

# Remote Directory Maintenance

The **Remote Directory Maintenance** function is used to maintain a remote directory in order to connect the client's calling program to a subprogram on a server.

For further information on how to apply the **Remote Directory Maintenance** function, refer to *Specifying RPC Server Addresses (Operating a Natural RPC Environment)*, *Using a Remote Directory Server (RDS)* and *Natural RPC Terminology* described in the *Natural Remote Procedure Call (RPC)* documentation.

This section covers the following topics:

- Using Remote Directory Maintenance
  - Fields on the Editor Screen of a Remote Directory
  - Commands for Remote Directory Maintenance
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## Using Remote Directory Maintenance



### Warning:

If you create a new remote directory by entering code **C** (see the instructions below), the entries of an existing directory will be overwritten.



### To use the Remote Directory Maintenance function

1. In the **Code** field of the **Client Maintenance** menu, enter the following command:

RD

2. Choose ENTER.

A window appears.

3. In the input field, enter either of the following commands:

C

to create a directory or

M

to modify a directory.

4. Choose ENTER.

An additional window appears.

5. Enter an expiration time in seconds (see also *Expiration Time* below) and choose ENTER.

An editor screen similar to the example below appears:

```

-----S 01-----Columns 001 072
====>          SCROLL====>  CSR
***** NODE          L T    SERVER    L T    LIBRARY  L T    PROGRAM  L T
***** ***** top of data *****
000001 ETB01      Y B    NRPC2301      SYSTEM      SUB1
000002                                SUB2
000003                                NRCP2301      SYSTEM      SUB3
000004                                NRPC2302      SYSTEM      SUB4
000005                                SUB5
000006                                SUB6
000007 ETB01      Y      NRPC2301      Y      SYSTEM      SUB7
000008                                SUB1          Y
000009                                SUB2
000010                                NRCP2301      SYSTEM      SUB3
000011                                NRPC2302      SYSTEM      SUB4
000012                                SUB5
000013 ETB01      Y      NRPC2301      SYSTEM      SUB6
000014                                SUB1          Y
000015                                SUB2

000016 ETB01      Y      NRPC2301      SYSTEM      SUB3
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help          Quit  Save  Find  Chng  Up    Down          Canc

```

## Expiration Time

The remote directory data is loaded at runtime. The expiration time in seconds determines the period of validity of this data. If directory data is requested after the expiration time set, it will automatically be reloaded. If expiration time is set to 0, the remote directory data will not be reloaded.

### Note:

If you create a new directory (code C), you invoke an input line by entering the line command I at the beginning of the line `top of data`. See also *Line Commands* below.

## Fields on the Editor Screen of a Remote Directory

The fields contained in the editor screen of **Remote Directory Service** maintenance are identical to the fields described in *Fields on the Service Directory Screen* in the section *Service Directory Maintenance*. The field **L** is the equivalent to the field **Logon**.

In addition to the fields provided on the **Service Directory Maintenance** screen, the field **T** (Transport) appears: enter a B for EntireX Broker.

## Commands for Remote Directory Maintenance

This section contains information on the commands provided on the editor screen of **Remote Directory Service** maintenance.

- Line Commands
- Direct Commands and PF Keys

### Line Commands

The line commands available on the editor screen can be used to copy, move or delete single or multiple lines that contain field values.

Enter a line command at the beginning of a line, that is, overwrite the sequential number and choose ENTER.

See also *To copy or move a block of lines* and the direct command RESET.

Line Command	Function
A	Copies or moves the line(s) marked with C, CC, M or MM below the line in which the command was entered.
B	Copies or moves the line(s) marked with C, CC, M or MM above the line in which the command was entered.
C	Marks the single line to be copied.
CC	Marks the block of lines to be copied.
D( <i>n</i> )	Deletes one or <i>n</i> lines beginning with the line in which the command was entered. <i>n</i> can be in the range from 1 to 9.
DD	Marks and deletes a block of lines.  Mark the block of lines by entering the command in the first and last line of the block, and choose ENTER to execute the command.
I( <i>n</i> )	Inserts one or <i>n</i> empty lines below the line in which the command was entered. <i>n</i> can be in the range from 1 to 9.
M	Moves a single line below the line in which the command was entered.
MM	Marks the block of lines to be moved.

#### To copy or move a block of lines

1. At the beginning of the line where the block starts, enter either of the following line commands:

CC
----

to copy the block or

MM

to move the block.

2. At the beginning of the line where the block ends, enter either of the following line commands:

CC

to copy the block or

MM

to move the block.

3. Choose ENTER.

The block of lines is marked which is indicated by the message: `Block is pending.`

4. At the beginning of the line below or above which you want to place the block, enter either of the following line commands:

A

to copy or move the block *below* the specified line or

B

to copy or move the block *above* the specified line.

5. Choose ENTER.

The block of lines is copied or moved below or above the specified line.

## Direct Commands and PF Keys

The following direct commands and PF keys are provided on the editor screen:

Direct Command	PF Key	Function
RESET		Removes the line marks set with a line command (see <i>Line Commands</i> ) or with the direct command CHANGE (see below).
TOP		Scrolls to the beginning of the list.
BOT		Scrolls to the end of the list.
FIND <i>string</i>		Scans the editor for a <i>string</i> of characters, for example: FIND ETB1.  Choose PF5 (Find) to scan for the next occurrence.
CHANGE <i>string1 string2</i>		Replaces character <i>string1</i> by <i>string2</i> , for example: CHANGE ETB1 ETB2.  Choose PF6 (Chng) to replace the next occurrence.
	PF1	Help. Invokes the online help.
	PF3	Quit. Saves any modifications and exits the editor screen.
	PF4	Saves any modifications.
	PF5	Find. Scans for the next occurrence of the character string specified with the direct command FIND (see above).
	PF6	Change. Replaces the next occurrence of the character string specified with the direct command CHANGE (see above).
	PF7	Up. Scrolls one page backward.
	PF8	Down. Scrolls one page forward.
	PF12	Cancel. Exits the editor screen without saving modifications.