left margin are visible on the screen when you DISPLAY the formatted the document.

When you translate a DCA document into Cnf format, Con-nect may split the Cnf document (depending on the size of the document) into up to 20 documents. These documents are numbered sequentially; the names start with the name of the Cnf document, followed by the internal number (e.g. "Name1", "Name2", ... "Name20"). Since Con-nect checks whether the name you entered is unique, a message may appear, telling you that a document with that name already exists.

## **Src - Natural Source/Native**

A Src document cannot be translated. You can SEND it to other Con-nect users or EXPORT it to a Natural library.

## **Obj - Natural Object**

You can SEND an Obj document to other Con-nect users or EXPORT it to a Natural library.

## **Vce - PC Voice Document**

A Vce document cannot be displayed or modified. You can only FILE it, SEND it to other Con-nect users, EXPORT it to a PC, or TRANSLATE it.

## Translating a Document

Documents can be translated into the following formats:

Document Format	Can be translated into the following formats:						
	Txt	Txt (hex)	Cnf	Int	Bin	FFT	RFT
Txt						x	
Cnf	x			x		x	x
Int	cannot be translated						
Bin		x					
FFT	x	x					
RFT		x	x				
Src	cannot be translated						
Obj		x					
Vce		x					

Issue the following command in the command line of the "Display *Document-name*" screen or "Modify *Document-name*" screen to translate the document:

<b>TRANSLATE</b>
------------------

or enter TR adjacent to the name of the document you want to translate in the Cmd-column of a screen which displays a list of documents.

As a result, the "Translate *Document-name*" screen appears.

```

1:08 PM          * * * C O N - N E C T 3 * * *          2.Feb.94
Cabinet LS      Translate Hex. Text                    Wednesday
Folder Work    File                                  Type RFT
-----
Mark to  _ Edit Translated Document  _ Query Symbol Set
         _ Print Translated Document  _ Query Con-form Control Characters
         _ Save  Translated Document

Document Name  _____
              Folder Work_____ File _____

Translated Format  X Cnf   Con-form Document
                  _ Txt   Hexadecimal Dump

Complete the information above and press ENTER to translate
Command /
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Menu Quit In   Send Foldr Docs Note Cal Flip Last Home

```

The screen header information indicates the document name, folder, file and the document type (format) - in this example, RFT.

Specify the following information in the "Translate *Document-name*" screen:

### **Edit**

When you mark this field, the translated document is placed in the "Modify *Document-name*" screen where it can be modified.

### **Print**

When you mark this field, the translated document is sent to the printer without being displayed first (the translated document is not saved).

### **Save**

When you mark this field, the translated version is saved under a new name, while the original version remains unaltered.

### **Query Symbol Set**

When you mark this field, the default language symbol set is displayed, and you can select one of the other supported sets by marking it with the cursor and pressing ENTER.

### **Note:**

Only applies to Cnf documents which are to be translated to RFT format.

The symbol set is a set of language-specific signs and characters in hexadecimal code, used to ensure that the correct Con-form instructions for each special character are generated during the translation. The administrator has specified a default symbol set.

After translation is completed, the symbol set is reset to the default specification.

### Query Con-form Control Characters

When you mark this field, the default Con-form control characters are displayed in a window. The control characters are used to identify Con-form instructions. The administrator has defined the default set of control characters.

**Note:**

Only applies to RFT documents.

You can modify the defaults by typing over the existing entries and pressing ENTER.

After the translation is completed, the character set is reset to the default specifications (see the *Con-form User's Guide* for further information).

The following control characters are displayed in the window:

- **Page-number character**  
Represents a reserved variable containing the current page number.
- **Instruction character**  
Each Con-form instruction begins with a period (.). You cannot specify another instruction character.
- **Escape character**  
Precedes escape sequences within the running text.
- **End-of-line character**  
Denotes the end of a text line, causing a break in line filling.
- **Variable character**  
Precedes a variable. Variables are assigned using the ".SV *name=value*" instruction.
- **Instruction separator character**  
Separates multiple Con-form instructions in the same line.
- **Tab character**  
Character used which denotes that the following text is to be moved to the defined tab position.
- **Decimal character**  
Character used when the sum of a calculation is not rounded to the nearest integer.
- **Hard space character**  
Character to be used as a hard space between two words. This means that these words cannot be separated by a line break.

### Document Name

Optional - if you choose to edit or save the translated version, you must give the new document a unique name that must not exceed 32 characters.

**Folder**

The name of the folder in which the document is stored is automatically entered by Con-nect. If you want the document to be stored in another folder, you must type that name in this line

**File**

Optional - you can also store the document in a file within the folder.

**Translated Format**

Mark the format into which the specific document is to be translated (see *Document Formats*).

Press ENTER to translate the document (and perform any other actions which you have specified).