

SYSMAIN Profiles

All SYSMAIN functions except the FIND function can be performed on profiles.

The profile environment specification must always correspond to the relevant DBID and FNR of the FNAT file.

This section covers the following topics:

- Profile Menus
- Processing Status
- Direct Commands for Profiles
- Profiles in Batch Mode

Profile Menus

The Profiles menu contains all of SYSMAIN functions for the processing of profiles (there are no subfunction menus for profiles):

```

18:34:24          ***** NATURAL SYSMAIN UTILITY *****          1999-11-25
User SAG              - Profiles -                               Library SYSMAIN

                                Code  Function
                                C    Copy   Profiles
                                D    Delete Profiles
                                L    List   Profiles
                                M    Move   Profiles
                                R    Rename Profiles
                                ?    Help
                                .    Exit

                                Code ..... C                      Sel. List .. Y
Profile Name ..... *_____ Type ... ____ New Name ... _____
Source Database ... 10____ File ... 32____ Name ..... _____
Target Database ... 10____ File ... 32____ Name ..... _____
Options Replace .... N

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Menu Exit Copy Del          List Move Ren Fsec          Fnate
    
```

If you leave the field Type blank or enter an asterisk (*), editor profiles, map profiles and device profiles will be processed. To process parameter profiles (as created with the SYSPARM utility), you enter a **P**.

If selective processing has been selected, a selection list is displayed. If there are more profiles in a library than can be displayed on a single screen, the additional profiles can be displayed by pressing ENTER.

Select specific profiles for processing by entering the desired options in column **C** (code) to the left of the profile name (the column contains three bytes, and the options can be entered in any order). A question mark (?) in this column invokes a window listing the options available for the specific function. These options make it possible to perform additional functions before actively processing the object.

In a profile selection list, you can enter the following options:

Process All Profiles	If option A is entered, all profile types listed in the corresponding Type column are processed.
Process Editor Profile	Option E is used to process only the editor profile, even if there are map and device profiles listed as well. If E is specified for an object which does not exist as an editor profile, an error is returned.
Process Device Profile	Option D is used to process only the device profile, even if there are editor and map profiles listed as well. If D is specified for an object which does not exist as a device profile, an error occurs.
Process Map Profile	Option M is used to process only the map profile, even if there are editor and device profiles listed as well. If M is specified for an object which does not exist as a map profile, an error is returned.
Process Parameter Profile	Option P is used to process only the parameter profile (as created with the SYSPARM utility).
List Parameter Profile	Option L is used to display the contents of the parameter profile.

Processing Status

After the individual profiles have been selected on the selection list, they are processed by SYSMAIN and an appropriate message is displayed in the message column.

Message	Explanation
Exit: <i>nnn</i>	A user exit routine was active and a non-zero return code was returned by the exit (<i>nnn</i> = the return code); function not completed. See also User Exits.
Dev exists	Replace option was set to N and a device profile already exists in the target environment; all profiles with this name are rejected.
Map exists	Replace option was set to N and a map profile already exists in the target environment; all profiles with this name are rejected.
Edt exists	Replace option was set to N and an edit profile already exists in the target environment; all profiles with this name are rejected.
Replaced	Replace option was set to Y and the target profile was deleted before the COPY, MOVE or RENAME function was completed.
Not Replaced	Replace option was set to N and a profile with the same profile name already exists in the target environment; function not completed.
Not Found	An error in the update logic occurred during processing and the requested profile could not be found; implies that profile was deleted during interim between selection and update.

Direct Commands for Profiles

The direct command syntax for processing of profiles is shown in this section. (Since the *where-clause* and *with-clause* syntax are identical for each command, they are only shown once with the COPY and MOVE command syntax below.)

COPY and MOVE Direct Command Syntax

```
{ COPY  
MOVE } PROFILE name [with-clause] FM [where-clause] TO [where-clause]
```

where-clause

```
[WHERE] [DBID dbid] [FNR file-nr] [NAME name]  
[CIPHER cipher] [{ PASSWORD  
PSW } pass word]
```

with-clause

```
[WITH] [TYPE type] [REPLACE] [HELP] [RCOP] [MON]
```

Examples:

```
COPY PROF USER1 TYPE E FM DBID 1 FNR 5 TO DBID 2 FNR 5
COPY PROFILE USER TYPE MED REP FM FNR 6 TO FNR 7
COPY PROF USER1 TYPE P FM DBID 10 FNR 44 TO DBID 3 FNR 7
```

```
MOVE PROF USER1 TYPE E FM DBID 1 FNR 5 TO DBID 2 FNR 5
MOVE PROFILE USER1 TYPE MED REP FM FNR 6 TO FNR 7
```

DELETE Direct Command Syntax

```
DELETE PROFILE name [IN [where-clause]] [with-clause]
```

Examples:

```
DEL PROF U* TYPE DM
DEL PROF TEST* IN DBID 177 FNR 205
```

LIST Direct Command Syntax

```
LIST PROFILE name [IN [where-clause]] [with-clause]
```

Examples:

```
LIST PROF USER* IN DBID 1 FNR 5
LIST PROF DT* TYPE E
```

RENAME Direct Command Syntax

```
RENAME PROFILE name AS new-name
                        [IN where-clause]
                        [TO where-clause] [with-clause]
```

Examples:

```
R PROFILE USER1 AS USER2 RCOP
REN PROF USER1 AS USER2 DBID 1 FNR 4 TO DBID 1 FNR 5
REN PROF USER1 AS NEWUSER IN FNR 4 TO FNR 5 REPLACE RCOP
```

Profiles in Batch Mode

Direct commands must be used to process profiles in batch mode.

A report is provided to show the status of profiles processed in batch mode.

Note:

By using Online Report Mode, you can obtain the SYSMAIN batch report online. If required, you can also obtain a hardcopy of the report using the %H option.

