software AG

Con-nect

Con-nect Utilities

Version 3.4.3

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This document applies to Con-nect Version 3.4.3.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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Table of Contents

Con-nect Utilities

The Con-nect utilities offer the option of performing functions, which typically require significant computer resources, in batch mode or online.

This documentation is subdivided into the following parts:

General Information	General information on how to access the utilities and how to use them in online and batch mode.
Utilities - System Maintenance	Detailed descriptions of all utilities that can be invoked from the "Utilities - System Maintenance" screen.
Utilities - Format/Print	Detailed descriptions of all utilities that can be invoked from the "Utilities - Format/Print" screen.
Utilities - Fix Corrupted Records	Detailed descriptions of all utilities that can be invoked from the "Utilities - Fix Corrupted Records" screen.

I General Information

1   General Information

About the Utilities

The Con-nect utilities offer the option of performing functions, which typically require significant computer resources, offline (i.e. in batch mode). Most functions can also be performed online by executing the module MENU in the Natural library SYSCNT2B.

In online mode the utilities are menu-driven, and each screen shows the parameters which apply to a particular function. The parameters are positional parameters, which means that in batch mode they must be coded in the sequence in which they appear on the screens used for online mode.

The output resulting from a function is in the form of a report which contains 60 lines per page. The line width of a report depends on the left margin which has been defined in the user profile or with the OUTPUT command. The minimum line width is 80 columns (if the left margin equals 0). The maximum line width is 199 columns (if the left margin equals 99).

All information is printed starting at the defined left margin. When a line of text is longer than the defined line width, it is truncated by default. In the user profile or with the OUTPUT command, you can define that such a line is to be wrapped.

Accessing the Con-nect Utilities

The following diagram shows the path you must take to invoke the Con-nect utilities and the various functions.
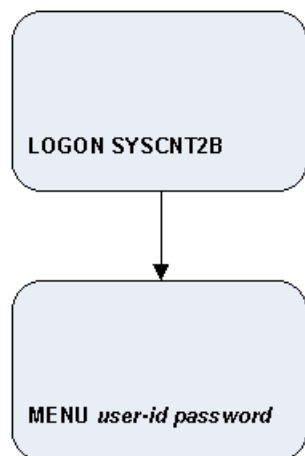
First logon to system library SYSCNT2B and press ENTER.

At the Next prompt enter MENU, your user ID and password and press ENTER.

```
 3:43 PM                * * *  C O N - N E C T  3  * * *              14.Feb.94
 Cabinet LS                  Utilities - Main Menu                       B37000


 Select a Function:

                           _  System Maintenance

                           _  Format/Print Utilities

                           _  Exit Utilities









 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
                   Quit  Sys   ForPr
 Select a function
```

The "Utilities - Main Menu" screen is displayed from where you can access all utility functions which include:

- System Maintenance functions, that can be performed only by administrators; and
- Format/Print functions, that can be performed by all users.

Special Information

The Natural profile parameter MADIO should be set to at least 1000, and parameter MAXCL should be set to 0, otherwise some functions may result in Natural error 1009 or 1029.

The output from utilities which are executed in online mode is directed to the printer currently assigned to the user invoking the utility programs.

The output from utilities which are executed in batch mode is directed to Natural report 5. When executing utilities in batch mode, enter the following card in the JCL:

```
//CMPRT05 DD SYSOUT=X (or dataset name)
```

Asterisk (*) Selection

You can use the asterisk (*) selection to specify a range of items as follows:

- select all items (enter only the asterisk (*) as the parameter);

- select all items starting with one or more particular letters (enter, for example, A* or AAB* as the parameter);

- select all items "from/to" starting with one or more particular letters (enter, for example, A* as the first parameter, and D* as the second parameter).

The screen for each function to which this feature applies contains the notation:

```
('*' for all ..............)
```

General Operating Procedure

The user profile of the user who logs on to SYSCNT2B (either in online or batch mode) is passed to Con-nect. The user profile contains such information as language code, date format, printer destination, etc.

Online Mode

When executing these functions online, enter the necessary information on the input screens.

Batch Mode

When executing in batch mode, code the commands as follows:

```
LOGON SYSCNT2B
MENU
BXXXXX parameter,parameter,parameter,...
FIN
```

When executing in batch mode with Natural Security installed, code the commands as follows:

```
SYSCNT2B,userid,password
MENU
BXXXXX parameter,parameter,parameter,...
FIN
```

Notes:

1. The command LOGON SYSCNT2B initializes the batch environment.

2. The command MENU loads the user profile information, and checks whether the user is an administrator and thus authorized to perform the functions.

3. Input mode can be either D or F (i.e. IM=D or IM=F).

The following sections of the utilities documentation discuss each function individually, including the input screens which appear when online mode is used, and parameters and examples for batch mode. The examples are written with input mode D and with a comma (,) as the delimiter character (i.e. ID=,).

II Utilities - System Maintenance

The "Utilities - System Maintenance" screen is shown below. Mark the required function with any character and press ENTER.

```
11:12 AM              * * *  C O N - N E C T  3  * * *              15.Nov.98
Cabinet  LS              Utilities - System Maintenance                B37001

   Function                  Program B       Function                  Program B
------------------------------------    ------------------------------------
__ Mass Add Cabinets          B01050 X    __ Mass Add/Delete Members   B06170 X
__ Add System Folder TRS-XXL B01130       __ Modify Profiles            B06250
__ Copy Folder Contents       B02130      __ Modify Language Code       B06251
__ Copy Profiles              B02250      __ Backup                     B08000
__ Delete Objects             B04000      __ Restore                    B09000
__ Delete Bulletin Contents   B04040      __ Invert Long Documents      B10000
__ Delete Pending Cabinets    B04050      __ Invert Folder Contents     B10050
__ Delete Calendar Items      B04060      __ Remote Access - Upload     B74050
__ Delete Folder Contents     B04130      __ Remote Access - Verify I   B74051
__ Delete Folder TRS-XXL      B04131      __ Remote Access - Verify II B74052
__ Delete Expired Documents   B04110      __ Directory - Upload         B20001 X
__ Move Pending Cabinets      B05050      __ Directory - Download       B20002 X
__ Move Folder Contents       B05130      __ Directory - Import         B20003
__ Rename Cabinets            B87050 X


                    B - Available in Batch Mode only
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit  Maint
Select a function
```

To access the "**Utilities - Fix Corrupted Records**" screen, press PF4.

The System Maintenance utilities are described in the following sections:

Mass Add Cabinets - Batch Mode Only

Add System Folder TRS-XXL

Copy Folder Contents

Copy Profiles

Delete Objects

Delete Bulletin Board Contents

Delete Pending Cabinets

Delete Calendar Items

Delete Folder Contents

Delete System Folder TRS-XXL

Delete Expired Documents

Move Pending Cabinets

Move Folder Contents

Rename Cabinets - Batch Mode Only

Mass Add/Delete Members to/from a Shared Cabinet - Batch Mode Only

Modify Profiles

Modify Language Code

Backup

Restore

Invert Long Documents

Invert Contents of TRS Folders in Cabinet(s)

Remote Access - Upload

Remote Access - Verify I Con-nect System File

Remote Access - Verify II Central Directory

Directory Synchronization - Upload - Batch Mode Only

Directory Synchronization - Download - Batch Mode Only

Directory Synchronization - Import

2   Mass Add Cabinets - Batch Mode Only

Description

Program

B01050

Function

Add cabinets by copying the profiles of the new cabinets from a specified cabinet.

> **Note:** Administrator status is not copied to the new cabinets.

Utility Parameters

The program requires the Source-cabinet-name from which it copies the system cabinet defaults and cabinet and user profiles, and the owners. If the source cabinet does not exist, the program terminates.

The Source-cabinet-name need be coded only once. The other parameters can be coded as often as desired (i.e. equal to the number of new cabinets to be added).

If a period (.) or empty line is coded, the procedure stops.

Private Cabinet:

Parameter	Format	Description
Source Cabinet Name	A8	
New Cabinet Name	A8	
Last Name	A32	
First Name	A32	
Initial	A1	Optional
Password	A8	Optional

Standalone, Shared or Public Cabinet:

Parameter	Format	Description
Source Cabinet Name	A8	
New Cabinet Name	A8	
Description	A32	
Password	A8	Optional

Procedure

The type of cabinet which is added will be the same type as the source cabinet specified.

Source Cabinet = Private Cabinet

If the source cabinet is a private cabinet, you *must* specify a New-cabinet-name, Last-name and First-name. Initial and Password are optional.

Source Cabinet = Standalone Cabinet, Shared Cabinet, Public Cabinet

If the source cabinet is a standalone, shared or public cabinet, you *must* specify a New-cabinet-name and a Description. A password is optional (as a third parameter).

> **Note:** If you do not specify a password for a cabinet, the New-cabinet-name is used as the password.

Batch Example

Three new cabinets are to be added, using a *private cabinet* as the Source-cabinet. The first cabinet (newcabname1) is to have a user-defined password, whereas the others use the respective cabinet-name as default passwords. The new cabinets will all have the same profile as the source cabinet. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B01050
sourcecabname
newcabname1,lastname1,firstname1,initial,password
newcabname2,lastname2,firstname2
newcabname3,lastname3,firstname3
.
FIN
```

Two new cabinets are to be added, using a *shared cabinet* as the Source-cabinet. The second cabinet uses the Cabinet-name as the default password. The new cabinets will all have the same profile as the source cabinet. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B01050
sourcecabname
sharedcabname1,description,password
sharedcabname2,description
.
FIN
```

3   Add System Folder TRS-XXL

Description

Program

B01130

Function

Add system folder TRS-XXL to a cabinet, a range of cabinets or all cabinets.

Online Input Screen

```
  3:47 PM              * * *  C O N - N E C T  3  * * *              14.Feb.94
 Cabinet LS                  Add System Folder TRS-XXL                      B01130


    Add System Folder TRS-XXL to one or more cabinets


    From Cabinet _____        to Cabinet _____

    ('*' for all cabinets)


    Note:
         This Folder is only necessary if TRS is installed and inversion
         of long documents is desired

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional

Procedure

Cabinet SYSCNT is *not* updated if you enter a *range* of cabinets (including S), or all cabinets. It is updated only if you explicitly enter the cabinet name SYSCNT.

Adding system folder TRS-XXL to cabinet SYSCNT causes all subsequent new cabinets created from SYSCNT to include this system folder.

When system folder TRS-XXL is added to a cabinet, it uses the same language code which is defined in that cabinet's profile.

Batch Example

Add system folder TRS-XXL to cabinet LS. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B01130 LS,LS
FIN
```

4   **Copy Folder Contents**

Description

Program

B02130

Function

Copy the contents of the folder(s) of a cabinet to another (already existing) cabinet.

Online Input Screen

```
 12:47 PM              * * *  C O N - N E C T  3  * * *              14.Feb.94
 Cabinet LS                   Copy Folder Contents                        B02130




    Source Cabinet              _____

    Target Cabinet              _____

    Beginning with Folder       _____   ('*' for all folders)

    Ending with Folder          _____

    Mark to replace duplicate items   _




 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit
 Complete the information above and press ENTER to continue              ↵
```

Utility Parameters

Parameter	Format	Description
Source Cabinet	A8	
Target Cabinet	A8	
Start Folder	A15	
End Folder	A15	Optional
Replace Duplicates	A1	Default: no

Procedure

The full names of the Source-cabinet and Target-cabinet must be specified. A Folder-name or a start value for a folder must also be specified. The End-folder is optional, and if not specified, the Start-folder is used as the default (i.e. only that folder is copied).

The program accesses every folder and file record in the Source-cabinet. If a corresponding folder/file does not exist in the Target-cabinet, it is created. Next the items in the folders are copied. If an item with the same name exists in the Target-cabinet, it is not replaced unless you specify the Replace-duplicates parameter.

The following items are not copied: invitations, notes attached to documents, and address lists.

Folder/File in the Target Cabinet

Objects contained in a system folder (except folder Work) are moved to the appropriate system folder in the target cabinet.

The contents of folder TRS-XXL are moved to folder Work in the target cabinet. To ensure that folder TRS-XXL is empty when running this utility, you should first run utility B10000 *Invert Long Documents*.

All other objects are moved to the same folder/file (identical names) in the target cabinet. If a folder/file with that name does not exist in the target cabinet, it is automatically added.

Folders in Folders

Folder in folder relationships are usually retained. First the definitions of the folder and second-level folder (a folder within a folder) are copied and then the contents of the folders.

Folder in folder relationships are *not* retained when the target cabinet already contains a folder with the same name as that in the source cabinet. In this case, a message is returned after this utility is run. Then the contents of the folder in the source cabinet are copied to the folder in the target cabinet, even though this folder may *not* be filed in the same first-level folder.

For example, the source cabinet contains folder A1. Folders A2, A3 and A4 are filed in folder A1. The target cabinet contains folder K1, in which folders K2, K3 and A3 are filed. When this utility is run, folder A1 as well as folder A2 and A4 are copied to the target cabinet, retaining the folder in folder relationship. Since folder A3 already exists in the target cabinet, only the contents of folder A3 in the source cabinet are copied to folder A3 in the target cabinet.

Distribution Lists

A member of a distribution list which is itself a distribution list is not copied. Nicknames for external addresses are not copied.

Private Flag and Security Levels

Objects marked as private are *not* copied. Therefore if a folder is marked as private, the folder and *all of its contents* are not copied. However, if a folder is not marked as private and is filed in a private folder, this folder and its contents are copied to the target cabinet.

The security levels of all copied objects are reset.

TRS Documents

Documents and reference documents filed in TRS folders are inverted.

SYSCNT

Folders cannot be copied from SYSCNT.

Batch Example

The contents of folder Inbasket are copied from the Cab1 to the folder Inbasket of Cab2. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B02130 cab1,cab2,inbasket
FIN
```

5   Copy Profiles

Description

Program

B02250

Function

Copy the profile of a specific cabinet to a group of cabinets.

Online Input Screen

```
 12:47 PM              * * *  C O N - N E C T  3  * * *              14.Feb.94
 Cabinet LS                       Copy Profiles                        B02250



        Replace the selected Cabinet Profiles with Profile from
           Cabinet _____

        Select all Cabinets starting from
           Cabinet _____ ending at Cabinet _____
        or all Cabinets contained in (SYSCNT) Distribution
           List      _____

        Mark for    _ Command/Object Table
                    _ Cabinet Profile
                    _ Security Levels
                    _ User Profile
                    _ Owners
                    _ Pfkeys



 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit                                                        ↵
```

Utility Parameters

Parameter	Format	Description
Cabinet	A8	
Start Cabinet	A8	Either start cabinet or distribution list is required
End Cabinet	A8	Optional
Distribution List	A32	Either distribution list or start cabinet is required
Object/Command Table	A1	Optional
Cabinet Profile	A1	Optional
Security Levels	A1	Optional
User Profile	A1	Optional
Owners	A1	Optional
PFkeys	A1	Optional

Procedure

The Distribution-list must be defined in cabinet SYSCNT. All cabinets which are members of the list will receive the items marked from the specified cabinet.

The administrator status, overlay calendar ID, language code and mail status message flag of the target cabinets are not modified.

See *Con-nect Administration*, section *Cabinet Maintenance* for information on profiles and security levels.

Batch Example

All cabinet members of the SYSCNT distribution list DLIST will receive the object/command table, and the cabinet profile of the source-cabinet. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B02250 sourcecab,,,DLIST,X,X
FIN
```

6   Delete Objects

Description

Program

B04000

Function

Delete various Con-nect objects.

Online Input Screen

```
 11:23             * * *  C O N - N E C T  3  * * *              17.07.97
 Cabinet LS                  Delete Objects                       B04000

     From Cabinet          _____    to Cabinet     _____

     Object Name           _____
     Folder Name           _____
     Keyword               _____

     Created/Modified from 1.01.86____     to    17.07.97___

     Object Number(s)     __  __  __  __  __  __  __  __ (Default: All)

               To select possible Objects press PF4

 Mark _ to delete Objects from Cabinets with registered Backup
        on or after 17.07.97___

      _ to prevent Deletion of Documents marked for Archive

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit  DisOb DisCb
Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional
Object Name	A32	Optional
Folder Name	A32	Optional
Keyword	A15	Optional
Created/Modified from	A11	Date range in which object was added or modified. Default: 1.Jan.86
Created/Modified to	A11	Date range in which object was added or modified. Default: current date
Object Number(s)	N2/8	Optional
Delete with Reg. Backup	A1	Optional. Default: no
Registered Backup Date	A11	Default: current user date minus the number of days for allowed deletion after the last registered backup.
Prevent Deletion	A1	Optional

Procedure

An existing Con-nect cabinet must be specified in the From-cabinet parameter. Press PF5 to display a list of all available cabinets. To select a single cabinet, mark it with either X or Y, or specify a range of cabinets by marking the first cabinet with X and the last cabinet with Y.

The keyword parameter applies only to documents and reference documents. It does not apply to folders or files.

Press PF4 to display a list of all available object types and corresponding numbers. Up to 8 object types can be marked for deletion.

If no Object-numbers are specified, most objects are deleted, depending on the remaining input parameters.

If the last registered backup for a cabinet occurred before the date indicated in the Registered-backup-date parameter and the Delete-with-registered-backup parameter is marked, objects are not deleted from this cabinet.

> **Notes:**

1. The date for the Registered-backup-date parameter is automatically provided. It is determined by the system default and the current date. See *Con-nect Administration* for further information on the system defaults.

2. The date and time of a registered backup is written to the Con-nect cabinet record when you create a backup of the cabinet using the cabinet deletion control. Date and time of the last two registered backups are saved in the cabinet record. See utility B08000 *Backup* for further information.

Documents that have been marked for archiving are not deleted, if the parameter Prevent-deletion has been set.

When this utility is run, all deleted objects are placed in the Wastebasket. However, documents whose expiration date has passed and objects that are not stored in a folder are completely deleted from the system.

Locked documents are deleted only if they are in this status for more than 2 days.

Objects

The following object types can be deleted:

Object Type	Number
Address	1
Application	2
Command	8
Distribution	10
Document	11
Form	14
Menu	18
Notepad	20
PF-key	22
Printer	23
Program	26
Reference	27
User-defined Objects	80-99

Bulletin Board
Items on a bulletin board are not deleted. They can be deleted using utility B04130 *Delete Folder Contents*.

Wastebasket
Items from the Wastebasket are not deleted. They can be deleted using utility B04130 *Delete Folder Contents*.

Calendar

Calendar entries are not deleted. They can be deleted using utility B04060 *Delete Calendar Items*.

Commands

When entering a command alias in the parameter Object-name, the language code must be specified as the first character and an asterisk (*) as the last character.

Menus

Menus can be deleted by specifying the language code as the first character and then the object number in the parameter Object-name (e.g. for English menus, specify 118).

PF-Keys

PF-keys are not contained in folders, nor do they have a key date. Thus, they must be specified explicitly (enter the object number).

Enter the language code as the first character and the number for the set name as the second in the parameter Object-name (e.g. 12 would delete the PF-keys in the English "Display `Object`" screens). The numbers for the set names are:

Number	Set Name
1	Menu
2	Display Object
3	Send
4	Editor
6	List of Objects

Output

For each object deleted, the following information is returned by this utility:

Header	Description
Cabinet	Name of cabinet from which objects were deleted.
Object Name	Name of object which was deleted.
Object	Type of object which was deleted.
Start Date/Folder/File	Date the object was added or modified, which ever is most recent and the folder or file in which the object was stored.
A	Object was marked for archive.

For each cabinet from which objects were deleted, the total number of objects deleted is returned.

Once all cabinets have been processed, the total number of cabinets checked is returned. From those cabinets, the number of cabinets from which items were deleted, along with the total number of items that were deleted are returned.

Batch Example

When executing this utility in batch, enter the following card in the JCL:

```
//CMPRT05 DD dataset
```

Delete all documents and user-defined objects that have not been modified since 15.Aug.96 from cabinet LS, if the last registered backup for this cabinet meets the system default requirements for days between last registered backup and cabinet deletion. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B04000 LS,,,,,,15-08-96,11,88,,,,,,,X
.
FIN
```

7   **Delete Bulletin Board Contents**

Description

Program

B04040

Function

Delete the oldest items from one or a range of bulletin boards.

Online Input Screen

```
  3:30 PM              * * *  C O N - N E C T  3  * * *              24.Feb.95
 Cabinet LS                 Delete Bulletin Board Contents                B04040


     From Bulletin Board _____
       to Bulletin Board _____     ('*' for all Bulletin boards)



 Delete items older than _350 days          ('0' means delete 'all')




Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
From Bulletin Board	A15	
To Bulletin Board	A15	Optional
Days on Bulletin Board	N4	Default value is set by the system administrator. See the description of the system defaults in *Con-nect Administration*.

Procedure

It is possible to delete items that are less than 1 day old; you enter a zero (0) in parameter Days-on-bulletin-board. In this case, even items that are marked for repeat delivery are deleted. Postponed items are not deleted.

The age of an item is determined by the date the item was mailed.

When an item is deleted, it is placed in the originator's Wastebasket.

The total number of records deleted is produced in the report.

Batch Example

Delete all items that have been in bulletin board VACANCIES for longer than 90 days. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B04040 VACANCIES,,90
FIN
```

8   Delete Pending Cabinets

Description

Program

B04050

Function

Delete any type of cabinet, be it private, standalone, shared or public.

> **Note:** If you have set the days between registered backup and cabinet deletion function in the system defaults (see the description of the system defaults in *Con-nect Administration*), it is recommended that you run utility B08000 *Backup* before you run this utility.

Online Input Screen

```
12:45 PM            * * *  C O N - N E C T  3  * * *            16.Apr.98
Cabinet LS                  Delete Pending Cabinets                  B04050


    Process the following pending records:

    From Cabinet _____   to Cabinet _____

            ('*' for all pending records)

    Mark _ to display cabinets pending for delete




Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
         Menu  Quit        DisCb
Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional
Display Pending Cab	A1	Online only

Pending Record

This utility is performed after a cabinet has been marked for deletion in the Cabinet Maintenance; i.e after a pending record has been created to identify the cabinet(s) to be deleted.

Press PF5 to display a list of all cabinets pending for deletion.

Procedure

This utility reads one, several or all records pending (when the specified date is reached) for deletion, depending on the parameters you enter.

If a value is supplied in the system defaults for days between registered backup and cabinet deletion (see the description of the system defaults in *Con-nect Administration*), this utility validates that the number of days between one of the last two registered backups and the current date is less than the number defined in the system defaults. If the length of time is greater, the cabinet is not deleted, even when the specified deletion date is reached. In this case, you must run utility B08000 *Backup* again before the cabinet can be deleted. If a cabinet does not contain objects, it is deleted regardless whether or not a backup was created.

> **Note:** If cabinet deletion control is selected when utility B08000 *Backup* is run, the backup is registered, even if no records are found for the specified cabinet. Thus it is possible to delete the cabinet without a complete backup.

If a value is not supplied in the system defaults, the dates of the last two registered backups are disregarded.

Next, this utility deletes all objects contained in the specified cabinet(s), e.g. the contents of all folders. Then, if the cabinet is a member of a shared or a private cabinet or any distribution list, the membership is erased. Then nickname entries are deleted. Finally, the system records defining the cabinet (i.e. folders, address records, user profile and cabinet records) are deleted. After the system records are deleted, the pending for deletion record is deleted.

Thus in the case of program failure during the execution of this utility, the program can be started again without loss of data integrity.

> **Note:** If a cabinet pending for deletion contains a repeat delivery item, that item will be sent only one time after the cabinet has been deleted.

Processing Sequence

1. All items contained in folders, excluding folders and files (TRS entries, if applicable, are deleted here as well)

2. All objects not contained in a folder (e.g. calendar entries) which belong to the cabinet to be deleted (except for folder definition records)

3. Members of shared cabinets and system distribution lists

4. Members of any other distribution lists

5. Shared cabinet distribution lists (if cabinet is shared only)

6. All member records (if cabinet is shared or private)

7. All nickname entries in all cabinets

8. All security log entries for the cabinet

9. All folder/file definitions

10. Address record

11. User profile

12. Cabinet record

13. Pending record

TRS Documents

Documents and reference documents filed in TRS folders are deleted from the TRS Document Directory file.

Move and Delete

It is possible to have a cabinet pending to be moved (utility B05050 *Move Pending Cabinets*) and, at the same time, have it pending for deletion. Utility B04050 *Delete Pending Cabinets* does not allow deletion as long as there is a record pending to be moved.

Batch Example

⚠ **Caution:** When running this utility in batch mode, ensure that users are not active in the cabinets which are to be deleted. Since the global variables are still active, certain functions such as SEND are still possible and, thus, records can be added. When the cabinet is left, these records remain on the Con-nect file but are not accessible.

All cabinets pending for deletion are to be processed. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B04050 *
FIN
```

9 Delete Calendar Items

Description

Program

B04060

Function

Delete the oldest calendar items from one or a range of calendars.

Online Input Screen

```
 12:48 PM            * * *  C O N - N E C T  3  * * *              14.Feb.94
 Cabinet LS                   Delete Calendar Items                  B04060




    From Cabinet _____   to Cabinet _____   ('*' for all cabinets)

       From Date 1.Jan.86      to Date 14.Feb.94

    Mark to delete  _ Appointments
                    _ Meetings
                    _ Reminders
                    _ Todos






Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Complete the information above and press ENTER to continue            ↵
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional
From Date	A11	Optional/Default
To Date	A11	Optional/Default
Appointments	A1	Optional
Meetings	A1	Optional
Reminders	A1	Optional
Todos	A1	Optional

Procedure

If a calendar item begins during the date range but does not end until after the date range, that calendar item is not deleted.

If a meeting has not taken place, the meeting is not deleted.

When a range of cabinets is entered, cabinet SYSCNT is ignored. Calendar items are deleted from cabinet SYSCNT only when it is specifically specified.

Invitations cannot be deleted.

If an agenda is attached to a calendar item, it is also deleted.

If a note has been attached to a calendar item, it is also deleted.

A report is produced giving the total number of records deleted.

Items deleted are physically deleted from the file (i.e. they are not placed in the Wastebasket).

Batch Example

Delete all calendar items from January 1, 1986 to February 14, 1994 (as February 14, 1994 is the current date) for all cabinets. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B04060 *,,1.1.86,,X,X,X,X
FIN
```

10 Delete Folder Contents

Description

Program

B04130

Function

Delete the oldest items from folders Wastebasket, Outbasket, Inbasket Opened and New, Compose, Connect and one optional folder.

Postponed mail as well as invitations to meetings are *not* deleted by this utility.

Online Input Screen

```
 12:49 PM              * * *  C O N - N E C T  3  * * *              14.Feb.94
 Cabinet LS                   Delete Folder Contents                    B04130




     From Cabinet _____ to Cabinet _____ ('*' for all cabinets)



     Folder Wastebasket     - delete items older than _30 days
            Outbasket       -                        ___
            Inbasket Opened -                        ___
            Inbasket New    -                        ___
            Compose         -                        ___
            Connect         -                        ___
            _____  -                        ___
             (Folder name or number)
                                             (enter 1 or more days)



Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Complete the information above and press ENTER to continue              ↵
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional
Days in Wastebasket	N3	Optional
Days in Outbasket	N3	Optional
Days in Inbasket Opened	N3	Optional
Days in Inbasket New	N3	Optional
Days in Compose	N3	Optional
Days in Connect	N3	Optional
Folder (or Number)	A15	Optional
Days in Optional Folder	N3	Optional

Procedure

Processing Sequence

1. Wastebasket
2. Outbasket
3. Inbasket Opened
4. Inbasket New
5. Compose
6. Connect
7. Optional folder (e.g. Work)

No Automatic Deletion of Items

If you do not specify a value for the days parameter, *no* items are automatically deleted in that folder.

Age of an Item

The minimum age of an item that you can delete automatically is one day.

Postponed mail items are *not* automatically deleted.

The age of an item is determined by the most recent of the following dates:

- date created;
- date modified;
- date mailed; or
- date forwarded.

The default value for the number of days in the Wastebasket is taken from the system defaults. See the description of the system defaults in *Con-nect Administration*.

Optional Folder

You can specify any folder (e.g. Work) but not the system folders 1 through 6 listed above.

You can only use this parameter if you refer to *one* cabinet and *not* to a range of cabinets.

Target Location of Deleted Items

Items deleted from folders other than the Wastebasket are placed in the Wastebasket.

Items deleted from the Wastebasket are physically deleted from the file.

Batch Example

All items in the Wastebasket older than 30 days, and all items in the Outbasket and Inbasket opened more than 60 days are to be deleted from all cabinets. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B04130 *,,30,60,60
FIN
```

11 Delete System Folder TRS-XXL

Description

Program

B04131

Function

Delete system folder TRS-XXL from a cabinet, a range of cabinets or all cabinets.

Online Input Screen

```
 12:49 PM              * * *  C O N - N E C T  3  * * *              14.Feb.94
 Cabinet LS              Delete System Folder TRS-XXL                   B04131




     Delete System Folder TRS-XXL



     From Cabinet _____ to Cabinet _____

     ('*' for all cabinets)






Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Complete the information above and press ENTER to continue              ↵
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional

Procedure

Deleting system folder TRS-XXL from SYSCNT causes all subsequent new cabinets to be created without TRS-XXL.

Cabinet SYSCNT is *not* updated if you enter a *range* of cabinets (including S), or all cabinets. It is updated only if you explicitly enter the cabinet name SYSCNT.

TRS-XXL is deleted only if the folder is empty, otherwise it is not deleted and an error message is issued.

Batch Example

Delete system folder TRS-XXL from cabinet LS. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B04131 LS,LS
FIN
```

12   **Delete Expired Documents**

Description

Program

B04110

Function

Delete documents completely from Con-nect whose expiration date has passed (e.g. deleted documents will not be placed in file Wastebasket).

Online Input Screen

```
 12:49 PM              * * *  C O N - N E C T  3  * * *              14.Feb.94
 Cabinet LS                  Delete Expired Documents                    B04110



           Documents that have an expiration date less
           than the current date   14.Feb.94 are handled here.


           From Cabinet _____ to Cabinet _____

           ('*' for all cabinets)


           Mark _ to prevent the deletion of documents marked for archive




 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit
 Complete the information above and press ENTER to continue              ↵
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional
Archive Flag	A1	Optional

Procedure

Documents whose expiration date has passed will be deleted. You use the INFO command to display the expiration date for a document.

Specify the Archive-flag parameter if you do not want to delete the documents marked to be archived.

Bulletin board items can be deleted by the Con-nect administrators (regardless of who created them) if SYSCNTB is entered as the cabinet name.

When a range of cabinets is entered, all cabinets beginning with SYSCNT are ignored.

The total number of records deleted is produced in the resulting report. The report contains the following information:

- Cabinet
- Object name
- Folder/File
- An X is returned in the last column if the document was marked for archive.

Batch Example

Delete all documents whose expiration date has passed, including those marked to be archived. This would be coded as follows:

```
LOGON SYSCNT2B
MENU BO4110 *
FIN
```

13   **Move Pending Cabinets**

Description

Program

B05050

Function

Move the contents of a cabinet to another (already existing) cabinet.

Online Input Screen

```
 12:47 PM              * * *  C O N - N E C T  3  * * *              16.Apr.98
 Cabinet LS                   Move Pending Cabinets                     B05050


     Process the following pending records:

     From Cabinet _____  to Cabinet _____

             ('*' for all pending records)

     Mark _ to replace duplicate items

         _ to display cabinets pending for move



 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit
 Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional
Replace Duplicates	A1	Optional/Default: no
Display Pending Cab	A1	Online only

Pending Record

This utility is performed after a cabinet has been marked to be moved in Cabinet Maintenance, i.e. after a pending record has been created to identify the cabinet(s) to be moved.

Procedure

This utility reads one, several or all records pending to be moved, depending on the parameters you enter.

This utility accesses every record in the source cabinet and moves it to the target cabinet. The records for system folders (numbers 1-20) are ignored. If an item with the same name exists in the target cabinet, it is not replaced unless you mark the "replace duplicate items" field.

Invitations are not moved, they are deleted.

If the target cabinet is deleted before this utility is run, you are notified of the deletion and no items are moved.

Moving Members of Shared and Private Cabinets

Cabinet members of shared or private cabinets are not moved.

Folder/File in the Target Cabinet

Objects contained in a system folder (except folder Work) are moved to the appropriate system folder in the target cabinet.

The contents of folder TRS-XXL are moved to folder Work in the target cabinet. To ensure that folder TRS-XXL is empty when this utility is run, you should first run utility B10000 *Invert Long Documents*.

All other objects are moved to the same folder/file (same names) in the target cabinet. If a folder/file with that name does not exist in the target cabinet, it is automatically added.

Folders in Folders

Folder in folder relationships are usually retained. First the definitions of the folder and second-level folder (a folder within a folder) are moved and then the contents of the folders.

Folder in folder relationships are *not* retained when the target cabinet already contains a folder with the same name as that in the source cabinet. In this case, a message is returned after this utility is run. Then the contents of the folder in the source cabinet is moved to the folder in the target cabinet, even though this folder may *not* be filed in the same first-level folder.

For example, the source cabinet contains folder A1. Folders A2, A3 and A4 are filed in folder A1. The target cabinet contains folder K1, in which folders K2, K3 and A3 are filed. When this utility is run, folder A1 as well as folder A2 and A4 are copied and moved to the target cabinet, retaining the folder in folder relationship. Since folder A3 already exists in the target cabinet, only the contents of folder A3 in the source cabinet are copied and moved to folder A3 in the target cabinet.

Distribution Lists

A member of a distribution list which is itself a distribution list is not moved. Nicknames for external addresses are not moved.

TRS Documents

Documents and reference documents filed in TRS folders are deleted from the TRS Document Directory file.

If the target folder happens to be a TRS folder, incoming documents are inverted. The TRS rules for a folder are moved if this folder does not exist in the target-cabinet.

System Records

Finally, the system records defining the source-cabinet (i.e. cabinet profile, user profile, cabinet and address records as well as the system folders) remain untouched. After the utility is completed, the pending record(s) is deleted and an empty (source) cabinet remains. Mark the cabinet for deletion on the "Administration - Cabinet Maintenance" screen and then use utility B04050 *Delete Pending Cabinets* to delete the cabinet as a whole.

Private Flag and Security Levels

Objects marked as private are *not* moved. Therefore if a folder is marked as private, the folder and *all of its contents* are not moved. However, if a folder is not marked as private and is filed in a private folder, this folder and its contents are copied and moved to the target cabinet.

The security levels of all moved objects are reset.

Move and Delete

It is possible to have a cabinet pending to be moved and, at the same time, have it pending for deletion (utility B04050 *Delete Pending Cabinets*). Utility B04050 *Delete Pending Cabinets* does not allow deletion as long as there is a record pending to be moved.

Batch Example

All cabinets identified as pending are to be moved. Duplicate items are to be replaced. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B05050 *,,X
FIN
```

14   **Move Folder Contents**

Description

Program

B05130

Function

Move the contents of the folder(s) of a cabinet to another (already existing) cabinet.

Online Input Screen

```
 12:50 PM              * * *  C O N - N E C T  3  * * *           14.Feb.94
 Cabinet LS                    Move Folder Contents                    B05130




     Source Cabinet                _____

     Target Cabinet                _____

     Beginning with Folder         _____   ('*' for all folders)

     Ending with Folder            _____

     Mark to replace duplicate items    _




 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
 Complete the information above and press ENTER to continue              ↵
```

Utility Parameters

Parameter	Format	Description
Source Cabinet	A8	
Target Cabinet	A8	
Start Folder	A15	
End Folder	A15	Optional
Replace Duplicates	A1	Optional/Default: no

Procedure

The full names of the existing Source-cabinet and Target-cabinet must be specified. A folder name or a start value for a folder must also be specified. The End-folder is optional and, if it is not specified, the Start-folder is used as the default (i.e. only that folder is copied).

The program accesses every folder and file record in the Source-cabinet. If a corresponding folder/file does not exist in the Target-cabinet, it is created. Then the items in the folders are copied. If items with the same names exist in the Target-cabinet, they are not replaced unless you specify the Replace-duplicates parameter.

Invitations are not moved, they are deleted.

Folder/File in the Target Cabinet

Objects contained in a system folder (except folder Work) are moved to the appropriate system folder in the target cabinet.

The contents of folder TRS-XXL are moved to folder Work in the target cabinet. To ensure that the folder TRS-XXL is empty when running this utility, you should first run utility B10000 *Invert Long Documents*.

All other objects are moved to the same folder/file (same names) in the target cabinet. If a folder/file with that name does not exist in the target cabinet, it is automatically added.

Folders in Folders

Folder in folder relationships are usually retained. First the definitions of the folder and second-level folder (a folder within a folder) are moved and then the contents of the folders.

Folder in folder relationships are *not* retained when the target cabinet already contains a folder with the same name as that in the source cabinet. In this case, a message is returned after this utility is run. Then the contents of the folder in the source cabinet is moved to the folder in the target cabinet, even though this folder may *not* be filed in the same first-level folder.

For example, the source cabinet contains folder A1. Folders A2, A3 and A4 are filed in folder A1. The target cabinet contains folder K1, in which folders K2, K3 and A3 are filed. When this utility is run, folder A1 as well as folder A2 and A4 are copied and moved to the target cabinet, retaining the folder in folder relationship. Since folder A3 already exists in the target cabinet, only the contents of folder A3 in the source cabinet are copied and moved to folder A3 in the target cabinet.

Distribution Lists

A member of a distribution list which is itself a distribution list is not moved. Nicknames for external addresses are not moved.

Private Flag and Security Levels

Objects marked as private are *not* moved. Therefore if a folder is marked as private, the folder and *all of its contents* are not moved. However, if a folder is not marked as private and is filed in a private folder, this folder and its contents are copied and moved to the target cabinet.

The security levels of all moved objects are reset.

TRS Documents

Documents and reference documents filed in TRS folders have their entry deleted from the TRS Document Directory file first, and then inverted afterwards (if applicable).

System Folders

All moved folders and files except for system folders are deleted in the source-cabinet.

SYSCNT

Folders cannot be moved from SYSCNT.

Batch Example

The contents of folder Work are to be moved from the Cab1 to Cab2. Duplicate items in Cab2 are not replaced, thus those items remain in the folder Work of Cab1. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B05130 Cab1,Cab2,work
FIN
```

15   Rename Cabinets - Batch Mode Only

Description

Program

B87050

Function

Rename cabinets by replacing old cabinet names with unique new ones.

🛑 **Caution:** It is recommended to run this utility when users are not logged on to the Con-nect system. You should confirm this before running the utility as data integrity problems can arise, e.g. mail sent to a cabinet that is to be renamed with this utility.

Important Information

Before you begin renaming the cabinets, it is recommended that you first estimate the time required to rename the cabinets (see *Batch Examples* below). If the time is sufficient, backup your Con-nect system file and run this utility on a non-overloaded machine.

Depending upon the size of the Con-nect system file this utility can take several hours. Therefore, it is highly recommended that you set your execution parameters to adequate values (e.g. the JCL parameter TIME to 1440, the Adabas parameter MADIO to 0 and the Natural parameter MT to 0).

Utility Parameters

Parameter	Format	Description
From Cabinet Name	A8	If an asterisk (*) is specified, all cabinets pending for rename are renamed, if the specified date is reached. Ignored - if parameter Test-execution-time is marked.
To Cabinet Name	A8	Optional. Ignored - if parameter Test-execution-time is marked.
Test Execution Time	A1	Optional - if marked, cabinets are not renamed. Only the run time is estimated.
Max Allowed Renaming Time	A10	Time, measured in minutes, not to be exceeded during the Renaming Cabinets procedure. Default: 240 minutes.

Pending Record

This utility is performed after a cabinet is marked to be renamed in Cabinet Maintenance; i.e. after a pending record has been created to identify the cabinet(s) to be renamed.

> **Note:** Logon to a cabinet that is pending for rename is not allowed once the rename date is reached.

Procedure

This utility reads one, several or all records pending (when the specified date is reached) for rename, depending on the parameters you enter.

Next, the time required to rename the selected cabinets is estimated and compared with the value defined in the parameter Max-allowed-renaming-time. If the estimated time exceeds the parameter value, the cabinets are not renamed and a message similar to the following is returned:

```
Renaming cannot be completed within the allowed maximum time
1569 cabinet(s) will be renamed in approx. 06 h 25 m 10 s ↵
```

In this case, either start this utility later, or modify the parameter Max-allowed-renaming-time and restart the utility.

If the estimated time is less than the parameter value, then each selected cabinet is locked to obstruct users from logging on. To avoid conflicting actions, a rename flag is stored. See *Functions Not Allowed During Execution* below.

Next, all records from the Con-nect system file are read in physical order, analyzed and if required renamed. Once all records for the selected cabinets are renamed, the corresponding pending for rename records and the rename flag are deleted.

In the case of program failure, the rename flag is not deleted from the Con-nect file until this utility is restarted, using the same parameters to complete the renaming process.

Documents

Document names and nicknames are not changed.

Fields such as "Author ID" and "Modified ID" are updated for all objects.

When the information in an object field is considered a cabinet name or a name that corresponds to a cabinet (e.g. the User ID), this field is also renamed.

Distribution Lists

The name of a distribution list is not changed if this name is equal to a cabinet to be renamed. However, members of a distribtion list are renamed.

Password

If the default password is used for a cabinet, it is renamed. If the user has specified another password, it is not modified.

Functions Not Allowed During Execution

The following functions are not allowed while this utility is running respectively when the rename flag is set:

- all administration functions,
- all API subprograms,
- all other utilities, and
- logon to the cabinets specified for rename.

> **Note:** If an API subprogram attempts to access a cabinet, return code 02 (invalid cabinet name) is issued.

Commands Not Executed

When this utility is run, the following commands are not executed in conjunction with a cabinet specified with this utility and the resulting message is displayed:

Command	Message
SHARE	Requested member cabinet is currently being renamed.
ADD Address	Addressee(s) not available: renaming in progress
ADD Distribution	Addressee(s) not available: renaming in progress
FORWARD	Addressee(s) not available: renaming in progress
SEND	Addressee(s) not available: renaming in progress

Command	Message
REPLY	Item not mailed to all addressee(s): renaming in progress
CONFIRM	Item not mailed to all addressee(s): renaming in progress

Estimate Run Time

Depending upon the number of records in the Con-nect system file and the number of cabinets to be renamed, this utility may take anywhere from a couple of minutes to several hours to run.

To determine the execution time, specify the parameter Test-execution-time as shown in the batch example below. In this case, cabinets pending for rename are neither locked or renamed. The run time for this utility is evaluated for 1, 10, 50, 100, 200, 500 and 1,000 cabinets.

Batch Examples

Rename cabinets pending for rename, beginning with cabinet AB. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B87050 AB*
FIN
```

Evaluate the time required to rename cabinets. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B87050
,,X
FIN
```

16 Mass Add/Delete Members to/from a Shared Cabinet - Batch Mode Only

Description

Program

B06170

Function

Add members to a shared cabinet or delete them from a shared cabinet.

Utility Parameters

Parameter	Format	Description
Shared Cabinet Name	A8	
Member (Cabinet Name)	A8	
DeleProfiletion Flag	A1	
	A1	

The program requires the Shared-cabinet-name to/from which the members are to be added/deleted. If the shared cabinet does not exist, the program terminates.

The Shared-cabinet-name needs to be coded only once. The other parameters can be coded as often as desired (i.e. equal to the number of new cabinets to be added).

If a period (.) or empty line is coded, the procedure will stop.

Procedure

Add a Member

The member must be a valid cabinet defined to Con-nect. A member cannot be added to a shared cabinet more than once. The Deletion-flag *must not* be set and the Profile *must* have one of the following two values:

1: member will use profile of shared cabinet

2: member will use own profile

Delete a Member

If a member is to be deleted from the shared cabinet, the Deletion-flag *must* be set and the Profile *must* be left blank.

> **Note:** Each shared cabinet has one associated system distribution list to enable the users to send messages to all users of that cabinet. This list is updated each time members are added to or deleted from a shared cabinet.

Batch Example

Cabinets A1 and A2 are to be added as members of the shared cabinet SHR. A1 will use the shared cabinet profile, and A2 its own profile. At the same time, member D1 is to be deleted. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B06170
SHR
A1,,1
A2,,2
D1,x
.
FIN
```

17 Modify Profiles

Description

Program

B06250

Function

Using a pattern cabinet, modify the selected section of the cabinet or user profile for the specified target cabinet(s).

Online Input Screen

```
11:59               * * *  C O N - N E C T  3  * * *              9.Dec.03
Cabinet LS                    Modify Profiles                        B06250

        Only items filled in pattern cabinet are modified.
        Mark Details to modify specific items in the user profile.


        Select pattern cabinet _____


        Select all cabinet profiles to be modified
            from cabinet _____  to cabinet _____


        or all cabinets contained in (SYSCNT) distribution
            list       _____


        Select items to be modified
                   _ Command/object table
                   _ Cabinet profile
                   _ Security levels
                   _ User profile            _ Details


                   _ Disallow/reset (Default: Allow/set)
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
Pattern cabinet	A8	
from cabinet	A8	Either cabinet or distribution list is required
to cabinet	A8	Optional
Distribution list	A12	Either distribution list or cabinet is required
Command/object table	A1	Optional
Cabinet profile	A1	Optional
Security levels	A1	Optional
User profile	A1	Optional
Details	A1	Optional
Disallow/reset	A1	Default: allow/set

Procedure

If cabinets who are members of a distribution list are to be modified, the list must be defined in cabinet SYSCNT. Only members of the distribution list are modified.

When the "Disallow/Reset" field is marked, the filled items in the pattern cabinet are disallowed in the target cabinet(s). In the case of numeric fields (e.g. security levels), they are set to zero.

When the "User profile" field is marked without the "Details" field, all filled items in the user profile of the pattern cabinet are copied. However, the following are never copied: the administrator status, overlay calendar ID and mail status message flag.

To copy items that are not filled in the pattern cabinet, select "User profile" and the "Details" field to display the "Mark to Copy from Pattern" screen.

```
 12:02                   * * *  C o n - n e c t  3  * * *              9.Dec.03
 Cabinet LS              Mark to Copy from Pattern                        B06250

   _ Date format (1)        _ Time format (2)       _ Delimiter (3)
   _ Timezone (4)           _ Week start (5)        _ Day start (6)
   _ Sliding window (7)

   _ Printer name (11)      _ Page length (12)      _ Line width (13)
   _ Mark to print (14)     _ Printer profile (15)  _ Formatting profile (16)
   _ Wrap print line (17)   _ Left margin (18)

   _ Language code (21)     _ Command sequence (22) _ Blank substitute (23)
   _ Autosave (24)          _ Default folder (31)   _ Default file (32)
   _ Folder layout (33)     _ Reply column (34)

   _ Main menu name (51)    _ Display month (52)    _ Display mail (53)
   _ Display calendar (54)  _ Display day name (55) _ Window border (56)

   _ Screen colors (61)

 Mark with X to allow, blank to disallow and press ENTER. Then QUIT to return.
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
                 Quit  Mark  Reset
```

From this screen, mark each user profile field to be copied. If a field is not marked it is not copied. See *Con-nect Administration*, section *Cabinet Maintenance* for information on the user profile and security levels.

Each user profile field has been assigned a unique number (displayed to the right of the field in brackets) which is to be used when running this utility in batch. The numbers are as follows:

User Profile Field	Batch Number
Date format	1
Time format	2
Delimiter	3
Timezone	4
Week start	5
Day start	6
Printer name	11
Page length	12
Line width	13
Mark to print	14
Printer profile	15
Formatting profile	16

User Profile Field	Batch Number
Wrap print line	17
Left margin	18
Language code	21
Command sequence	22
Blank substitute	23
Autosave	24
Default folder	31
Default file	32
Customize folder contents	33
Display reply column	34
Main menu name	51
Display month	52
Display mail	53
Display calendar	54
Display day name	55
Window border	56
Screen colors	61

For example, the object/command table for cabinets B and C must be modified. Cabinet A is created with only "ADD" and "Address" marked in its object/command table. Using this utility, cabinet A is specified as the pattern cabinet. Cabinet B and C which cannot add addresses are specified as the target cabinets. The "Object/command table" field is marked and the "Disallow/reset" field is blank. When the utility is run, the object/command table for cabinets B and C will be modified so that they are allowed to add addresses.

Cabinet A is again specified as the pattern cabinet. Cabinet B which can add addresses is specified as the target cabinet. The "Object/cmmand tble" and "Disallow/reset" fields are marked. When the utility is run cabinet B cannot add addresses.

Batch Examples

Disallow cabinet B to add addresses. Cabinet A serves as the pattern cabinet. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B06250 CabA,CabB,,,X,,,,,X
FIN
```

Modify the user profile fields: Date format, Page length, Window border of cabinet B. Cabinet A serves as the pattern cabinet to be copied. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B06250 CabA,CabB,,,,,,X,X
1,12,56
FIN
```

18 Modify Language Code

Description

Program

B06251

Function

Modify the language code and command sequence of a cabinet, a range of cabinets or all cabinets. The names of the system folders, e.g. Inbasket or Outbasket, are changed according to the language code.

Online Input Screen

```
  4:52 PM          * * *  C O N - N E C T  3  * * *              14.Feb.94
 Cabinet LS                  Modify Language Code                     B06251

        From Cabinet _____ to Cabinet _____ ('*' for all cabinets)


        Language Code 1
                Mark _ for OBJECT - COMMAND sequence


        Valid Language Codes are (if defined to Con-nect):


                1 - English
                2 - German               Note: The system folder names
                3 - French                     will be changed according
                4 - Spanish                    to the language code.
                5 - Italian
                6 - Dutch
                7 - Turkish/Finnish/Swedish/Icelandic
                8 - Danish/Hebrew
                9 - Norwegian/Portuguese/Arabic/Russian

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional
Language Code	A1	
Command Sequence	A1	

The language code for cabinet SYSCNT is *not* updated if you enter a *range* of cabinets (including S), or all cabinets. It is updated only if you explicitly enter the cabinet name SYSCNT.

Prerequisites

To change the language code for one or more cabinets, the appropriate language module must have been previously installed in Con-nect. Also, the appropriate folder installation module (N-I002&; where *&* is the language code) must be present in library SYSCNT2B, otherwise the program terminates with an error message indicating that the language is not available.

Batch Example

All cabinets are to be assigned language code 2, the command processor is to function in "object command" sequence, and all system folder names are to be in German. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B06251 2,X,*
FIN
```

19   **Backup**

Description

Program

B08000

Function

Create a backup copy of various Con-nect objects.

📄 **Note:** To restore a backup to a hardware environment compatible to the one from where it came, use utility B09000 *Restore*. To transfer Con-nect data to a different hardware environment, you must use the Cabinet Transfer function (see *Con-nect Administration* for further information).

Online Input Screen

```
  8:45 AM              * * *  C O N - N E C T  3  * * *              31.Jul.97
 Cabinet LS                        Backup                              B08000

      From Cabinet            _____     to Cabinet    _____

      Restore into Cabinet   _____

      Object Name            _____
      Folder Name            _____
      Keyword                _____
      Created/Modified from 1.01.86         to   31.07.97

      Object Number(s)     __  __  __  __  __  __  __  __ (Default: All)

      Mark  _ to use this backup for cabinet deletion control

           _ to backup  o n l y  pending cabinets (marked for deletion)

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit  Restr DisCb
Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional
Restore into Cabinet	A8	Optional
Object Name	A32	Optional
Folder Name	A15	Optional
Keyword	A15	Optional
Created/Modified from	A11	Date range in which item was added or modified. Default: 1.Jan.86
Created/Modified to	A11	Date range in which item was added or modified. Default: current date
Object Number(s)	N2/8	Optional
Cabinet Deletion Control	A1	Optional
Only Pending Cabinets	A1	Optional

Procedure

If no Object-numbers are specified, most objects are backed up, depending on the other input parameters. Up to eight Object-numbers can be specified.

An existing Con-nect cabinet must be specified in the From-cabinet parameter. Press PF5 to display a list of all available cabinets. The following information is displayed:

Cabinet
  Cabinet ID.

Name/Description
  User's first and last name, or a description of the cabinet.

Backup completed on
  The date and time of the last two previous registered backups for the cabinet. They are displayed one below the other.

for Date Interval
  The date range in which the item was added or modified.

Del
  Marked if the cabinet is pending for deletion.

To select a single cabinet, mark it with X or Y. To specify a range of cabinets, mark the first cabinet with X and the last cabinet with Y.

The target-cabinet (Restore-into-cabinet parameter) need not exist, thus enabling the transfer of data from one Con-nect system file to another. If a target-cabinet is specified, all records backed

up are stored in that cabinet with a subsequent Restore procedure. Invitations to a meeting are only backed up, if a target cabinet is not specified.

The Keyword parameter applies only to the following objects: appointment, document, meeting and reference document. It does not apply to folders or files.

If the Cabinet-deletion-control parameter is marked, the date and time of this backup is registered for all cabinets processed. Even if no records are found for a cabinet, the backup is registered.

> **Notes:**

1. In order to use the cabinet deletion control, you must first define the system defaults (see *Connect Administration*).

2. The system retains the date and time of the two most current backups for each cabinet processed. The registered backups can then be used as a cabinet deletion control when utility B04000 *Delete Objects* is run.

If the Only-pending-cabinets parameter is marked, only those cabinets pending for deletion are processed.

Objects

The following objects can be backed up:

Object Name	Number	Keyword
Address	1	
Application	2	
Appointment	3	X
Command	8	
Distribution	10	
Document	11	X
Form	14	
Meeting	16	X
Menu	18	
Notepad	20	
PF-key	22	
Printer	23	
Program	26	
Reference	27	X
Reminder	28	
Todo	43	

Object Name	Number	Keyword
User-defined Objects	80-99	

Commands

When entering a command alias in the parameter Object-name, the language code must be specified as the first character and an asterisk (*) as the last character.

Commands are added as records in the Con-nect system file. They are not automatically included in the command table - the command table is rebuilt for each specific cabinet the first time it is accessed.

Distribution List

All members of every distribution list found are unloaded.

Menus

Menus can be backed up by specifying the language code as the first character and then the object number in the parameter Object-name (e.g. for English menus, specify 118).

Calendar

Calendar items are unloaded by entering the object number.

Specific calendar items can be unloaded by entering a date-time string in the Object-name parameter in the format YYYYMMDDIISS* (e.g. to unload all calendar items that start in October 1987, enter 198710*). Calender items that start before the specified month and continue until the specified month are not unloaded.

Duplicate calendar items are not replaced.

Outstanding reminders are not activated following a Backup and Restore procedure.

PF-Keys

PF-keys are not contained in folders, nor do they have a key date. Thus, they must be specified explicitly (enter the object number).

Enter the language code as the first character and the set name as the second in the parameter Object-name. The set names are:

1: Menu

2: Display

3: Send

4: Modify

Bulletin Board

You must enter SYSCNTB as the cabinet name to unload all items in all bulletin boards and any other cabinet but SYSCNTB (e.g. SYSCNT) in the Restore-into-cabinet parameter. Optionally, a bulletin board name can be entered in the Folder-name parameter. After this utility and utility B09000 *Restore* are run, new folders are created in which the bulletin board items are restored as documents. The folder names reflect the names of the bulletin boards.

Cabinet Security

Objects marked as private are ignored when backing up to a different cabinet. Object security levels are reset to 0 when backing up to a different cabinet.

The private flag and security levels remain intact when backing up or restoring to the same cabinet.

Compression

The space usage factor is given greater importance than supplying optimum performance with regard to the time factor.

Unloaded data is written in a compressed form to the Natural work file 4 in order to use the minimal amount of storage space.

Empty fields are not unloaded.

Output

The following information is returned by this utility:

Cabinet
　　Name of cabinet which was backed up.

Object Name
　　Name of object which was backed up (e.g. document name, folder name).

Object
　　Type of object which was backed up (e.g. folder, reminder).

Date Start/Folder/File
　　If the object backed up is a calendar item, the date the calendar item starts is returned. For any other object, the folder or file in which that object is stored is returned.

Date Added/Modified

  Date the object was added or modified, which ever is most recent.

Batch Example

This utility uses the Natural work file 4. Thus when executing this utility in batch, enter the following card in the JCL:

```
//CMWKF04 DD dataset
//CMPRT05 DD dataset
```

The definition of the data set is as follows:

```
DCB=(RECFM=VB,BLKSIZE=4628,RECL=4624)
```

All documents beginning with DOC and all forms beginning with FORM in cabinet AB are to be backed up. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B08000 AB,,,DOC*,,,,,11
AB,,,FORM*,,,,,14
.
FIN
```

Backup of all objects in cabinet AB which have been added or modified after 6.Feb.91. Additionally, this backup is to be used for cabinet deletion control. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B08000 AB,,,,,,6.Feb.91,,,,,,,,,,X
.
FIN
```

20 Restore

Description

Program

B09000

Function

Restore Con-nect objects placed in Natural work file 4 by a previous *Backup* procedure.

> **Note:** To restore a backup to a hardware environment compatible to the one from where it came, run this utility. To transfer Con-nect data to a different hardware environment, you must use the Cabinet Transfer function (see *Con-nect Administration*).

Online Input Screen

```
  11:54 AM              * * *  C O N - N E C T  3  * * *              14.Feb.94
  Cabinet LS                      Restore                              B09000

                            Code Function
                            ---- ---------------------------
                                 No Replace
                            R    Replace
                            S    Scan
                            I    Info
                            .    Terminate
                            ---- ---------------------------
       Code                 _

       From Cabinet         _____      to Cabinet  _____
       Object Name          _____
       Folder Name          _____
       Keyword              _____
       Created/Modified from 1.Jan.86          to  14.Feb.94

       Object Number(s)                                  (Default: All)

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit  Bckup
Complete the information above and press ENTER to continue                   ↵
```

Utility Parameters

Parameter	Format	Description
Code	A1	
From Cabinet	A8	
To Cabinet	A8	Optional
Object Name	A32	Optional
Folder Name	A15	Optional
Keyword	A15	Optional
Created/Modified from	A11	Date range in which item was added or modified. Default: 1.Jan.86
Created/Modified to	A11	Date range in which item was added or modified. Default: current date
Object Number(s)	N2/8	Optional

Procedure

If no input data is supplied, all data on the tape is restored.

Specify one of the following codes:

Code	Description
r	Duplicate items with the same name are replaced. Exception: calender items are not replaced.
s	The work file is scanned (DB updates will not take place). Any specified parameters are ignored.
i	Returns backup-related data, e.g. date, time, user ID, operating system, TP monitor, application ID, and device active during the backup.
.	Terminate.
	A blank results in duplicate items not being replaced.

The cabinet to be restored must exist prior to the restore action, otherwise an error message is issued and the items which are to be stored in that cabinet are ignored.

Folders and files which do not exist in the cabinet to be restored are automatically generated (with ascending date sequence).

Documents and reference documents that are restored into a TRS folder are inverted according to the rules of the folder.

> **Note:** Calendar items or items that are restored in the Inbasket, Outbasket, or Wastebasket are never overwritten, but added.

Output

The following information is returned by this utility:

Cabinet
Name of cabinet which was restored.

Object Name
Name of object which was restored (e.g. document name, folder name).

A
The following action codes may be returned:

A record has been added

R record has been replaced

N record has not been replaced

S record has been scanned

L record is locked (a user is currently working with the document).

Object
Type of object which was restored (e.g. folder, reminder).

Date Start/Folder/File
If the object restored is a calendar item, the date the calendar item starts is returned. For any other object, the folder or file in which that object is stored is returned.

Date Added/Modified
Date the object was added or modified, which ever is most recent.

Batch Examples

This utility uses the Natural work file 4. Thus when executing this utility in batch, enter the following card in the JCL:

```
//CMWKF04 DD dataset
//CMPRT05 DD dataset
```

The definition of the data set is as follows:

```
DCB=(RECFM=VB,BLKSIZE=4628,LRECL=4624)
```

Obtain a list of the contents of a data set that was previously backed up. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B09000 S
FIN
```

Restore all items from the folder work which begin with BEETLE. Replace already existing documents. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B09000 R,,,BEETLE*,WORK
FIN
```

21   Invert Long Documents

Description

Program

B10000

Function

Invert TRS documents which are filed in folder TRS-XXL.

TRS documents are automatically moved to the TRS-XXL folder whenever a user manages (issues commands such as MODIFY, FILE, TRANSLATE) a TRS document which is longer than the length allowed to be inverted online.

The maximum length of a document which can be inverted online is specified in the system defaults. See *Con-nect Text Retrieval Administration* in *Con-nect Administration* for further information.

Online Input Screen

```
 12:52 PM              * * *  C O N - N E C T  3  * * *              14.Feb.94
 Cabinet LS                    Invert Long Documents                    B10000



     Invert Documents filed in folder TRS-XXL



     From Cabinet _____  to Cabinet _____

     ('*' for all cabinets)




     (This function is only supported if TRS is available)


 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit
 Complete the information above and press ENTER to continue              ↵
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional

Procedure

Whenever a user manages a TRS document (i.e. issues a command such as MODIFY, FILE, TRANSLATE), that document is inverted online. If the document is longer than the length allowed to be inverted online, the document is automatically filed in the folder TRS-XXL. Although the document is not inverted until the utility is run, the user can continue to access and modify the document.

When this utility is run, it inverts the document(s) from the specified cabinet(s) stored in the TRS-XXL folder. The inverted document(s) is then moved back to the source TRS folder or the new folder which was specified while filing the document(s).

If a document from cabinet SYSCNT is filed in the folder TRS-XXL, it is inverted when cabinet SYSCNT is the only cabinet specified in the parameters start cabinet and end cabinet. If a range of cabinets is specified, documents from cabinet SYSCNT are not inverted.

If an error occurs during the inversion process, the user is notified and the document remains in folder TRS-XXL.

> **Note:** TRS must be active when this utility is run.

Batch Example

Invert all TRS documents in the folder TRS-XXL from cabinet LS. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B10000 LS,LS
FIN
```

22   Invert Contents of TRS Folders in Cabinet(s)

Description

Program

B10050

Function

Invert documents and reference documents filed in TRS folders within the specified cabinet, range of cabinets or all cabinets.

Alternatively, invert a specific TRS folder within a cabinet.

If Con-nect Text Retrieval is to be re-initialized (for example, after the Con-nect document file has been reorganized by a database administrator), delete and load the Con-nect Text Retrieval document file (DFNR) or the Con-nect Text Retrieval vocabulary file (VFNR) as described in the *Con-nect Installation and Operations Manual* and then execute this utility.

Online Input Screen

```
 12:53 PM               * * *  C O N - N E C T  3  * * *              14.Feb.94
 Cabinet LS            Invert Contents of TRS Folders in Cabinet(s)       B10050



     Invert all documents and reference documents filed in TRS folders


     From Cabinet _____ to Cabinet _____

     ('*' for all cabinets)

     Folder _____



     Note: This function is only supported when TRS is available



Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit
Complete the information above and press ENTER to continue                    ↵
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional
Folder	A15	Optional

Procedure

When the inverting rules of a TRS folder are modified, previously filed documents cannot be re-trieved according to the new rules. Until this utility is run, the documents can only be retrieved according to the previous inverting rules.

When the utility is run, it re-inverts all documents stored in the specified TRS folder which allows the documents to be retrieved according to the new inverting rules.

If a range of cabinets and a folder are specified, only the folder contents from the first cabinet is re-inverted. If a cabinet or a range of cabinets are specified without a folder, the contents of all TRS folders within the cabinet(s) are re-inverted.

Batch Example

Invert all documents and reference documents from cabinet LS, folder Memos. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B10050 LS,LS,Memos
FIN
```

23 Remote Access - Upload

Description

Program

B74050

Function

Upload all local remote accesses pending for authorization to the central directory's authorization tables.

When you add, modify or delete remote access for a cabinet, user or member, the changes are not updated in the central directory until this utility is run.

Online Input Screen

```
  5:47 PM               * * *  C O N - N E C T  3  * * *            14.Feb.94
 Cabinet LS                    Remote Cabinet Access                    B74050


                   Upload Objects Marked for Synchronization

                   Mark _ with any character
                          to start upload procedure
                          for node NODE-NAME






Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
            Menu  Quit
Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
Start Upload	A1	

Procedure

When this utility is run, the following steps are performed:

Processing Sequence

1. **Upload users pending for authorization**
   All users with status pending for authorization will be added to the central directory's authorization tables.

2. **Upload users pending for deletion**
   All users with status pending for deletion will be deleted from the central directory's authorization tables.

3. **Upload users pending to be updated**
   Any modifications made to an authorized user's name will be uploaded to the central directory's authorization tables.

4. **Verify authorized users**
   All users previously uploaded to the central directory's authorization tables will be verified against the Con-nect system file. If a user no longer exists in Con-nect, authorization for that user will be deleted and removed from the authorization tables.

5. **Upload cabinets pending for authorization**
   All cabinets with status pending for authorization will be added to the central directory's authorization tables.

6. **Upload cabinets pending for deletion**
   All cabinets with status pending for deletion will be deleted from the central directory's authorization tables.

7. **Verify authorized cabinets**
   All cabinets previously uploaded to the central directory's authorization tables will be verified against the Con-nect system file. If a cabinet no longer exists in Con-nect, authorization for that cabinet will be deleted and removed from the authorization tables.

8. **Upload members pending for authorization**
   All members with status pending for authorization will be added to the central directory's authorization tables.

9. **Upload members pending for deletion**
   All members with status pending for deletion will be deleted from the central directory's authorization tables.

10. **Verify authorized members**
    All members previously uploaded to the central directory's authorization tables will be verified against the Con-nect system file. If a member no longer exists in Con-nect, authorization for that cabinet will be deleted and removed from the authorization tables.

11. **Download members pending for deletion**
    All external memberships whose authorization has been deleted will be deleted from Con-nect.

Batch Example

Upload all cabinets pending for authorization or deletion to the central directory's authorization tables. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B74050 X
FIN
```

24   Remote Access - Verify I Con-nect System File

Description

Program

B74051

Function

Verify remote access authorization records in Con-nect against the central directory file. If a discrepancy occurs, data in the central directory are assumed to be correct and the Con-nect system file is updated.

If you want to display the discrepancies between the Con-nect system file and the central directory's authorization tables, mark both fields. In this case, the records are not modified.

Online Input Screen

```
   7:37 AM              * * *  C O N - N E C T  3  * * *           14.Feb.94
 Cabinet LS               Remote Cabinet Access                      B74051

                       Recover Con-nect System File

                       Mark _ with any character
                               to start recover procedure
                               for node Node-Name

                       Mark _ with any character
                               to run this function
                               with mode = 'report-only'




 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
            Menu  Quit
 Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
Start Recover	A1	
Report Only	A1	

Procedure

This utility verifies and modifies only the records applicable to your Con-nect node.

Processing Sequence

When this utility is run, the following steps are performed.

1. **Check table of users - Central Directory**
   All authorized users in the central directory's authorization tables are verified against the Con-nect system file. If a user is not authorized in Con-nect, authorization for the user is restored. However, if a user is not defined in Con-nect, authorization for that user is deleted from the authorization tables.

2. **Check table of users - Con-nect**
   All authorized users defined in the Con-nect system file are verified against the central directory's authorization tables. If a record for a user is not present in the authorization tables, authorization for that user is deleted from Con-nect.

3. **Check table of cabinets - Central Directory**
   All authorized public cabinets defined to the central directory's authorization tables are verified against the Con-nect system file. If a cabinet is not authorized in Con-nect, authorization for the cabinet is restored. However, if a cabinet is not defined in Con-nect, authorization for that cabinet is deleted from the authorization tables.

4. **Check table of cabinets - Con-nect**
   All authorized public cabinets defined in the Con-nect system file are verified against the central directory's authorization tables. If a record for a cabinet is not present in the authorization tables, authorization for that cabinet is deleted in Con-nect.

5. **Check table of members - Central Directory**
   All authorized memberships defined to the central directory are verified against the Con-nect system file. The following occurs:

   - If a shared cabinet is not defined in Con-nect, authorization for the cabinet is deleted from the central directory.

   - If an external membership is not authorized in Con-nect and the external user is defined in the authorization table (as an authorized user on his local Con-nect), authorization for the membership is restored in Con-nect.

- If an external membership is not authorized in Con-nect and the external user is not defined in the authorization tables (as an authorized user on his local Con-nect), authorization for the external user is deleted from the authorization tables.

6. **Check table of members - Con-nect**

   All authorized memberships defined in the Con-nect system file are verified against the central directory's authorization tables. If a record for a membership is not present in the authorization tables, authorization for that membership is deleted from Con-nect.

Batch Example

Verify remote access authorization records in Con-nect against the central directory's authorization tables. If a discrepancy occurs, data in the central directory are assumed to be correct and the Con-nect system file is to be updated. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B74051 X,
FIN
```

25 Remote Access - Verify II Central Directory

Description

Program

B74052

Function

Verify remote access authorization records in the central directory's authorization tables against the Con-nect system file. If a discrepancy occurs, data in the Con-nect system file are assumed to be correct and the central directory's authorization tables are updated.

If you want to display the discrepancies between the central directory's authorization tables and the Con-nect system file, mark both fields. In this case, the records are not modified.

Online Input Screen

```
 11:20 AM               * * *  C O N - N E C T  3  * * *              14.Feb.94
 Cabinet LS                  Remote Cabinet Access                       B74052

                          Recover Directory File


                      Mark _ with any character
                              to start recover procedure
                              for node Node-Name


                      Mark _ with any character
                              to run this function
                              with mode = 'report-only'




 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit
 Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
Start Recover	A1	
Report Only	A1	

Procedure

This utility verifies and modifies only the records applicable to your Con-nect node.

Processing Sequence

When this utility is run, the following steps are performed:

1. **Check table of users - Con-nect**
   All users authorized in the Con-nect system file are verified against the central directory's authorization tables. If a user is not authorized in the authorization tables, authorization for the user is restored.

2. **Check table of users - Central Directory**
   All authorized users in the central directory's authorization tables are verified against the Con-nect system file. If a user is not authorized or defined in Con-nect, authorization for that user is deleted from the authorization tables.

3. **Check table of cabinets - Con-nect**
   All authorized public cabinets in the Con-nect system file are verified against the central directory's authorization tables. If a cabinet is not authorized in the authorization tables, authorization for the cabinet is restored.

4. **Check table of cabinets - Central Directory**
   All authorized public cabinets in the central directory's authorization tables are verified against Con-nect. If a cabinet is not authorized or defined in Con-nect, authorization for that cabinet is deleted from the authorization tables.

5. **Check table of members - Con-nect**
   All authorized external memberships in the Con-nect system file are verified against the central directory's authorization tables. The following occurs:

   ■ If an external membership is not authorized in the authorization tables and the external user is not authorized by his local Con-nect, authorization for the membership is deleted from Con-nect.

   ■ If an external membership is not authorized in the authorization tables but the external user is authorized by his local Con-nect, authorization for the membership is restored in the authorization tables.

6. **Check table of members - Central Directory**

   All authorized external memberships in the central directory's authorization tables are verified against the Con-nect system file. If an external membership is not authorized in Con-nect, authorization is deleted from the authorization tables.

Batch Example

Verify remote access authorization records in the central directory's authorization tables against the Con-nect system file. If a discrepancy occurs, data in the Con-nect system file are assumed to be correct and the authorization table is to be updated. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B74052 X,
FIN
```

26 Directory Synchronization - Upload - Batch Mode Only

Description

Program

B20001

Function

Upload all addresses marked for synchronization to the central directory.

🛑 **Caution:** You must ensure that the correct setting for the LFILE parameter is specified for the central directory, since in batch mode this information will not be overwritten.

Utility Parameters

None

Procedure

All addresses on your Con-nect node that are marked for synchronization are uploaded to the central directory. This includes the addresses you have physically set for upload and those that were automatically set for upload when you added the addresses to your Con-nect node. See *Directory Synchronization* in *Con-nect Administration* for further information.

For each address uploaded to the central directory, the following data is included in the address' record on your Con-nect node:

1. an alias which uniquely identifies the address on the central directory,

2. name of the central directory to which the address was uploaded, and

3. version number of the directory synchronization programs that were used to upload the address to the central directory.

Additionally, the status for each address is changed to "Uploaded".

This data can be displayed with the Upload Address Maintenance function. See *Directory Synchronization* in *Con-nect Administration* for further information.

Batch Example

Upload all addresses on your Con-nect node that are marked for synchronization to the central directory. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B20001
FIN
```

27 Directory Synchronization - Download - Batch Mode Only

Description

Program

B20002

Function

Download new addresses from the central directory which correspond to the profiles you defined. Additionally, update all previously imported addresses whose records have been modified on the central directory since the last download to your Con-nect node.

⛔ **Caution:** You must ensure that the correct setting for the LFILE parameter is specified for the central directory, since in batch mode this information will not be overwritten.

Utility Parameters

None

Procedure

When this utility is run, the system checks the highest transaction ID on your Con-nect node against the transaction IDs on the central directory. If there are addresses on the central directory (which correspond to a profile you have defined) which have been assigned transaction IDs higher than what is stored on your Con-nect node, this utility begins the download procedure with the address assigned to the next highest number. If an address cannot be located on the central directory with a transaction ID higher than that on your local Con-nect or which corresponds to a profile you have defined, this utility is terminated.

This utility first downloads all new and modified addresses from the central directory and then updates all previously imported addresses.

If a previously imported address has been unlinked from the central directory, it is never updated even though the address record on the central directory may be modified. Instead, the modified address is treated as a "new" address and is downloaded as such.

See *Directory Synchronization* in *Con-nect Administration* for further information.

Batch Example

Download all new and modified addresses on central directory which correspond to the profiles you have defined. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B20002
FIN
```

28 Directory Synchronization - Import

Description

Program

B20003

Function

Import all addresses downloaded to your Con-nect node with profiles that specify an automatic mass import. See *Directory Synchronization* in *Con-nect Administration* for further information.

🛑 **Caution:** You must ensure that the correct setting for the LFILE parameter is specified for the central directory, since in batch mode this information will not be overwritten.

Utility Parameters

None

Procedure

This utility imports all downloaded addresses that are to be automatically imported. If an address' profile specifies a controlled import, the address will remain in the download file, i.e. it is not imported. You must import the address on line.

If a problem occurs while importing an address, such as duplicate address, this address will remain in the download file so that you can import the address on line. See *Directory Synchronization* in *Con-nect Administration* for further information.

Batch Example

Import all downloaded addresses that are to be automatically imported. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B20003
FIN
```

III   Utilities - Format/Print

The "Utilities - Format/Print" menu is shown below. Mark the required function with any character and press ENTER.

```
 10:23                  * * *  C o n - n e c t  3  * * *              21.Jan.04
 Cabinet LS                  Utilities - Format/Print                    B37002


     Function                 Program        Function                  Program
    --------------------------------         --------------------------------
     __ Print Cabinet Logons     B07050
     __ Print Cabinet Functions  B07051
     __ Print Cabinet Commands   B07052
     __ Print Distribution Lists B07100
     __ Print Document List      B07110
     __ Print Document Contents  B07111
     __ Print Expired Doc. List  B07112
     __ Print Folder Contents    B07130
     __ Print Users              B07330
     __ Print Users Sorted       B07331
     __ Print Names              B07390
     __ Print Logical Printers   B07790




 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit
 Select a function                                                           ↵
```

The output resulting from a function is in the form of a report which contains 60 lines per page. The line width of a report depends on the left margin which has been defined in the user profile or with the OUTPUT command. The minimum line width is 80 columns (if the left margin equals 0). The maximum line width is 199 columns (if the left margin equals 99). All information is printed starting at the defined left margin. When a line of text is longer than the defined line width, it is truncated by default. In the user profile or with the OUTPUT command, you can define that such a line is to be wrapped.

The Format/Print utilities are described in the following sections:

Print Cabinet Logons

Print Cabinet Functions

Print Cabinet Commands

Print Distribution Lists

Print Document List

Print Document Contents

Print Expired Doc. List

Print Folder Contents

Print Users

Print Users Sorted

Print Names

Print Logical Printers

29   **Print Cabinet Logons**

Description

Program

B07050

Function

Print, with headers, an alphabetical list of cabinets according to the cabinet names. For each cabinet, the ID of the user who last logged on to the cabinet is displayed, as well as the date and time of the last logon.

This function is only available if it is marked in the system defaults. See *Con-nect Administration* for further information.

Note: The report can be displayed online. See *Reports* in *Con-nect Administration*.

Report without Headers

An identical report can be produced without headers. To do so, you must rename program B0705U in the SYSCNT2 library to B07059. Thereafter, this program is called each time you invoke B07050.

To revert back to printing reports with headers, you simply rename B07059 to B0705U.

Online Input Screen

```
 4:32 PM                * * *  C O N - N E C T  3  * * *              14.Feb.94
 Cabinet LS                    Print Cabinet Logons                       B07050



          Print the following cabinet logons:

          From Cabinet _____ to Cabinet _____

                    ('*' for all cabinets)










 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
            Menu  Quit
 Complete the information above and press ENTER to continue                   ↵
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional

Batch Example

Print all cabinet logons from cabinet AB to cabinet FE. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B07050 AB,FE
FIN
```

30   Print Cabinet Functions

Description

Program

B07051

Function

Print a list of cabinets in alphabetical order by cabinet ID. The selected function(s) and criterion (list authorized or unauthorized cabinets) selected determine which cabinets are included in the output. Each cabinet which fulfills at least one requirement is included. The output consists of each cabinet's ID and full name, and the function(s) selected. The functions are then marked with either a Y (authorized) or N (unauthorized), depending upon the criterion selected.

Online Input Screen

```
  9:53 AM              * * *  C O N - N E C T  3  * * *           14.Feb.94
 Cabinet LS                 Print Cabinet Functions                  B07051


 Mark functions:              _ Cabinet Maintenance
                              _ System Maintenance
                              _ Command Prompting
                              _ Con-form
                              _ Text Retrieval (TRS)
                              _ Modify Own Address
                              _ Display Home Addresses
                              _ Send External Mail
                              _ Modify Expiration Date
                              _ Read Mail



       Mark to:               _ list authorized cabinets
                              _ list unauthorized cabinets

                              _ create a document (Default: Print)

 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
            Menu  Quit
 Complete the information above and press ENTER to continue                   ↵
```

Utility Parameters

Parameter	Format	Description
Cabinet Maintenance	A1	
System Maintenance	A1	
Command Prompting	A1	
Con-form	A1	
Text Retrieval (TRS)	A1	
Modify Own Address	A1	
Display Home Address	A1	
Send External Mail	A1	
Modify Expiration Date	A1	
Read Mail	A1	
List Authorized Cabinets	A1	
List Unauthorized Cabinets	A1	
Create a Document	A1	Optional

Procedure

One or more functions and criterion can be selected to determine which cabinets are to be sorted for output.

The authorization for the selected functions is checked for each cabinet. Each cabinet which fulfills at least one of the requirements is included in the output and the column for that function is marked with a Y or N, depending upon the criterion selected.

The column for a function may remain blank if several functions and only one criterion are selected, since a cabinet need not fulfill all requirements to be included in the output.

As default, the output is directed to your defined printer, however, the output can be sent to your cabinet as a document with the name "LstCabFct *Date Time*" (date and time the document is created).

For example, if the functions System Maintenance and Cabinet Maintenance are selected along with the criterion to list all authorized cabinets, only those cabinets which are authorized to perform System Maintenance and/or Cabinet Maintenance are included in the output. In this case, if a cabinet is permitted one or both functions, the corresponding column(s) is marked with a Y for that cabinet. The total number of cabinets included in the output is displayed at the end of the output.

Batch Example

Create a document which lists all cabinets with the functions System Maintenance and/or Text Retrieval. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B07051 ,X,,,X,,,,,,X,,X
FIN
```

31   Print Cabinet Commands

Description

Program

B07052

Function

Print a list of cabinets in alphabetical order by cabinet ID. The selected command, object(s) and criterion (authorized/unauthorized) determine which cabinets are included in the output. Depending on the combination of command and object or objects, the output either includes: each cabinet's ID and full name, and a mark for authorized (Y) or unauthorized (N) (according to the criterion selected), or each cabinet's ID and a table of the object numbers marked as either authorized or unauthorized.

Online Input Screen

```
  9:54 AM           * * *  C O N - N E C T  3  * * *            14.Feb.94
 Cabinet LS                  Print Cabinet Commands                 B07052



          Command: _____  Object: _____
                                   ('*' for all objects)


          Mark to: _ list authorized cabinets
                   _ list unauthorized cabinets

                   _ create a document (Default: Print)








 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit
 Complete the information above and press ENTER to continue              ↵
```

Utility Parameters

Parameter	Format	Description
Command	A12	
Object	A1	Optional
List Authorized Cabinets	A1	
List Unauthorized Cabinets	A1	
Create a Document	A1	Optional

Procedure

Specify a valid command and if possible an object or all objects (specified with an asterisk (*)). Specify whether the output is to contain all cabinets authorized and/or unauthorized to use the selected object(s) with the command.

The authorization is checked for each cabinet. If a cabinet fulfills the requirements, it is included in the output.

Depending upon the requirements selected, the output will contain the following information:

- If a command is specified in conjunction with a specific object, the output contains the command and object selected, the cabinet ID and full names of those cabinets which meet the requirements, and a Y (authorized) or N (unauthorized) adjacent to each cabinet which adheres to the criterion selected.

- If a command is specified in conjunction with all objects, the output contains the command selected and an asterisk (*), the cabinet IDs of those cabinets which meet the requirements and object numbers. The objects are marked with a Y (authorized) or N (unauthorized) for each cabinet which adheres to the criterion. If an object number does not pertain to the command or to the criterion, it is marked with a dash (-).

As default, the output is directed to your defined printer, however, the output can be sent to your cabinet as a document with the name "LstCabCmd *Date Time*" (date and time the document is created).

For example, if the command DISPLAY and all objects are specified along with the criterion to list all unauthorized cabinets, all cabinets who cannot use a valid object with the command DISPLAY are included in the output. In this case, the top of the output contains the command and object(s) selected (in this case it is "DISPLAY *") the object numbers (1 through 50) and an N in the appropriate columns for each cabinet in which a valid object is not permitted with the DISPLAY command. The total number of cabinets included in the output is displayed at the end of the output.

Batch Example

Create a document which lists all cabinets which are permitted/not permitted to use the command ADD with the object Appointment and send the output to the user's cabinet as a document. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B07052 add,appointment,X,X,X
FIN
```

32   Print Distribution Lists

Description

Program

B07100

Function

Print a list of all distribution lists in which the specified member(s) is defined.

Online Input Screen

```
 11:53                 * * *  C o n - n e c t  3  * * *              9.Dec.03
 Cabinet LS        Print Distribution Lists with Specific Member         B07100




       From cabinet _____    to cabinet _____

                    ('*' for all cabinets)

       Member ID   _____

       Member name _____





 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit
 Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
From cabinet	A8	
to cabinet	A8	Optional
Member ID	A16	Optional
Member name	A20	Optional

Procedure

Only cabinet administrators can print a list of distribution lists from cabinets other than their own. Users can print only a list of distribution lists from their own cabinet.

Either member ID or member name must be specified, but not both.

To print all distribution lists that contain a specific member ID, enter the ID in parameter Member-ID. If a member ID with an asterisk (e.g. SA*) is specified, then all member IDs that begin with the characters are printed. An asterisk cannot be specified without one or more characters.

To print all distribution lists that contain users with a specific name, enter the last name in parameter Member-name. If one or more characters are specified with an asterisk (e.g. Sm*), then all members whose last name begin with those characters are printed. An asterisk cannot be specified without one or more characters.

The resulting printout contains the name of the distribution list in which the specified member is defined, the cabinet, member ID, member name and type of member.

Batch Example

Print a list of distribution lists from all cabinets that contain member IDs beginning with the letter A. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B07100 *,,A*
FIN
```

Print a list of distribution lists from all cabinets which contain users with the last name Landrey. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B07100 *,,,Landrey
FIN
```

33 **Print Document List**

Description

Program

B07110

Function

Print document list by cabinet, name, folder and date.

Online Input Screen

```
 4:32 PM              * * *  C O N - N E C T  3  * * *              14.Feb.94
 Cabinet LS                    Print Document List                      B07110




    From Cabinet    _____          to Cabinet    _____
         Document   _____
                                      to Document  _____
         Folder     _____ to Folder      _____
         Date       1.Jan.86        to Date        14.Feb.94

                                      Mark    _ to show disk space occupied
                                                by text lines of document
                                                (in bytes).

                                              _ to show cabinet totals ONLY




Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Complete the information above and press ENTER to continue              ↵
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional
From Document	A32	Optional
To Document	A32	Optional
From Folder	A15	Optional
To Folder	A15	Optional
From Date	A11	Default: 1.Jan.86
To Date	A11	Default: current date
Size	A1	Optional
Total Lines Only	A1	Optional

Procedure

Only cabinet administrators can print a list of documents from cabinets other than their own. Users can only print a list of documents from their own cabinet. The exceptions are documents contained in cabinet SYSCNT, which can be viewed by anyone.

When listing documents in cabinets which are not your own, the documents that are marked as private are handled as follows:

■ the document list is printed, but the output fields except for cabinet, size and bytes are filled with asterisks. If you have not marked the Size parameter, the field bytes is left blank.

A total-line is produced for every cabinet, showing the total number of documents printed (found) and the total number of bytes (if applicable). A grand total is printed if more than one cabinet is read, and a page break occurs at the start of a different cabinet.

If parameter Total-lines-only is specified, only total lines are printed.

The size refers to the size of the text only. It can be the text of the document, attached notes, enclosed documents, or cover notes.

All documents within a bulletin board can be printed by entering SYSCNTB as the cabinet name and a bulletin board name in the parameter folder-name.

Batch Example

The number of documents in every Con-nect cabinet are to be printed. This would be coded as follows:

```
LOGON SYSCNT2B
MENU B07110 *,,*,,,,,,,X
FIN
```

34   Print Document Content

Description

Program

B07111

Function

Print document content by cabinet, name, folder and date.

Online Input Screen

```
  4:32 PM            * * *  C O N - N E C T  3  * * *              14.Feb.94
  Cabinet LS                 Print Document Content                   B07111




   From Cabinet     _____
         Document   _____
                                  to Document   _____
         Folder      _____  to Folder      _____
         Date        1.Jan.86        to Date         14.Feb.94


         Mark to print
                   Banner          _
                   Attached Notes  _
                   Address Lists   _


                   Pagebreaks      _




Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit
Complete the information above and press ENTER to continue              ↵
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
From Document	A32	Optional
To Document	A32	Optional
From Folder	A15	Optional
To Folder	A15	Optional
From Date	A11	Default: 1.Jan.86
To Date	A11	Default: current date
Print Banner	A1	Optional
Print Notes	A1	Optional
Print Addressees	A1	Optional
Pagebreaks	A1	Optional

Procedure

Users can only print documents in their own cabinets. However, they can also print documents in cabinets where they have been authorized to do so (i.e. member of a shared cabinet or authorized with the SHARE command). Documents contained in cabinet SYSCNT and in public cabinets can be printed by anyone.

The Pagebreaks parameter refers to the page breaks between banner, notes, addressees and the text of the document. By default this parameter is blank and a page break will not occur between these items - instead, a delimiting line is generated. There is always a page break at the start of a new document.

If you want to print items from a bulletin board, enter SYSCNTB for the cabinet-name and a bulletin board in the Folder parameter.

Batch Example

Print all documents from the folder Work of the cabinet Con-nect, including banner, notes and addressees. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B07111 Con-nect,*,,WORK,,,,X,X,X
FIN
```

35   Print Expired Doc. List

Description

Program

B07112

Function

Print the names of documents whose expiration date has passed. This feature can be useful prior to executing utility B04110 *Delete Expired Documents*.

Online Input Screen

```
 4:33 PM              * * *  C O N - N E C T  3  * * *            14.Feb.94
 Cabinet LS                 Print Expired Documents                   B07112




            Documents that have an expiration date less
            than the current date   14.Feb.94 are handled here.


            From Cabinet _____ to Cabinet _____

            ('*' for all cabinets)



            Mark _ to ignore documents marked for archive





Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
            Menu  Quit
Complete the information above and press ENTER to continue              ↵
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional
Archive Flag	A1	Optional

Procedure

Only cabinet administrators can print a list of expired documents from cabinets other than their own. Users can only print expired documents in their own cabinet.

Names of documents whose expiration date has passed are printed. Specify the Archive-flag parameter to ignore documents marked for archive, and thus not print them.

Bulletin board items can be printed if SYSCNTB is entered as the cabinet name.

When a range of cabinets is entered, all cabinets beginning with SYSCNT are ignored.

A total of the number of records printed is produced in the resulting report. The report contains the following information:

- Cabinet
- Object name
- Folder/File
- An X is returned in the last column if the document was marked for archive.

Batch Example

Print the names all documents whose expiration date has passed, including those marked to be archived. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B07112 *
FIN
```

36 Print Folder Contents

Description

Program

B07130

Function

Print the contents of the specified folder or folder/file.

Online Input Screen

```
 10:25                  * * *  C o n - n e c t  3  * * *              21.Jan.04
 Cabinet LS                  Print Folder Contents                       B07130




        From cabinet _____    to cabinet _____

                   ('*' for all cabinets)

        Folder name  _____

        File name    _____

              Mark _ to use standard layout

        Sequence     _ Ascending by date
                     _ Descending by date
                     _ Defined by user


Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
From cabinet	A8	
to cabinet	A8	Optional
Folder name	A15	Optional
File name	A15	Optional
Mark to use standard layout	A1	Optional
Sequence: Ascending by date	A1	Optional
Sequence: Descending by date	A1	Optional
Sequence: Defined by user	A1	Optional

Procedure

Only cabinet administrators can print the contents of a folder (folder/file) from cabinets other then their own. Users can only print the contents of a folder from their own cabinet.

The contents of a folder are printed, by default, according to the layout defined for that folder.

If "Mark _ to use standard layout" field is marked, the contents of the folder are printed according to the Con-nect default layout.

If a folder contains one or more files, the file names and any item not contained in a file are printed first and then the contents of each file are printed.

If you specify a folder name with an asterisk (e.g. Fol*), then the contents of all folders that begin with those characters are printed. You must specify one or more characters with an asterisk.

If you specify a Sequence parameter, the contents of the folder will be printed in that sequence. If a Sequence parameter is not selected, then the sequence defined for that folder is used.

Batch Example

Print contents of folder FOLD1 in cabinet USERCAB.

```
LOGON SYSCNT2B
MENU
B07130 USERCAB,,FOLD1
FIN
```

37 **Print Users**

Description

Program

B07330

Function

Print a list in user-ID sequence, giving the user ID, phone, extension, department and full name.

Online Input Screen

```
  4:33 PM               * * *  C O N - N E C T  3  * * *                    14.Feb.94
  Cabinet LS                        Print Users                                 B07330



          Print the following users:

          From User _____ to User _____

                 ('*' for all users)












Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit
Complete the information above and press ENTER to continue              ↵
```

Utility Parameters

Parameter	Format	Description
From User	A8	
To User	A8	Optional

Batch Example

Print a list of all Con-nect cabinets, by user ID, is to be printed. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B07330 *
FIN
```

38   Print Users Sorted

Description

Program

B07331

Function

Print a list of users sorted by content in the sequence specified. The printed list will contain the user ID, phone, extension, department and full name; it will not contain the search criteria you selected.

Online Input Screen

```
 9:40 AM              * * *  C O N - N E C T  3  * * *            14.Feb.94
Cabinet LS                    Print User Sorted                       B07331


      Print from User _____ to User _____ ('*' for all users)


Define Sort Criteria
Content            Len  Pos From To     Content            Len  Pos From To
------------------ ---- --- ---- ----   ------------------ ---- --- ---- ----
User ID            8        1    8      Department number  10       1    10
Company            32       1    32     Phone              15       1    15
Title              32       1    32     Phone country      2        1    2
Location           32       1    32     Phone extension    10       1    10
Address (Line 1)   60       1    60     Postal Code        10       1    10
Address (Line 2)   60       1    60     Last name          32       1    32
Address (Line 3)   60       1    60     First name         32       1    32
City               32       1    32     Initial            1        1    1
Country            8        1    8      Transparent data   8        1    8
Department name    32       1    32
      Define exit to verify user data _____ with parameter _____
      Define exit to handle result   _____


Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Complete the information above and press ENTER to continue                  ↵
```

Utility Parameters

Parameter	Format	Description
From User	A8	
To User	A8	Optional
Position	N3	Priority of sorting criteria
From	N4	Byte on which sorting criteria begin
To	N4	Byte on which sorting criteria end
Verify User Data	A8	Optional
Parameter	A8	Optional
Handle Result	A8	Optional

Procedure

Sorting Criteria

Selected users can be sorted by nineteen sorting criteria; at least one sorting criterion must be specified. The contents of the first eighteen sorting criteria are user information which are internally stored within Con-nect (e.g. user's name, company, location and user ID). The remaining sorting criterion, transparent-data, can be filled by the user with any value.

The following rules must be adhered to when specifying sorting criteria:

- the "Pos" (position) field must be within the range of 1 through 19;
- a sorting criterion cannot be selected more than once;
- the value of the "From" field cannot be less than 1 (e.g. 1 equals the first byte of the information);
- the value of the "To" field cannot be greater the content's field length (as specified in the "Len" (length) field); and
- the value of "From" cannot be greater than the "To" field.

Sorting

This utility begins sorting the users by the specified sorting criteria until either all users are sorted uniquely, or all sorting criteria have been met. For example, you want a printed list of users sorted by the following criteria:

1. department-name

2. title

3. last-name

4. country

You would specify the following:

Content	Len	Pos	From	To
Department name	32	1	1	32
Title	32	2	1	32
Last name	32	3	1	32
Country	8	4	1	8

The utility first begins sorting the users by department-name. If all users cannot be sorted uniquely, the remaining users are sorted by title. The utility continues to sort the users until they are all sorted uniquely, or all sorting criteria have been met.

Furthermore, suppose the last six bytes in the criterion department-name in all user records contain the letters "center". You can remove these six bytes from the sorting criteria to speed up the sorting process. To do so, you specify the following:

Content	Len	Pos	From	To
Department name	32	1	1	26
Title	32	2	1	32
Last name	32	3	1	32
Country	8	4	1	8

Removing the last six bytes decreases the total number of bytes which are sorted per user from 104 to 98. Thus the sorting process is completed quicker.

User Exits

In addition to the sorting criteria, you can write your own user exits to verify user data before the sorting process, or to use the sorted data for other purposes.

The user exits are invoked during different phases of this utility:

Phase I

The utility begins reading the specified user records. If a user exit is specified in the "Define exit to verify user data" field, it is invoked after each user record is read.

Phase II

The utility begins sorting the user records. No user exit is invoked.

Phase III

The utility begins printing the sorted user records. If a user exit is specified in the "Define exit to handle result" field, it is invoked after each user record is printed.

The following is an explanation of how to use the user exits.

Verify User Data

You can write this type of user exit to:

▪ narrow the list of returned users by specifying additional requirements which must be met. For example, you want to print a list of only those users who are in department "appliances" and whose title is "clerk". You can reject all users that do not fulfil these conditions by writing the appropriate statement in the user exit and changing the value of the parameter Accept to false.

▪ produce different lists with the same user exit. For example, your company contains 100 different departments and you want to be able to create a separate telephone list with the same sorting criteria for each department. You can write the user exit to check the "parameter" field and depending upon the value specified in that field, fetch a particular department's user records. Thus, only one user exit is needed to produce the different lists.

▪ verify the integrity of the accepted information. For example, you have specified the phone-extension as your main sorting criterion, but the format of the telephone numbers on your database is left justified. If this information remains left justified, the telephone numbers may not be sorted in ascending order as intended. However, if you use the user exit to modify the format of the telephone numbers to right justified, you can be certain the user records will be sorted in ascending order.

> **Note:** These modifications are not applied to the database, but only to the information used during the execution of this user exit.

As a default, when the sorted user records are sent to the printer, the format modifications are not printed. However, if you change the parameter Return-modifications to true the modifications are printed and returned to the second user exit for other purposes.

- assign a value (e.g. internal personal number) to the sorting criterion "transparent data" field so that it can be used in the sorting criteria process.

When naming this type of user exit, it must begin with USR004.

When a user exit is specified in the "Define exit to verify user data" field, it is invoked for each user record with the following parameters:

Parameters	Format	Description
Accept	L	Default: true
Data-table	A1/1:476	Data in user record
User-id	A8	
Work-organization	A32	
Work-title	A32	
Work-location	A32	
Work-address	A60/1:3	
Work-city	A32	
Work-country	A8	
Work-dept-name	A32	
Work-dept-number	A10	
Work-phone	A15	
Work-phone-country	N2	
Work-phone-ext	A10	
Work-postal-code	A10	
Work-last-name	A32	
Work-first-name	A32	
Work-initial	A1	
Transparent-data	A8	
Return-modifications	L	Default: false
User-parameter	A8	The value specified in the "parameter" field.

Use Sorted Data

The second type of user exit can be written to use the sorted information for other purposes such as creating documents, or filing the list.

When naming this type of user exit, it must begin with USR005.

When it is specified in the "Define exit to handle results" field, it is invoked each time a user record is printed with the following parameters:

Parameter	Format	Description
Current-user	P7	Invoked with AD=O. Counter used during the sorting process which is increased by one each time the exit is invoked.
Total-user	P7	Invoked with AD=O. Total number of users sorted.
Data-table	A1/1:476	Contains user data as stored in the Con-nect system file, or as manipulated with the user exit Verify User Data, if parameter Return-modification was set to true.
User-id	A8	
Work-organization	A32	
Work-title	A32	
Work-location	A32	
Work-address	A60/1:3	
Work-city	A32	
Work-country	A8	
Work-dept-name	A32	
Work-dept-number	A10	
Work-phone	A15	
Work-phone-country	N2	
Work-phone-ext	A10	
Work-postal-code	A10	
Work-last-name	A32	
Work-first-name	A32	
Work-initial	A1	
Transparent-data	A8	
User-buffer	A250/1:8	Work area for the user. This buffer is left unchanged by Con-nect. Users can use this as their own work area.

Printing

Once all sorting is completed, this utility sends the sorted information to the printer which is specified in your user profile. The user ID, phone number, extension, department and full name is printed.

Technical Information

If the length of the sorting criteria is less than 35 bytes, then this utility begins at once with a sorted printout.

This utility does not require JCL sort statements and does not use Natural sort; the sorting is based on Adabas (thus, there is no limit to the number of user records which can be sorted at one time). This utility checks the sort records and deletes all records which have been printed.

In addition, each time this utility is invoked, it checks for sorted records older than one day. If any are found they are deleted. This ensures that sorted records which are retained due to system crashes are always deleted.

Batch Example

When this utility is run in batch mode, you replace the table containing the sort criteria with an alphanumeric input string. With this input string, you can specify up to 10 sorting criteria.

For each sorting criterion a 6 digit value must be specified, which consists of the following:

- A two digit number that determines the content that will be used as the sorting criterion. For example, if you want User ID as your sorting criterion, you would specify 01, while Company would be 02 and Phone would be 12. (The value corresponds to the order the contents are listed on the online screen for this utility.)
- A two digit "from value" for the sorting criterion.
- A two digit "to value" for this sorting criterion.

The sequence you specify the criteria in the input string determines the position and, thus, the sorting priority. Invalid specifications, such as the "from value" is greater than the "to value" are ignored.

Print all users, sorted by Country (with full length), City (from byte 1 to 12), Last Name (with full length) and First Name (with full length). Additionally, invoke user exit USR00501 to print the sorted information. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B07331 *,,09010808011216013217013, ,,USR00501
FIN
```

39   **Print Names**

Description

Program

B07390

Function

Print a list in last-name sequence, giving the full name, phone, extension, department and user ID.

Online Input Screen

```
  4:33 PM              * * *  C O N - N E C T  3  * * *              14.Feb.94
  Cabinet LS                      Print Names                           B07390



          Print the following names:

          From Name _____ to Name _____

                ('*' for all names)








Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit
Complete the information above and press ENTER to continue            ↵
```

Utility Parameters

Parameter	Format	Description
From Name	A20	
To Name	A20	Optional

Batch Example

Print a list of all Con-nect private cabinets by name. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B07390 *
FIN
```

40 Print Logical Printers

Description

Program

B07790

Function

Print a list of all logical printers. The following information are printed: logical printer name, destination, printer profile name, and description (1 line).

Online Input Screen

```
  4:33 PM              * * *  C O N - N E C T  3  * * *            14.Feb.94
 Cabinet LS                  Print Logical Printers                   B07790




        From Printer _____
          to Printer _____

                 ('*' for all logical printers)






Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Complete the information above and press ENTER to continue              ↵
```

Utility Parameters

Parameter	Format	Description
From Printer	A32	
To Printer	A32	Optional

Batch Example

Print a list of all Con-nect printers. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B07790 *
FIN
```

IV Utilities - Fix Corrupted Records

The "Utilities - Fix Corrupted Records" screen is shown below. You access this screen by pressing PF4 from the "Utilities - System Maintenance" screen.

Mark the required function with any character and press ENTER.

```
12:27                   * * *  C o n - n e c t  3  * * *              8.Dec.03
Cabinet LS                 Utilities - Fix Corrupted Records               B37003


   Function                    Program B     Function                   Program B
------------------------------------------  ------------------------------------
__ Document                    B99110
__ Folder/File                 B99130
__ Cabinet                     B99050
__ Address                     B99010
__ Object Names                B99990
__ PF-keys (Display List)      B99220
__ Object                      B99131






                     B - Available in Batch Mode only
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Select a function
```

The utilities for fixing corrupted records are described in the following sections:

Document: Fix Corrupted Document Records

Folder/File: Fix Corrupted Folder/File Records

Cabinet: Fix Corrupted Cabinet Records

Address: Fix Corrupted Address Records

Object Names: Display Objects Renamed to Folder Name

PF-keys (Display List): Copy Menu PF-key Set to List of Objects

Object: Fix Corrupted Objects

41   **Fix Corrupted Document Records**

Description

Program

B99110

Function

Check all documents in the specified cabinet(s) and, if appropriate, perform the following:

- Invalid date and time fields are corrected (e.g. if the date field contains 0).

- If an object is not contained in a folder or it is contained in a non-existent folder, it is filed into folder Work.

- The pointer for a suspended mail item is corrected, if the copy of the mail item has not been placed in the Outbasket.

- Keywords entered in lowercase are converted to uppercase.

- Document names which were incorrectly converted from lowercase to uppercase are corrected.

- Corrupted bulletin board items that were previously filed in folder Work when this utility was run are filed in folder A-RECOVER in cabinet SYSCNT.

Online Input Screen

```
10:04 AM              * * *  C O N - N E C T  3  * * *           30.Aug.1999
Cabinet LS              Fix Corrupted Document Records              B99110


     Process the following document records:

     From Cabinet _____ to Cabinet _____

             ('*' for all cabinets)


     Codes generated by output

             A - Date/time was corrected
             B - Document was filed into folder Work
             C - Suspended send record was corrected
             D - Keyword(s) were converted to uppercase
             E - Document name was converted to uppercase
             F - Documents were filed in folder A-RECOVER
                 in Cabinet SYSCNT

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional

Output

A Date and/or time was corrected.

B Document was filed into the folder Work.

C Suspended send records that were not in the Outbasket have been corrected.

D Keyword(s) were converted to uppercase.

E Document name was converted to uppercase.

F Documents were filed in folder A-RECOVER in cabinet SYSCNT.

Batch Example

Fix all corrupted documents in cabinet ESH. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B99110 ESH
FIN
```

42   **Fix Corrupted Folder/File Records**

Description

Program

B99130

Function

Check all folders and files in the specified cabinet(s) and, if appropriate, correct the following:

- Invalid date and time fields are corrected (e.g. if the date field contains 0).

- The time when this utility is run is provided as the folder/file name, if the folder/file name is missing.

- A file that is not contained in a folder is linked to its original folder.

- Folders/files which were not deleted when utility B05130 *Move Folder Contents* was run are deleted. Objects contained in these folders/files are filed in folder Work.

- Folder/file names which were incorrectly converted from lowercase to uppercase are corrected. Any folder/file name that is not unique is renamed with the date and time this utility is run.

- The private flag is recovered for a file which is stored in a private folder.

Additionally, all folders within folder relationships can be canceled, i.e. each folder will then be a separate folder which is not contained in any other folder.

> **Note:** Once this utility is run, it is recommended that utility B99990 *Display Objects Renamed to Folder Name* is run to insure that any system folder fixed with utility B99130 *Fix Corrupted Folder/File Records* is restored to the appropriate name (i.e. Wastebasket, Inbasket).

Online Input Screen

```
11:57 AM              * * *  C O N - N E C T  3  * * *              11.Apr.99
Cabinet LS              Fix Corrupted Folder/File Records                B99130

     Process the following folder definition records:

     From Cabinet _____ to Cabinet _____

              ('*' for all cabinets)

     Mark _ to cancel all folder within folder relationships

     Codes generated by output
             A - Date/time was corrected
             B - Folder/file name was generated
             C - File was recovered
             D - Folder within folder relationship was canceled
             E - Document was filed in folder Work
             F - Folder/file was deleted
             G - Folder/file name was converted to uppercase
             H - Private flag in folder/file was recovered
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit
 Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional
Cancel Relationships	A1	Optional

Output

The resulting report contains the name of the cabinet, folder, file and ISN processed as well as at least one of the following action codes:

A Date and/or time was corrected.

B Folder/file name was generated.

C File was recovered.

D Folder within folder relationship was canceled.

E Document was filed in folder Work.

F Folder/file was deleted.

G Folder/file name was converted to uppercase.

H Private flag in folder/file name was recovered.

If action code F is returned, utility B99110 *Fix Corrupted Document Records* must be run.

Batch Example

Check all folders contained in cabinet ESH. Folder within folder relationships are not canceled. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B99130 ESH
FIN
```

43 Fix Corrupted Cabinet Records

Description

Program

B99050

Function

Check all objects in the specified shared cabinets and, if appropriate, reset all objects marked as private to blank so that it is no longer private. Additionally, check and correct any invalid user profile screen color values, modification dates, times or IDs.

Online Input Screen

```
 1:17 PM              * * *  C o n - n e c t  3  * * *            19.Sep.2005
Cabinet LS             Fix Corrupted Cabinet Records                   B99050



    Process the following cabinet records:

    From Cabinet _____ to Cabinet _____

             ('*' for all cabinets)

    Codes generated by output

             A - Invalid Private Flag was reset
             B - User Profile color field was corrected
             C - Modification Date, Time or ID was corrected




Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional

Output

The resulting report contains the following: cabinet; name, description or keyword of the corrected object; date of last modification; ISN processed as well as at least one of the following action codes:

 A Invalid private flag was reset.

 B User profile screen color field was corrected.

 C Modification date, time or ID was corrected.

Batch Example

Reset objects marked as private in all shared cabinets and correct the user profile screen color field. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B99050 X
FIN
```

44   **Fix Corrupted Address Records**

Description

Program

B99010

Function

Check all addresses in the specified cabinet(s) and, if appropriate, correct references to any transport service node.

Online Input Screen

```
 9:55 PM              * * *  C O N - N E C T  3  * * *            2.Nov.1999
 Cabinet LS              Fix Corrupted Address Records                 B99010


     Process the following address records:

     From Cabinet _____ to Cabinet _____

              ('*' for all cabinets)

     Codes generated by output

              A - Invalid external node type was corrected




 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit
 Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional

Output

 A Invalid external node type was corrected.

Batch Example

Fix all corrupted addresses in cabinet ESH. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B99010 ESH
FIN
```

45   Display Objects Renamed to Folder Name

Description

Program

B99990

Function

Display all objects that have been renamed via API subprogram Z-MOD13 to the name specified in the renamed-to parameter. If requested, restore all corrupted system folders and objects in the Inbasket, Outbasket and Wastebasket.

📄 **Notes:**

1. It is recommended that this utility should be run if API subprogram Z-MOD13, delivered with Con-nect 3.2.3 or earlier, has been run to rename the last (in alphabetical sequence) folder/file in a cabinet.

2. It is also recommended that utility B99130 *Fix Corrupted Folder/File Records* should be run after restoring corrupted objects with this utility.

Online Input Screen

```
 11:52 AM              * * *  C O N - N E C T  3  * * *              18.Oct.1999
 Cabinet LS          Display Objects Renamed to Folder Name              B99990


    Process the following objects:

    From Cabinet   _____   to Cabinet    _____

                 ('*' for all cabinets)

    Renamed to      _____

    By User ID     _____  (optional)

    Modified on    _____  (optional)

           Mark  _   to fix system folder names and object names
                     in Inbasket, Outbasket and Wastebasket

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional
Renamed to	A15	
By User ID	A8	Optional. User ID that modified objects/folders.
Modified on	A11	Optional. Date range in which items were modified.
Mark to Fix	A1	If this parameter is marked, then corrupted system folder names and objects in the Inbasket/Outbasket/Wastebasket folders will be recovered.

Procedure

When this utility is run, all objects in the specified cabinet(s) that have been renamed by Z-MOD13 to the name specified in the rename-to parameter are returned. Included in the output for each object is the cabinet name, object number, name of object, folder number, file number, date and time of last modification and user ID.

If the Mark-to-fix parameter is marked, all corrupted objects in the system folders Inbasket, Outbasket and Wastebasket are recovered. For each object recovered, the resulting output includes the message "<--Name was fixed".

If a corrupted object is found and the Mark-to-fix parameter is not marked, the message "<--Can be fixed to this name" and the object's original name is also returned. In this case, the corrupted object is not automatically recovered.

The end of the output includes the total number of objects found and the total number of objects recovered.

Batch Examples

Return all objects with the name MARKETING in cabinets XSIS*. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B99990
XSIS*,,MARKETING
FIN
```

Return all objects with the name MEETINGS from all cabinets starting from CAB and fix the corresponding corrupted objects in system folders Inbasket, Outbasket and Wastebasket.

```
LOGON SYSCNT2B
MENU
B99990
CAB,Z9999999,MEETINGS,,,X
FIN
```

46   Copy Menu PF-key Set to List of Objects

Description

Program

B99220

Function

Check the PF-key sets "List of Objects" and "Menu" for all installed languages in the specified cabinet(s). Only the commands that have been assigned to the PF-keys are checked (not the names of the PF-keys). If PF-keys with different assignments are found, perform the following:

- If the field "Mark _ to replace List of Objects PF-key set" is *not* marked, all PF-keys with different settings are displayed.

- If the field "Mark _ to replace List of Objects PF-key set" is marked, all PF-keys in the PF-key set "List of Objects" that have different assignments in the PF-key set "Menu" are replaced with the PF-key assignments of the PF-key set "Menu".

Exception: the PF-keys used for paging forwards and backwards are not replaced in the PF-key set "List of Objects".

Online Input Screen

```
10:14 AM              * * *  C O N - N E C T  3  * * *              26.Jul.2002
Cabinet LS             Copy Menu PF-key Set to List of Objects          B99220



     Process the following PF-key sets:

     From cabinet _____ to cabinet _____

              ('*' for all cabinets)

     Mark _ to replace List of Objects PF-key set

     Codes generated by output:

              A - PF-key set was replaced




Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
           Menu  Quit
Complete the information above and press ENTER to continue
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional
Replace	A1	If marked, all PF-keys in the PF-key set "List of Objects" that have different assignments in the PF-key set "Menu" are replaced with the PF-key assignments of the PF-key set "Menu".

Output

A PF-key set was replaced.

Batch Example

In the cabinet ESH, check all PF-key assignments in the PF-key set "List of Objects" and compare them with the assignments for the PF-key set "Menu". If different PF-key assignments are found, replace the assignments for the PF-key set "List of Objects" with the assignments for the PF-key set "Menu".

```
LOGON SYSCNT2B
MENU
B99220 ESH, ,X
FIN
```

47   **Fix Corrupted Objects**

Description

Program

B99131

Function

Check all objects in the specified cabinet(s) and folder(s), except for the following:

- cabinets (cabinets are checked and fixed with utility B99050)
- addresses (addresses are checked and fixed with utility B99010)
- folders/files (folders/files are checked and fixed with utility B99130)
- PF-keys (PF-keys are checked and fixed with utility B99220)

If appropriate, perform the following:

- correct invalid date and time fields (e.g. if the date field contains 0).
- convert keywords entered in lowercase to uppercase.
- correct object names that were incorrectly converted from lowercase to uppercase.

Online Input Screen

```
 12:39                  * * *  C o n - n e c t  3  * * *              8.Dec.03
 Cabinet LS                   Fix Corrupted Objects                      B99131


   Process the following object records:

   From cabinet   _____        to cabinet   _____

                ('*' for all cabinets or all folders)

   From folder   _____ to folder    _____

   or    _ Wastebasket           Codes generated by output
         _ Outbasket              A - Date/time was corrected
         _ Inbasket               B - Keyword(s) were converted to uppercase
         _ Compose                C - Name was converted to uppercase
         _ Connect


   Mark _ to display only corrupted records

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Menu  Quit
Complete the information above and press ENTER to continue ↵
```

Utility Parameters

Parameter	Format	Description
From Cabinet	A8	
To Cabinet	A8	Optional
From folder	A15	
to folder	A15	Optional
Wastebasket	A1	If one or more folders are marked, only items from these folders are corrected.
Outbasket	A1	See above.
Inbasket	A1	See above.
Compose	A1	See above.
Connect	A1	See above.
Display only corrupted records	A1	If marked, records are only displayed/printed i.e. they are not corrected in the database.

Output

The following action codes are returned by this utility:

A Date/time was corrected.

B Keyword(s) were converted to uppercase.

C Name was converted to uppercase.

Batch Example

Fix all corrupted objects in folder Wastebasket in cabinet ESH. This would be coded as follows:

```
LOGON SYSCNT2B
MENU
B99131 ESH,,,,X
FIN
```