

# Applications

Con-nect offers an interface (the application) which enables you to run (PERFORM) an existing Natural program from within your Con-nect session. The Natural program itself is not added to Con-nect, it is merely made known to Con-nect via an application definition.

Through use of Con-nect applications, you have direct access to the data processing capabilities of your system. You can maintain data directly from Con-nect, as well as use it in your daily office work.

This chapter covers the following topics:

- Adding an Application
  - Adding an Application to Access the Con-nect Print Utilities
  - Working with Applications
  - Managing Your Applications
  - Commands for Applications
  - Example
- 

## Adding an Application

Issue the following command sequence from any point in Con-nect:

```
ADD Application
```

As a result, the "Add Application" screen appears.

```

11:49 AM          * * * C O N - N E C T 3 * * *          4.Feb.94
Cabinet LS              Add Application                      Friday

      Folder Work_____ File _____

Application Name _____

Description _____
_____
_____

Private use _ or Security Read 7 Modify 7

Complete the information above and press ENTER to add
Command /
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Menu Quit Mod Send                      Flip Home

```

In addition to the information which you enter in every "Add" screen (see *The "Add" Screens*), you must specify the following application definition criteria in the "Add Application" screen.

### Application Name

A unique name which identifies the application within Con-nect. This name must not exceed 32 characters.

Press ENTER to display the "Add Application" window.

```

11:49 AM          * * * C O N - N E C T 3 * * *          4.Feb.94
Cabinet LS              Add Application                      Friday

      Folder Work_____ F +-----+
!                               Add Application           !
Application Name SN_____ +-----+
!                               !
! Library: _____ !
Description Super Natural____ !
!                               !
! Program: _____ !
!                               !
! Parameters: !
! 1) _____ !
! 2) _____ !
Private use _ or Security Re ! 3) _____ !
! 4) _____ !
! 5) _____ !
! 6) _____ !
+-----+

Complete the information above and press ENTER to add
Command /
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Menu Quit Mod Send                      Flip Home

```

Specify the following information in the "Add Application" window:

### Library Name

The name of the Natural library in which the program is cataloged.

### Program Name

The Natural program which is to be executed whenever an application is performed.

The Natural program must have been defined previously (by the Con-nect administrator, yourself or another user).

### Parameters

Optional - parameters which are passed to the application when it is performed. You may specify a maximum of six parameters.

The parameters will be placed in the Natural stack and will be read by the first INPUT statement of the application. In addition to other parameters, you can specify the following:

/C/	for current cabinet ID (A8).
/N/	for current name (A20).
/I/	for ISN of the current object (N10).
/P/	for password of current cabinet (A16); for usage of Administration and Utilities only.
/H/	for the name of your home node in the transport service (A8).

In all cases, the slash (/) is the pseudo blank character.

Press ENTER to close the window and to add the application.

The blank "Add Application" screen re-appears and you can add another application.

## Adding an Application to Access the Con-nect Print Utilities

If Natural Security allows you to use the Natural library SYSCNT2B, you can perform the print utilities directly from your Con-nect session. See *Con-nect Utilities*, section *Utilities - Format/Print* for detailed information.

To access the print utilities from Con-nect, you must first ADD an application.

Specify the following information in the "Add Application" window:

### Library Name

Specify "SYSCNT2B" as the name of the Natural library in which the program is cataloged.

### Program Name

Specify "Menu" as the name of the Natural program which is to be executed.

Press ENTER to close the window and to add the application.

To work with one of the above utilities, you must PERFORM the application:

**PERFORM** Application *name*

As a result, the "Utilities - Main Menu" appears. Select "Format/Print Utilities" to access the "Utilities - Format/Print" screen. Mark the required utility with any character and press ENTER.

### Note:

The System Maintenance functions can only be performed by an administrator.

## Working with Applications

You can perform many of your daily office tasks using the applications which are available to you within your environment.

The following topics are covered below:

- Performing an Application
- Returning from an Application which is not in the Con-nect Library
- Integrating Applications into the Con-nect Office

### Performing an Application

To start an application, issue the PERFORM command in conjunction with the application:

```
PERFORM Application name
```

Generally, when you leave an application which you have performed from Con-nect, you are returned to your Con-nect session.

### Returning from an Application which is not in the Con-nect Library

There are two methods of returning from an application which is not in the Con-nect library (SYSCNT2) to a Con-nect session.

Include the following Natural statements in the application to cause an automatic return when the application is exited:

```
STACK TOP COMMAND 'RETURN'  
STOP
```

Or exit the application (refer to the documentation for the application or to the application administrator) and then issue the following Natural command:

```
RETURN
```

### Integrating Applications into the Con-nect Office

The following suggestions may be useful in integrating applications into your Con-nect office.

PERFORM is the default command for an application. If you assigned a unique name to the application (i.e. if there is no other object with that name in your cabinet), you can simply enter the name of the application in the command line and press ENTER to perform it.

You can assign the command sequence "PERFORM *Application name*" to a PF-key (see *PF-Key Assignments*).

You can create a new menu that contains the application, or incorporate it into an existing menu (see *Creating Your Own Menus*). You can then choose to have that menu displayed as your "Menu" each time you access Con-nect (see *Menu and Overlay Calendar*).

## Managing Your Applications

Issue the following command sequence from any point in Con-nect to display a list of all available applications which have been made known to Con-nect:

```
DISPLAY Application
```

As a result, the "Display Applications by Name" screen appears.

```

11:53 AM          * * * C O N - N E C T 3 * * *          4.Feb.94
Cabinet LS          Display Applications by Name          Friday

Cmd Name           Description           Folder
-----
__ SN              Super Natural         Work
__ D-TRACE         (S)

Cmds are 1 or 2 characters from the list below (FLIP for PF-keys)
Command /
Display Erase     File      Modify   Perform  Send     Top

```

The applications are arranged alphabetically. Your own applications are displayed first, followed by those created by the Con-nect administrator.

The columns display the following information:

### Name

The name of the application.

### Description

The description entered when the application was added.

### Folder

The name of the folder in which the application is stored. Applications which have been created by the Con-nect administrator are marked with (S); you can use these applications, but cannot erase, file or modify them.

## Commands for Applications

The command prompting line of the "Display Applications by Name" screen shows all the commands which apply to applications. The commands are described in section *Commands*. The following exceptions apply when working with applications:

- DISPLAY
- MODIFY
- PERFORM
- SEND

### DISPLAY

The DISPLAY command displays the application definition criteria specified when the program was added. (The application itself is stored in a Natural library, and the only way to display it is via the appropriate Natural commands and statements.)

### MODIFY

The MODIFY command allows you to modify the application definition criteria (which identifies the Natural program to Con-nect), but does not allow you to modify the Natural program itself. You can, however, specify that another Natural program be used for the application, or modify the parameters.

### PERFORM

The PERFORM command starts the application as discussed in section *Performing an Application*.

### SEND

When you SEND an application, the "Send" screen appears; you enter addressee(s), attach a cover note (mandatory) to the application and send it with the CONFIRM command, just as with any other mail item.

When the addressee displays the new mail item in the Inbasket, the cover note is shown first. A message at the bottom of the Inbasket screen says that the mail item is an application. To display the application definition criteria, the addressee must issue the QUIT command.

To use the application, the addressee must first FILE it and then issue the PERFORM command as discussed in section *Performing an Application*.

# Example

This example demonstrates how to create a Con-nect document using an application (in this case, the Software AG product Super Natural).

First you must ADD an application as shown below:

```

11:54 AM          * * *  C O N - N E C T  3  * * *          4.Feb.94
Cabinet LS              Add Application                      Friday

      Folder Work_____ File _____

Application Name snat_____

Description _____
_____
_____

Private use _ or Security Read 7  Modify 7

Complete the information above and press ENTER to add
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
    
```

Press ENTER to display the "Add Application" window in which you enter the following information:

```

11:54 AM          * * *  C O N - N E C T  3  * * *          4.Feb.94
Cabinet LS              Add Application                      Friday

      Folder Work_____ F +-----+
!                               Add Application           !
Application Name snat_____ +-----+
!                               !
! Library:  SYSSN____         !
!                               !
! Program:  MENU_____       !
!                               !
! Parameters:                 !
! 1) _____             !
! 2) _____             !
Private use _ or Security Re ! 3) _____             !
! 4) _____             !
! 5) _____             !
! 6) _____             !
+-----+

Complete the information above and press ENTER to add
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
    
```

Press ENTER to close the window and to add the application.

PERFORM the application and create a Super Natural transaction using Report Destination Con-nect. See the Super Natural documentation for further information.

In this example, the transaction selects the staff members in department COMP02 who have more than 22 days of vacation remaining.

RUN the Super Natural transaction.

As a result, a document is sent to the Con-nect system folder Connect.

**Note:**

If the transaction is of Report Type Con-nect and Report Destination Con-nect, a Con-nect document is created for *each* record found and is stored in the Con-nect system folder Compose.

Exit Super Natural and return to Con-nect. See your Super Natural administrator for further information.

The name of the document created by the Super Natural transaction is enclosed in parenthesis. The document is identified by a prefix supplied by Super Natural, transaction ID and date and time of transaction execution.

11:55 AM	* * * C O N - N E C T 3 * * *					4.Feb.94		
Cabinet LS	Display Documents by Name					Friday		
Cmd	Document Name	Enc	Typ	Folder	File	Date Filed		
---	-----	---	---	---	---	---		
___	Planning Guide		Txt	Work		2.Feb.94		
___	Report		Txt	Work		1.Feb.94		
___	sample-doc		Txt	Work		4.Feb.94		
___	Structure		Txt	Work		2.Feb.94		
___	Test Results		Txt	Work		2.Feb.94		
___	Tool		Txt	Work		2.Feb.94		
___	Vacation		Txt	Work		31.Jan.94		
___	Work Results		Cnf	Work		1.Feb.94		
___	Zoo		Txt	Work		3.Feb.94		
DI	(ICONN 1994/02/04 10:33)		Txt	Connect		4.Feb.94		
___	CON-FORM1		Txt	(S)		20.Oct.93		
___	CON-FORM2		Txt	(S)		25.Oct.93		
Cmds are 1 or 2 characters from the list below (FLIP for PF-keys)								
Command	/					/		
Copy	Display	Enclose	Erase	Export	File	Format	Info	Modify
Output	Print	Send	Top	Translat	X			

The following example is a document created by a Super Natural transaction.

```

11:56 AM          * * * C O N - N E C T 3 * * *          4.Feb.94
Cabinet LS       Display (ICONN 1994/02/04 10:33)        Friday
Folder Connect  File                                     Page 1      Line 1
-----
101      DEPT ='COMP02'                                  1
        AND LEAVE-DUE > 22                               4.Feb.94
        FIRST-NAME          NAME          DEPARTMENT LEAVE
                               CODE        DUE    PLANNED LEAVE
-----
LARS          BOLAN          COMP02      33    94/04/13 94/04/24
HARRY        ROSE           COMP02      33    94/06/01 94/06/05
ULRICH       CHRIS          COMP02      32    94/03/16 94/03/20
SYBIL        HANSEN        COMP02      31    94/04/27 94/05/01
THOMAS       PINKERTON     COMP02      30    94/02/17 94/02/28
KARIN        FORD          COMP02      30    94/02/26 94/02/28
JAMES        LAMPERT       COMP02      29    94/03/18 94/03/20
ROGER        BACH          COMP02      29    94/05/26 94/06/03
WILLIAM      OSBOURNE     COMP02      28    94/03/26 94/03/27

Press ENTER for next page, or type a command (FLIP for PF-keys)
Command /
Column Copy Erase Export File Flip Format Info Modify
Output Page Position Print Quit Send Top Translat

```