

# Users

This section covers the following topics:

- What are Users?
  - Default User ‘\*\*\*\*\*’
  - User Profile
  - Listing Users
  - User IDs
  - Adding Users
  - Modifying Single Users
  - Modifying Multiple Users
  - Copying Users
  - Deleting Users
  - Importing Users
- 

## What are Users?

Each Super Natural user has a user ID and a user profile. User profiles consist of settings for options, files, profile and layout. These settings influence the appearance of screens, and many technical details concerning the environment, output and processing of transactions.

You can adapt the settings for each user of Super Natural to suit his or her individual requirements. You can either use the settings in the default user profile \*\*\*\*\* or change each setting individually. You can also change all users at once.

**Note:**

A user must be authorized to use at least one library.

You can perform the following commands on the object user:

	ADD	MODIFY	COPY	DELETE	IMPORT	MULTIMOD
User	X	X	X	X	X	X

## Default User \*\*\*\*\*

Software AG supplies a default user profile with the user ID \*\*\*\*\* with Super Natural (known as global options in previous versions). When you define a user, the default user profile of user \*\*\*\*\* is copied to the user ID you have specified.

You can not delete the default user.

## Modifying the Default User

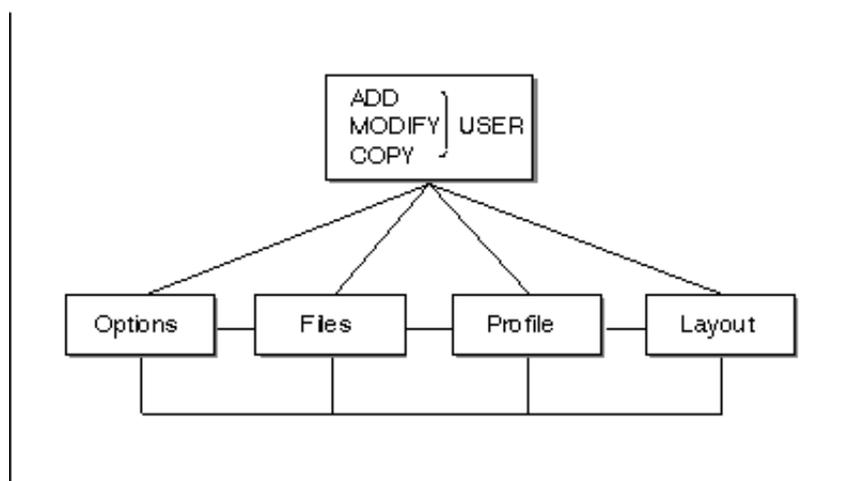
You can modify the default user \*\*\*\*\* supplied by Software AG to suit the needs at your site.

When you add or import the next user, any modifications you have made to the options and file list of the default user are copied to the user ID you have specified. The standard profile and layout settings provided by Software AG are always copied to new users created with the Add or Import functions.

When you create a new user by copying the default user, any modifications you have made to the default user's profile and layout are copied to the user ID you have specified in addition to the modified options and file list.

## User Profile

The Super Natural user profile settings are organized into four groups of equal status as shown in the following diagram:



## Listing Users

▶ To obtain a list of users currently defined to Super Natural:

- Issue the USER command.

Or:

Select the object User from the Administration Menu.

The User List screen appears:

```

13:57                      ***** Super Natural *****                      1999-05-21
                                - User List -                                SNMUL
                                                                More:      +

      Cmd  User ID  Files  Maintenance
      *-----*
      ___ *****      1      N
      ___ A          1      N
      ___ AA         1      N
      ___ AA1        17     N
      ___ AA2        17     N
      ___ AA3        17     Y
      ___ AA4        18     N
      ___ AA5        17     N
      ___ AA6        17     N
      ___ AA7        17     N
      ___ AA8        16     N
      ___ AA9        15     N
      ___ AA91       16     N
      Add  _____
Cmd(s): Add, Modify, Copy, Delete
Select one command from list
Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help      Exit      Flip      +      Canc

```

The User List screen shows the following:

- List of the users defined to Super Natural
- The number of files each user can access
- Whether each user is authorized as an administrator.

## User IDs

Before you can add a user, you must decide which user ID to give him. The user IDs you can allocate depend on whether you are running Super Natural under Natural Security or not.

### Super Natural with Natural Security

#### To use Super Natural with Natural Security

- Use the user's Natural Security logon ID.

You can not override this.

**Note:**

If you import a user whose Natural Security logon ID is longer than 7 characters, it is truncated.

## Super Natural without Natural Security

### To run Super Natural without Natural Security

- Use the user's TP monitor user ID.

Or:

Use another ID of up to 7 non-blank characters.

In this case, a screen appears which asks you to enter an ID valid only for Super Natural. User IDs created like this are not password-protected. Each time the user accesses Super Natural, a logon screen appears where he must enter his Super Natural user ID.

## Adding Users

### To add a user:

- Issue the `ADD USER user-ID command`.

Where *user-ID* is the ID of the new user.

The default user `*****` is copied to the user ID you specified and the Modify User >Options screen appears. You can now modify the default user settings for the user you have created. For further information, see Modifying Single Users .

**Note:**

Natural Security users can also use the Import User function to define users to Super Natural.

## Modifying Single Users

### To modify a user:

- Issue the `MODIFY USER name command`.

The Modify User >Options screen appears:

```

17:23          ***** Super Natural *****          2000-06-16
POR          - Modify User POR >Options -          SRMUMO

      _ Maintenance Authorization / Language / Prefixes
      _ Sizes / Numbers / User Files

      _ Database Access
      _ Database Access and JCL

      _ Data Maintenance Transaction Type / Data Selection
      _ Report Type / Report Level
      _ Report Destination / Run Mode / Batch Job Entry

      _ Service Generation Options
      _ Display Options

>Files    >Profile  >Layout
Mark function(s) or select by cursor
Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help          Exit          Flip          Canc
4AÂ|          22,015

```

You can either modify the user options or select one of the following setting groups using > Navigation:

- File
- Profile
- Layout

**Note:**

For information on navigating between profile setting groups, see Navigating Between Profile Setting Groups.

 **To modify a user default setting:**

1. Overtyping it.
2. Press Enter.

**Note:**

Users must restart their Super Natural sessions before your modifications are valid. Your modifications are valid for all new transactions but not for existing ones.

## Options

When you choose >Options, the Modify User >Options screen appears.

 **To modify user options:**

1. Mark the group(s) of options you want to modify.
2. Press Enter.
3. Overtyping existing entries as required.
4. Press Enter.

You can modify the following user options:

**Note:**

Options which the user can modify her or himself are marked with an asterisk (\*) in the following list.

### Maintenance Authorization / Language / Prefixes

Option	Description
Authorized for Maintenance	"Y" indicates that the user will be a Super Natural administrator. "N" indicates that the user will not be a Super Natural administrator. Default value = N
Language Code*	Indicates the language to be used for error messages, text constants, screens, help texts and commands. For example, "1" indicates English and "2" indicates German. Default value = 1. If Super Natural is available in one language only, the Language Code setting in all user profiles must indicate this language.
Private Library	"Prefix:" Super Natural assigns a prefix to the ID of each private library. If you leave the prefix blank, the user will have no private library and will be offered a choice of the public or common libraries he is authorized to use when he logs on to Super Natural. If he is not authorized to use any public libraries, the user can choose which common library he wants to access. Default value = Y. You can not assign the same default prefix to private and public libraries.
Public Libraries	"Prefix:" Super Natural assigns a prefix to the ID of each public library. If you leave the prefix blank, the user will not be authorized to use public libraries. Default value = Z
Common Libraries	"Prefix:" The common library prefix is assigned in SPPARM when Super Natural is installed and can not be modified here. Default value = C (non-modifiable)
Transaction Programs	"Prefix:" Super Natural assigns a prefix to the ID of each transaction program. Default value = I. Max. "Numbers:" The maximum number of transactions permitted within a private library. Default value = 999
Layouts	"Prefix:" Each transaction has a layout member with the name layout-prefix transaction-name. The layout member is in copy code. The layout prefix is assigned in SPPARM when Super Natural is installed and can not be modified here. Default value = L (non-modifiable)
Prototype Programs	"Prefix:" Super Natural assigns a prefix to the ID of each prototype program. Default value = X. Max. "Numbers:" The maximum number of prototype programs permitted within a user library. Default value = 35
Application Programs	"Prefix:" Super Natural assigns a prefix to the ID of each application program. Default value = A. Max. "Numbers:" The maximum number of application programs permitted within a user library. Default value = 35. Other Applications access: If you leave the program prefix for applications blank, users are not able to access Application Programs. Therefore there is no entry Application Programs on the Menu.
Data Models	"Prefix:" Super Natural assigns a prefix to the ID of each data model. Default value = M. Max. "Numbers:" The maximum number of data models permitted within a user library. Default value = 35

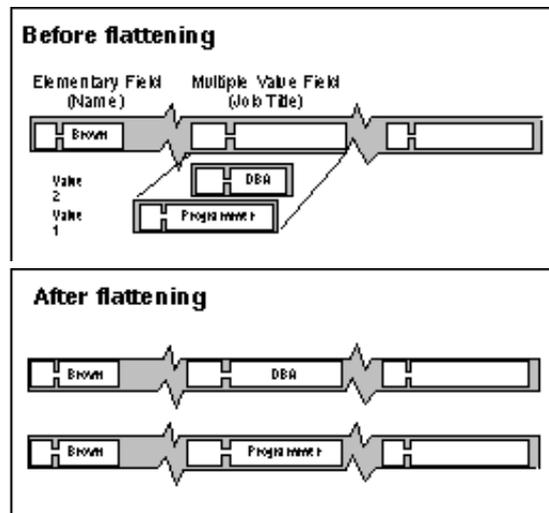
## Sizes / Numbers / User Files

Option	Description
Online Screen Size*	Determines the screen size to be used when producing reports using Online Run mode. "Depth:" The number of lines. Default value = 24 The depth may not exceed the physical screen size of the terminal. "Width:" The width must exceed the display field length by at least 1.
Printer Page Size*	Determines the page size to be used when producing reports using Run Mode BATCH or Destination PRINTER. "Depth:" The number of lines. Default value = 60 The depth may not exceed the physical page size of the batch printer. "Width:" The number of characters per line. Minimum value = 80 Maximum value = 250 Default value = 132 The width must exceed the display field length by at least 1.
Logical Printer Number*	Number of the printer to be used for report/logging destination PRINTER. There are separate settings for ONLINE and BATCH Run Mode.
Work File Number*	"Read:" Work file number from which data is to be received in data selection mode WORK FILE. "Write:" Work file number to which data is to be sent with report destination WORK FILE.
Personal Computer Number*	"Read:" Personal computer number from which data is to be received in data selection mode PC. "Write:" Personal computer number to which data is to be sent with report destination PC.
User File Adabas Database ID	Database ID (DBID) of the physical Adabas file to be used as the Super Natural personal database for user files. For Natural Version 2.2 or Version 2.3 under Adabas Version 5, the range is 0 - 254. For Natural Version 2.3 under Adabas Version 6 the range is 0 - 65535 Default value = zero . Do not enter a database ID if you think you may want to change it in the future. You can not change the database ID for existing transactions!
User File Adabas File Number	File number (FNR) of the physical Adabas file to be used as the Super Natural personal database for user files. For Natural Version 2.2 or Version 2.3 under Adabas Version 5, the range is 1 - 255 For Natural Version 2.3 under Adabas Version 6 the range is 1 - 5000. The value zero indicates that no user file is defined for the current user.
User File DDM Prefix	Super Natural assigns a prefix to the name of each file created by a user. Default value = UF .
Maximum Number of User Files	The maximum number of user files permitted per user. Default value = 255 .
User File Retention Period	Time limit for user files in years, months and days. User files are deleted when they have existed for the time specified in this option. Default value = blank (no time limit defined).

## Database Access

Option	Description
Multi-File Transaction Allowed	"Y" indicates that multiple-file transactions are allowed. "N" indicates that multiple-file transactions are not allowed. Default value = N .

Option	Description
Physical Read Allowed	"Y" indicates that a physical read of an entire file is allowed if required by the transaction's selection criteria in Online Run mode. "N" indicates that a physical read of an entire file is not allowed. There are separate settings for Online and Batch Run mode. Default values = Y. This option must be set to "N" for DL/ I files.
Non-Descriptor Criteria Allowed	"Y" indicates that a transaction may use selection criteria that contain non-descriptors, i.e., fields that have not been defined as key fields. "N" indicates that the transaction may only use selection criteria comprised of key fields. There are separate settings for Online and Batch Run mode. Default values = Y .
Maximum Number of Criteria	The maximum number of criteria permitted within a transaction. There are separate settings for online and batch run mode. Default values = 99
Display Values For Key Fields Allowed	"Y" indicates that the user can use the Values for Key Fields functions which is available from the Information column of the Worksheet. "N" indicates that the user may not use the Values for Key Fields function. Default value = N .
Processing Sequence*	Used to control the order in which the following are processed: File look-up (F), Calculations (C), Logical conditions (L), inter-field Arithmetic (A), external Sort (S) and Updating records (U) during transaction processing. Default sequence = FCLASU .
Flatten Repeating Fields*	Specifies when the individual occurrences of multiple-value fields or fields contained in a periodic group should be presented as individual records when changing data for a report or updating data." B" indicates flattening before processing : When you run a data maintenance or data change transaction using this option, Super Natural displays a flattened version of the selected data for editing. The occurrences of periodic groups are presented one at a time as individual records which you can update or change. Once you have updated or changed a record, you are shown how it will be output (still in flattened form) before moving on to the next record. "A" indicates flattening after processing (only available for data change): when you run a data maintenance or data change transaction using this option, Super Natural displays a continuous list of the selected data for editing. All occurrences are numbered. Once you have updated or changed a record, you are shown how it will be output before moving on to the next record The data is flattened and each occurrence is displayed as a separate record. "blank" indicates that no flattening is to be performed: when you run a data maintenance or data change transaction using this option, Super Natural displays a continuous list of the selected data for editing as for flattening after processing. Once you have updated or changed a record, you are shown how it will be output before moving on to the next record. The data is not flattened. Default value = blank



Option	Description
System Functions per Outer Loop*	Defines the evaluation of system functions used for control break processing when two files have been linked for the transaction. "Y" indicates that system functions are to be evaluated for all records found in the primary file (outer loop). "N" indicates that system functions are to be evaluated for all records found in the secondary file (inner loop). Default value = N . The above is only relevant if two files are linked via the File Selection screen. If more than two files are linked via the Lookup function (1:n), system functions are processed per outer loop.
Adabas Sorting Allowed	"Y" indicates that the Adabas internal sort feature may be used for a transaction that contains sort criteria comprised of one to three key fields. "N" indicates that the Adabas internal sort feature may not be used. Default value = Y . There are separate settings for online and batch run mode. This option must be set to "N "for DL/ I files.
Buffer/External Sorting Allowed	"Y" indicates that a buffer or external sort feature may be used. "N" indicates that a buffer or external sort feature may not be used. Default value = Y . This option allows separate settings for online and batch run mode.

## Database Access and JCL

Option	Description
DDM Checking on Modify	"Y" indicates that each time a Super Natural transaction is modified, a check is made to see if the transaction is still consistent with the data definition module (DDM) for the file or files involved. A warning is issued when a user modifies a transaction if the DDM has been changed." N" indicates that no check is to be made. Any changes made to the DDM since the transaction was created/last modified are ignored. The default is N.
Maximum Number of Records	The maximum number of records that may be processed for a transaction. If you leave this setting blank, Super Natural will not enforce any limit on the number of records processed. This option allows separate settings for online and batch run mode. Default value = 999999 Users can reduce the maximum number of records to be read for test purposes by changing the transaction option Number of Records to be Read using the OPTIONS command for each transaction separately.
Maximum Report Pages	The maximum number of pages permitted for a transaction report. This option allows separate settings for online and batch run mode. Default values = 9999
Adabas Password	If an Adabas file which is security protected is to be available to Super Natural transactions, the password for the file must be provided. See the <i>Adabas Security documentation</i> for additional information on Adabas security.
Adabas Cipher Code	If an Adabas file which is ciphered is to be available to Super Natural transactions, the cipher code for the file must be provided. See the <i>Adabas Security documentation</i> for additional information on Adabas ciphering.
JCL ID	Any user-given name. By default, each JCL/JCS member is stored in the library ZJCL. Default value = JCL01

## Transaction Mode Settings

The following groups of settings concern the user's transaction modes for data maintenance and for reporting:

- 
- Data Maintenance Transaction Type / Data Selection
-

Data Change / Report Type / Report Level



Report Destination / Run Mode / Batch Job Entry

▶ **To authorize the user to use a mode:**

- Enter "Y" next to the entry.

▶ **To prevent the user from using a transaction type:**

- Enter "N" next to the transaction type entry.

▶ **To define the user's default for each group of transaction modes:**

- Enter the corresponding character in the Default field.

## Data Maintenance Transaction Type / Data Selection

### Data Maintenance Transaction Type:

**Note:**

The data maintenance functions are intended for use on user files only, not on production or *live* data.

Transaction Mode	Description
Reporting (I)	Allows the user to execute reporting transactions.
Add Records (A)	Allows the user to add records to a file (corporate file or user file) provided the corresponding authorization level has been assigned for the file to be used.
Update Records (U)	Allows the user to update records in a file (corporate file or user file) provided the corresponding authorization level has been assigned for the file to be used.
Delete Records (D)	Allows the user to delete records from a file (corporate file or user file) provided the corresponding authorization level has been assigned for the file to be used.
Edit Data (E)	Allows the user to use the data editor for updating records. Default mode setting = I

### Data Selection:

Transaction Mode	Description
Full-Screen (F)	The user can enter selection criteria using the Selection Editor.
SQL Select (S)	Users of DB2 and SQL/DS can access the SQL SELECT Editor to write SQL SELECT statements. Super Natural does not check whether Natural DB2 is installed. If Natural DB2 is not installed, the user can still access the SQL SELECT Editor and write SELECT statements. However, when you CHECK, RUN or SAVE the transaction a Natural syntax error occurs (even if the syntax would be correct for SQL).
Data from Work File (W)	Allows the user to read data from a work file.
Data from PC File (P)	Allows the user to read data from a PC file. Default mode setting = F

## Data Change/Report Type/Report Level

### Report Data Change Mode

Transaction Mode	Description
Map (M)	The user can use an automatically generated map to change data for a report. Data stored in the file or database is not affected by this change mode. For example, the user can use this mode to modify data before sending it to a user file or a printer.
None (N)	Data may not be changed for a report. Default mode setting = N

### Report Type

Transaction Mode	Description
List (L)	Report data is displayed with a title (optional) and column headers.
Vertical List (V)	The report is displayed vertically (one or more pages per record).
Table (T)	The report is displayed in tabular form.
Con-Nect (C)	The report is processed by Con-Nect. Default mode setting = L

### Report Level

Transaction Mode	Description
Detail (D)	"Y" indicates that all output is desired.
Summary (S)	"Y" indicates that only the information that results from a control break is shown in the report. If no system functions are defined at control breaks, the records found are counted. Default mode setting = D

### Logging

Transaction Mode	Description
Data Maintenance Logging	The logging mode for data maintenance transactions can be set to the following values: "Y" indicates that the logging option for data maintenance transactions is enabled and set to the default value Y. "N" indicates that the logging option for data maintenance transactions is enabled and set to the default value N. "P" indicates that the logging option for data maintenance transactions is disabled and no logging can be specified by the user. "F" indicates that the logging option for data maintenance transactions is always performed.

### Report Destination / Run Mode / Batch Job entry

## Report/Logging Destination

Transaction Mode	Description
------------------	-------------

Screen (S)	Display on the user's screen.
Printer (P)	Report data is routed to a printer. Output may be routed to a printer only if Com-Plete or Natural Advanced Facilities is installed at the user site. Output may be routed to a PC only if Entire Connection is installed at the user site.
Editor (E)	Report data is written to a Natural editor source program work area. Once the output has been placed in the source program work area, the Natural editor is invoked and may then be used to edit and, if desired, to save the output in a Natural library. "Y" indicates that destination EDITOR is available. "N" indicates that destination EDITOR is not available. Default mode = N. If the EDITOR option is disabled, the user may not generate prototype programs.
Work File (W)	Report data is written to a Natural work file. If any setting other than "N" is entered, a number that represents the logical identification of the sequential work file must be defined as described in the section Setting Global Options. Be sure to check whether your environment supports the use of work files. See <i>Natural Installation and Operations documentation</i> for further information on the usage and assignment of sequential work files.
PC File (F)	Report data is transferred to a Personal Computer (PC). If any setting other than "N" is entered, a number that represents the logical identification of the personal computer must be defined as described in the section <b>Setting Global Options</b> . This feature is only supported if Entire Connection is installed at the user site. The connection between the host and the PC must be activated by entering "%+".
User File (U)	The transaction data is written to a user file, that will be generated automatically during transaction execution. The use of the user file feature is only supported if Adabas is installed at the user site.
Con-Nect (C)	The report is written as a document to a Con-Nect system folder where it can be processed using Con-Nect. The use of this feature is only supported if Con-Nect is installed at the user site. Default mode setting = S

## Run Mode

Transaction Mode	Description
------------------	-------------

Online (O)	ONLINE run mode permits the creation and execution of transactions from an online terminal. "Y" indicates that online mode is available. "N" indicates that online mode is not available. The default is Y .
Batch (B)	BATCH run mode may be used to submit a transaction for execution in batch mode using a remote job entry facility. "Y" indicates that batch mode is available." N" indicates that batch mode is not available. Default mode setting = Y

## Batch Job Entry

Transaction Mode	Description
------------------	-------------

RJE available	Super Natural transactions may be submitted for batch mode execution if the Natural RJE facility is available at the user site. "Y" indicates that remote job entry is available." N" indicates that remote job entry is not available, i.e. a transaction for batch execution may be created but not submitted. Default mode setting = N.
---------------	--

## Service Generation Options

Option	Description
--------	-------------

Service Type	Here you can define which service generation is allowed: "N" No service generation is allowed. "R" RPC Service is allowed.
Generation Mode	Here you can define which generation mode is used. "C" Context: A context area is defined where all data is stored. The client reads the data side by side. Thereby the 30K limit can be exceeded. "D" Direct: All data sets are read out directly. If there are more result sets than the 30K limit allows, you receive a hint for the further data
Library Type for Service Objects	Defines in which kind of library the service objects are stored. "S" Super Natural Library: The service object is stored in the same library as the transaction and receives the same name as the transaction but with the prefix defined for prototyping. It is not necessary to fill in the field Library Name. "N" Specific Natural Library You have to specify the library name (in the field Library Name for type N) where the service objects are stored. Here, the service object name and the transaction name are identical. "F" Free: The user can choose the library and object name without any restrictions.

**Note:**

Setting the library type is important to meet the requirements of the RPC logon feature that is set on the client side. For further information see section Create Client Side Parameters.

## Display Options

Option	Description
Display Occurrences (MU)*	Here you can define which range of occurrences is to be displayed for a field defined as a multiple-value field. You can define a start value and an end value. Default values = 1 .
Display Occurrences (PE)*	The default number of occurrences to be displayed for a field contained within a periodic group. You can define a start value and an end value. Default value = 1 .
Suppress Empty Lines*	"Y" indicates that each empty line on a transaction report is to be suppressed." N" indicates that empty lines are not to be suppressed. Default value = N .
Suppress Identical Values*	"Y" indicates that each identical line on a transaction report is to be suppressed. "N" indicates that identical lines are not to be suppressed. Default value = N .
Suppress Zero Values*	"Y" indicates that a value of zero for a field is to be suppressed on the transaction report. "N" indicates that zero values are not to be suppressed. Default value = N .
Suppress Numeric Sign*	"Y" indicates that the sign of a numeric field is to be suppressed on the transaction report. "N" indicates that the signs of numeric fields are not to be suppressed. Default value = N .
Heading Width Override*	"Y" indicates that Super Natural may truncate headers on the transaction report if it is necessary to do so in order to prevent a line overflow condition. "N" indicates that header truncation may not be performed. If "N" is specified, a screen appears when the headers are too long where the action to be taken can be entered. Default value = N .
Map Filling Character*	Characters chosen to differentiate between alphanumeric and numeric fields in transactions generated for adding or updating data or for reporting using the Data Change mode MAP. Default value for alphanumeric fields = _ Default value for numeric fields = .

## Files

When you choose >Files, the Modify User >Files screen appears:

```

13:59                ***** Super Natural *****                1999-05-21
                        - Modify User SBE >Files -                SRMUMF
                                                More:   - +
Cmd  File Name                Access  Password
  *
  ___ SAG-TOURS-E-CH-PRICES      R
  ___ SAG-TOURS-E-COMPANY        R
  ___ SAG-TOURS-E-CONTRACT       D
  ___ SAG-TOURS-E-CRUISE         R
  ___ SAG-TOURS-E-PERSON         R
  ___ SAG-TOURS-E-YACHT          R
  ___ SUE-SUPER                  D
  ___ SUE1                        D          <
  ___ SUPER                       R
  ___ UF-SBE-NEW                   F          <
  ___ UF-SBE-SAMPLE4              F
Add  _____                Add Multiple: _

>Options  >Profile  >Layout
Cmd(s): Add, Modify, Delete
File deleted from file list
Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help      Exit      Flip      +      Canc

```

The Modify User Files screen displays the following:

- 
- Files which the user can access
- 
- Code for the data access level the user has for each file
- 
- Whether the user has an Adabas password for password protected files.

You use the Modify User >Files screen to link a user to (give him/her authorization to use) a file or to modify or delete existing links.

### Adding / Linking Single Files to a User

#### ▶ To add (link) a single file to a user:

1. Issue the ADD *file-name* command.

where *file-name* is the name of a file defined to Super Natural.

To obtain a selection list of files defined to Super Natural, use the Add Multiple File function.

The Add/Modify Link to File window appears:

```

13:59                ***** SUPER NATURAL *****                1993-05-21
                - Modify User SUEZ >Files -                SRHUMZ

Cmd  File Nam +-----Add/Modify Link to File-----+
x-----:!:
-- SAG-TOUR : File name ..... SAG-TOURS-E-CONTRACT :!
-- SAG-TOUR : :!
Mo SAG-TOUR : Access ..... D :!
-- SAG-TOUR : :!
-- SAG-TOUR : Password rat .. :!
-- SAG-TOUR : Password ..... :!
-- SUE-SUPE : :!
-- SUE1 +-----:!
```

2. Determine the user's access level to the file by typing one of the following codes in the Access field:

File Access Code	Description
R	Read only
U	Update (includes read). The user can update existing records in this file. Not available under Natural Security.
A	Add (includes update). The user can add new records to this file. Not available under Natural Security.
D	Delete (includes add). The user can delete records in this file.
F	If an F is entered in the Access field, the file is a user file created by the user you are modifying. All data maintenance functions are available (read, add, update and delete). For further information on user files, see User Files.



▶ **To modify entries in the file list:**

1. Issue the MODIFY *file-name* command.

The Add/Modify Link to File window appears.

2. Modify the file access code (optional).

If the Password Set field is marked, a password is already defined for the file. You can either change or delete the password.

3. Type a new password in the Password field to change the current password (optional).

Or:

Type blanks in the Password field to delete the current password (optional) and press Enter.

The user is now authorized to use the file at the access level specified.

## Deleting Links to Files

You can delete the link from a user to a file, the access code and Adabas password for files the user is already authorized to use.

▶ **To delete a file from the file list:**

1. Issue the DELETE *file-name* command.
2. Confirm the deletion in the window which appears.

The user is no longer authorized to the file named.

## Profile

When you choose >Profile the Modify User >Profile screen appears:

```

14:02                ***** Super Natural *****                1999-05-21
                        - Modify User SBE >Profile -                SRMUMP

        _  Screen Colors

        _  Screen Defaults

        _  Date/Time Formats

        _  PF-Key Settings

        _  Checklist

>Options >Files >Layout
Mark function(s) or select by cursor
Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
        Help           Exit           Flip           Canc

```

The User >Profile screen is a reduced version of the Modify Profile screen in the Super Natural Processor.

### Screen Colors \*

Determines the user's default screen colors. On the left-hand side of the Screen Colors window there is a list of the field types and screen areas which can be colored individually with their current color code settings. The right-hand side shows a list of the colors available with their color codes.

If you mark the 'Mark for Default' field and press Enter, you return to the default settings supplied by Software AG.

### Screen Defaults \*

#### Message Line Position

Determines the message line position. There are three choices:

- ISA (above the command line)
- TOP (at top of the screen)
- BOT (at bottom of the screen)

#### Header Line Variables

Determines the position of the date, time, program name, object and day within the Super Natural header.

## Hello Screen

The Hello screen is the screen which welcomes you to Super Natural. You can choose to switch this screen off.

## Default Entry Menu

Determines which of the following screens appears after the Hello screen when the user enters Super Natural:

- Main Menu
- Transaction List screen
- Prototype Program List screen
- Model List screen
- Spreadsheet List screen
- Application List screen
- User File List screen.

## Time and Date Formats \*

### Time Format

Determines how the date and time are displayed. You can choose to display the time either in 24 hour format e.g. 17.30 or in am/pm format e.g. 5.30 pm.

### Time Delimiter

Determines the time delimiter (the character which comes between the hours and the minutes when a time is written). You can choose which character you want to use as the time delimiter.

### Date Format

Determines how the date is displayed. You can choose to display the date in any format you wish. The following are some examples of dates in different formats and with different delimiters:

American	MM/DD/YY
European	DD/MM/YY
German	DD.MM.YY
International	YY-MM-DD
Date in format	YYYYMMDD

### PF Key Settings \*

Determines the PF key display format. You can choose between ISA format, SAA format and action bar format.

### Checklist \*

Determines whether the user is to use the Automatic Checklist function by default and at which level.

## Layout

When you choose >Layout, the Profile Menu appears. You are now using the Modify User Profile *user-id* part of the product Natural Report Manager.

#### Note:

You can not issue the PROC command from Natural Report Manager.

#### To specify the Layout

1. Mark Layout Options.
2. Press Enter.

The Layout Options: Screen Handling screen appears as in the following example:

```

14:03                *** Natural REPORT MANAGER ***                1999-05-21
Layout                - Modify User Profile SBE -                    NRMPROA
                                                                More:      +

Layout Options: Screen Handling

  Layout overview as default ..... X

  Layout element literals on right side ..... X

  Layout Element Sorting (Choose one)
    No sorting decided ..... _
    Manual sorting via command ..... _
    Automatic sorting after every modification .. X

  Layout Editor Screen State (Choose one)
    Full screen without PF-Keys ..... _
    Full screen with PF-Keys ..... X

You are on the first page.
Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help      Exit      Flip      +      Tech      Canc
    
```

You can modify the following options:

Option	Description
Layout overview as default	If you mark this field, the Layout Overview screen is the first screen the user will see when he invokes Natural Report Manager. If you leave this field blank, the Layout Editor (split screen) appears with all elements in the edit area.
Layout element literals on right side	If you mark this field, layout element literals (the Type column) appear on the right-hand side of the Layout Editor edit area. If you leave this field blank, layout element literals (the Type column) appear on the left-hand side of the Layout Editor edit area.

## Layout Element Sorting

### To specify the Layout Element Sorting

- Mark one of the following options:

Option	Description
No sorting decided	Layout elements are shown in the Layout Editor in the order they were defined. The elements appear in logical order when the report is run.
Manual sorting via command	The user can issue the SORT command to sort layout elements into logical order in the Layout Editor.
Automatic sorting after every modification	Layout elements are sorted into logical order in the Layout Editor when the user presses . Default Value: Automatic sorting

## Layout Editor Screen State

### To specify the Layout Editor Screen State

- Mark one of the following options:

Option	Description
Full screen without PF keys	When the user invokes the Layout Editor full screen, the PF key line is replaced by two extra editor lines.
Full screen with PF keys	When the user invokes the Layout Editor full screen, the PF key line is displayed. Default Value: Full screen with PF keys

## Delimiter

When you page forwards, the following screen appears:

```

14:03          *** Natural REPORT MANAGER ***          1999-05-21
Layout          - Modify User Profile SBE -          NRMPROC
                                                    More:  -

Layout Options: Delimiter

      Class      Attribut   Color      Delimiter
Text____  Default_   _____ Blank
Text____  Intens._   _____ -
Output__  Default_   _____ (
Output__  Intens._   _____ )
_____
_____
_____
_____
_____
_____
_____
_____

You are on the last page.
Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help      Exit      Flip -      Tech      Canc
    
```

You can create delimiters for the user to use in the Layout Editor using the following columns.

**Column Description**

---

Class	The following classes are available Text Output Only
Attribute	The following attributes are available: Italic/Cursive Normal (default) Intensified Not displayed (for passwords etc) Underlined Reverse video Dynamic (not available)
Color	The following colors are available: Blue Green Neutral Pink Red Turquoise Yellow
Delimiter	Use special characters as delimiters to represent the combinations of class, attribute and colors you have specified.

## Modifying Multiple Users

The Modify Multiple Users function is available from the Special Services menu. For further information, see Modifying Multiple Users in **Special Services**.

## Copying Users

 **To copy a user:**

- Issue the COPY USER *source-user-id target-user-id* command.

A new user is created with the general options, file list, profile options and layout options of the source user.

## Deleting Users

 **To delete a user:**

1. Issue the `DELETE USER user-id` command.
2. Confirm the deletion in the window which appears.

## Importing Users

When Super Natural is operating under the Natural Security system, you can use the Import User function instead of the Add User function to define users.

The Import User function is listed on the Special Services menu. For further information, see Importing Users in **Special Services**.

