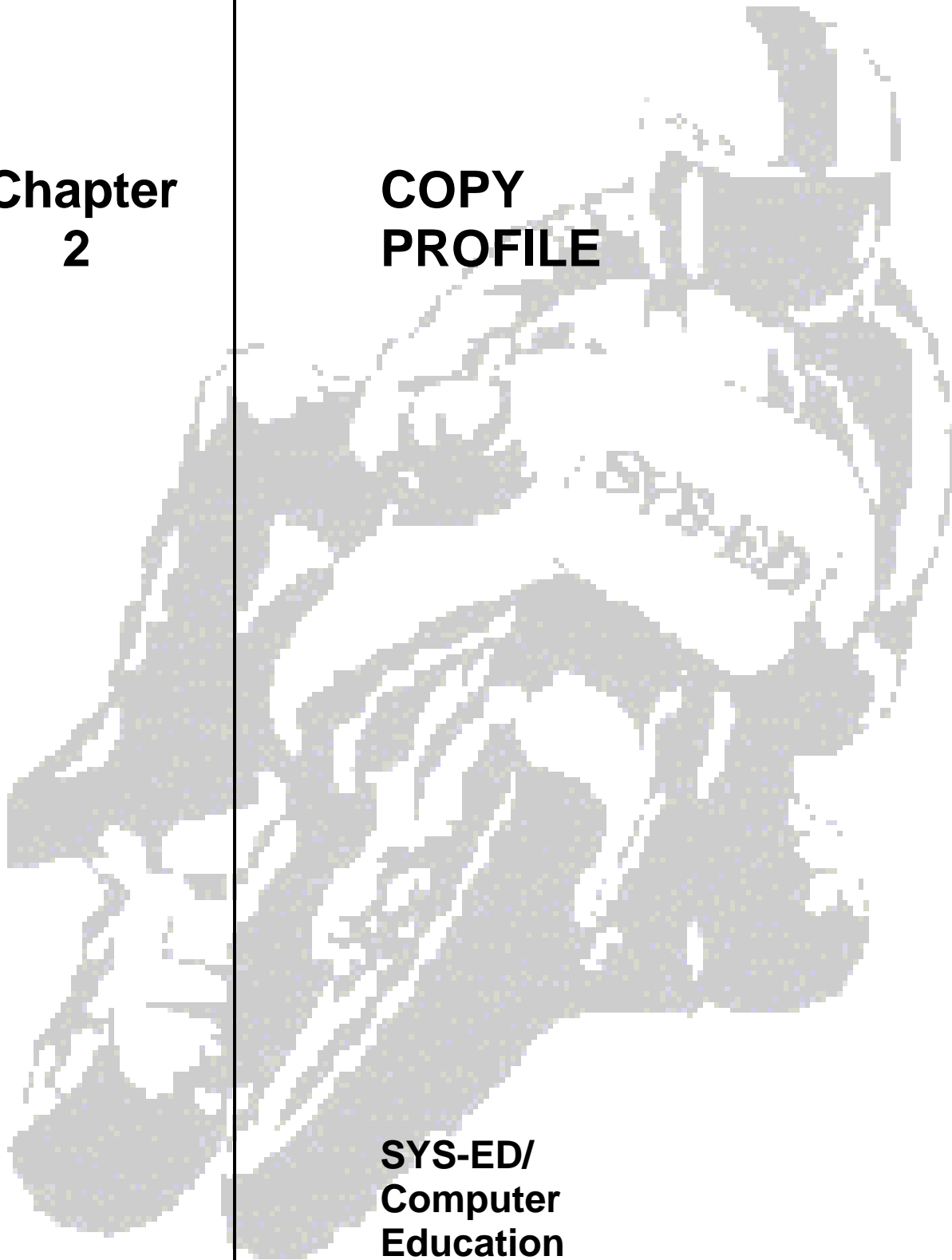


**Chapter
2**

**COPY
PROFILE**



**SYS-ED/
Computer
Education
Techniques, Inc.**

Objectives

You will learn:

- RDX profile.
- SITE to USER profile.
- USER profile.
- How to edit a profile's session and batch defaults.
- How to edit a profile's extract defaults.
- How to edit a profile's load defaults.

1 Option 0

The File-AID/RDX Primary Options Menu displays the current USER or SITE profile for a File-AID/RDX session. The profile sets all the default values for extract and load functions, allowing an extract or load job to be submitted as a one step process.

Option 0 is used for selecting, creating, and modifying profiles.

The "RDX Profile Screen" is displayed when Option 0 is selected from the File-AID/RDX Primary Option Menu. On this screen, the profile for which settings are to be viewed or updated is to be selected.

```
File-AID/RDX ----- RDX Profile -----
Option ==>

Primary commands: menu-number, ALL, CANCEL

Line commands: S or / to create flow through selected options.
Active Profile:
  Profile Type    ==> SITE (SITE, USER or userid)
  Name            ==> (* or blank for list)
  Description     ==> RDXQUICK - THE QUICKER SETTER UPPER

_ 1 Batch defaults - Modify session and batch defaults
_ 2 Extract Defaults - Modify extract parameter defaults
_ 3 Load Defaults - Modify load and delete parameter defaults
_ 4 Permanent File - Specify permanent file defaults
_ 5 Temporary File - Specify temporary file defaults
```

2 RDX Profile Fields

1 – Batch Defaults	Displays the Session and Batch Defaults screen where batch job parameters and job statements can be set for the current profile.
2 – Extract Defaults	Displays the Extract Defaults screen where all the extract related defaults for the current profile can be set.
3 – Load Defaults	Displays the Load Defaults screen where all the load related defaults for the current profile can be set.
4 – Permanent Files	Displays the Permanent File Defaults screen where all the default names and parameters for permanent extract and load related files for the current profile can be set.
5 – Temporary Files	Displays the Temporary File Allocation Defaults screen where the default allocation parameters for temporary extract and load related files for the current profile can be specified.

3 Select Profile Screen

The Select Profile Screen is displayed when an asterisk (*) is entered or there is a blanked out profile field of the "File-AID/RDX Primary Option Menu".

This screen is used for selecting the current profile as well as copying, renaming or deleting site or user profiles.

```
File-AID/RDX ----- Select Profile ----- Row 1 to 3 of 3
Command ==>                               Scroll ==> CSR

Profile dataset ==> SITE (SITE, USER or USERID)
                                FARDX.SITE.PROFILE

Line commands - Enter S = Select, R = Rename, C to Copy, D to Delete
- Profile - New Name - Description -----
_ RDXFLOW                RDXFLOW - FLOW THROUGH THE MENU OPTIONS
_ RDXMENU                RDXMENU - DISPLAY ALL OF THE MENU OPTIONS
C RDXQUICK              RDXQUICK - THE QUICKER SETTER UPPER
***** Bottom of data *****
```

C	Copy the profile.	If NEW NAME column blank is left blank, the Copy Profile window displays where the new profile name can be specified and profile type: USER or SITE. If an installation has restricted access authorization to the SITE profile file, the copy attempt to the SITE profile may fail.
R	Rename the profile.	Type the new profile name in the NEW NAME column and enter a new or modify the old profile description in the Description column.
S	Select the profile to be the current profile.	File-AID/RDX automatically saves the current profile when selecting another profile.
D	Delete the profile.	This will be the member name from the profile file.

4 Copying SITE To USER Profile

The "Copy Profile Window" is displayed when the C line command in the "RDX Profile Screen" is entered.

The following window is used for specifying the new profile name and description.

```
File-AID/RDX ----- Select Profile ----- Row 1 to 3 of 3
Command ==>>                               Scroll ==>> CSR

Profile dataset          ==>> SITE (SITE, USER or USERID)
                          FARDX.SITE.PROFILE

COMMAND ==>>

Copy profile RDXQUICK

Specify new profile information:

Profile type            ==>> USER (SITE or USER)
Name                   ==>> FRSAMPQK
Description            ==>> FRSAMPQK - MY FRSAMP QUICKER SETTER UPPER

Press ENTER to process, CANCEL or END to return
```

5 USER Profile: Selecting

The "Select Profile Screen" is displayed after a profile is copied to a USER profile file.

The following screen is used for selecting the profile for the current session.

```
File-AID/RDX ----- Select Profile ----- Profile(s) Copied
Command ==>                                     Scroll ==> CSR

Profile dataset      ==> USER (SITE, USER or userid)
                    TSOID01.V3R0M0.PROFILE

Line commands - Enter S = Select, R = Rename, C to Copy, D to Delete
- Profile - New Name - Description -----
S FRSAMPQK FRSAMPQK -MY FRSAMP QUICKER SETTER UPPER
***** Bottom of data *****
```

6 Profile's Session and Batch Defaults: Editing

The "Session and Batch Defaults Screen" screen is displayed when selecting Option 1 or ALL options from the "RDX Profile Screen". This screen is used for specifying the batch defaults for the current profile.

```
File-AID/RDX ----- Session and Batch Defaults -----
COMMAND ==>                                     USER Profile: FRSAMPQK

----- Locking Values and Navigation -----
Any profile value setting can be locked so that it can not be changed on the
FA/RDX function panels. Values can always be changed in the Profile function.
To LOCK a value place the cursor on the value and press the TOGGLE key.

----- Session and Batch Defaults -----
Batch Job Options:
Region size                                     ==> 8192K (nnnnK; nnM)
Include a SYSUDUMP DD in JCL                   ==> N (Y = Yes; N = No)
  (required for Abend-Aid report)
Activate TPT Trace                             ==> N (Y = Yes; N = No)
Table Progress row count                       ==> 10 (* = Object end;
  0 = None;
  nn = rows)
Increment job name                             ==> N (Y = Yes; N = No)

Job Statement Information:
==>
==>
==>
```

6.1 Batch Job Options

Option	Implementation	Description
Region size	Type 8192K.	This value should be large enough for the work.
Include a SYSUDUMP DD in JCL	Type N.	Only change to Y if Compuware's Abend-AID is installed on the current system.
Activate TPT Trace	Type N.	Set to Y only when a diagnostic tool is to be used for troubleshooting an extract.
Table Progress row count	Type 10.	During an extract File-AID/RDX will update the extract progress report every time it extracts 10 rows from an object.
Increment job name	Type N.	Set to Y only when it is necessary to increment a jobname when using this profile during the current session.
Job Statement Information	Leave blank.	Only enter job statement information when the current profile requires different job statement information than what has been defined in setup.

7 Profile's Extract Defaults: Editing – Part 1

The "Extract Defaults Screen" is displayed when Option 2 has been selected from the "RDX Profile Screen" or when exiting from "Session and Batch Defaults Screen" in flow through mode.

Use this screen to specify the extract defaults for the current profile. They will be set as the extract options when starting a new extract request with this profile.

```
File-AID/RDX ----- Extract Defaults -----
Command ==>                                     USER Profile: FRSAMPQK
                                                More: +
----- Locking Values and Navigation -----
Any profile value setting can be locked so that it can not be changed on the
FA/RDX function panels. Values can always be changed in the Profile function.
To LOCK a value place the cursor on the value and press the TOGGLE key.
----- All Extract Request Defaults -----
Extract Scope Options:
  Direct          ==> Y (Y = Yes; N = No)
  Parents         ==> Y (Y = Yes; N = No)
  Siblings        ==> N (Y = Yes; N = No)
  Indirect        ==> N (Y = Yes; N = No)

  Default detail view ==> O (N = None, O = Object,
                        R = Relationship)

  Maximum cycles   ==> * (* for no limit) LOCKED
  Maximum rows/records
    from all objects ==> * (* for no limit)
  Action at maximum count ==> Q (Q = Quiesce, S = Stop)
  Extract w/Uncommitted Reads==> N (Y = Yes; N = No)
```

7.1 Extract Scope Options

Option	Implementation
Direct	Select the direct dependents navigation path.
Parent	Select the parent navigation path.
Sibling	Select the sibling navigation path.
Indirect	Select the indirect dependents navigation path.
Default Detail View	Type O to select the Extract Scope - Object View.
Maximum cycles	Type * (asterisk) for no limit. Press PF4 (TOGGLE) to lock this field from being changed during the extract.
Maximum rows/records from all objects	Type * (asterisk) for no limit.
Action at Maximum Count	Type Q to resolve all orphan records after maximum count has been reached.
Extract w/Uncommitted Reads	Type N to disallow extracting data from DB2 objects that include Uncommitted.

Option	Implementation
Direct	Specify to extract the dependents of the driving object and their dependents.
Parents	Specify to extract parents of all extracted data to maintain the integrity of the extracted data.
Siblings	Specify to extract other dependents of the extracted parents from the same relationships.
Indirect	Specify to extract other dependents of the extracted parents from other relationships.
Default Detail View	Specify which detail extract scope view is displayed when you enter the Extract Scope display: N None does not display either of the detail extract scope panels. O Object displays the Extract Scope - Object View panel, listing all objects related to the driving object from which to extract data. R Relationship displays the Extract Scope - Relationship View panel, listing all the relationships associated with the driving object.
Maximum Cycles	Specify the number of extract cycles after which the extract process should stop. Enter a number between 1 and 99, or an asterisk (*) to specify no cycle limit.

Option	Implementation
Maximum rows/records from all objects	Specify the total number of rows to select from all objects being extracted. Specify an asterisk (*) for no maximum. Entering a value other than an asterisk in this field causes File-AID/RDX to stop processing the extract when it has extracted this number of rows whether or not all relationships have been chased completely.
Action at Maximum Count	Specify how the extract should terminate when the maximum count has been reached: Q Quiesce resolves all orphan records after maximum count has been reached. (May result in more records than the maximum count.) S Stop does not resolve possible orphan records (may extract dependent records without their parents).
Extract w/Uncommitted Reads	Specify whether File-AID/RDX should extract data from DB2 objects that include Uncommitted Reads or not.

8 Profile's Extract Defaults: Editing – Part 2

The "Extract Defaults Screen" is displayed when pressing DOWN on the Extract Defaults screen.

```
File-AID/RDX ----- Extract Defaults -----
Command ==>>                                USER Profile: FRSAMPQK
                                                More: - +
Extract w/Uncommitted Reads ==>> Y (Y = Yes; N = No)

File Options:
  Capture View DDL           ==>> N (Y = Yes; N = No)
  Capture Alias DDL          ==>> N (Y = Yes; N = No)
  Capture Synonym DDL        ==>> N (Y = Yes; N = No)
  Create File-AID/MVS XREF    ==>> N (Y = Yes; N = No)
  Create record layouts
  for DB2 objects            ==>> N (Y = Yes; N = No)
  Language                    ==>> 1 (1 = COBOL, 2 = PL/I)
  Use DB2 Image Copy          ==>> N (Y = Yes N)

----- DB2 Driving Object Defaults -----
DB2 Object Defaults:
  Default SQLID:              ==>> USER
  Convert To Upper Case?      ==>> Y (Y = Yes; N = No)

DB2 Environment:
  DB2 Subsystem                ==>> DSN
```

8.1 File Options

Option	Implementation
Capture View DDL	Specify whether the DDL for DB2 View objects should be saved in the Extract file in order for File-AID/RDX to create DB2 views for the Load process.
Capture Alias DDL	Specify whether the DDL for DB2 Alias objects should be saved in the Extract file in order for File-AID/RDX to create DB2 Alias objects for the Load process.
Capture Synonym DDL	Specify whether the DDL for DB2 Synonym objects should be saved in the Extract file in order for File-AID/RDX to create DB2 Synonym objects for the Load process.
Create File-AID/MVS XREF	Specify whether or not to create a File-AID/MVS XREF record layout cross reference file when File-AID/RDX performs the extract. File-AID/RDX will create the record layout cross reference for the data elements of the extract file.
Create record layouts for DB2 objects	Specify whether or not to create a COBOL or PL/I record layout file when File-AID/RDX performs the extract.
Language	Specifies whether the record layout will be in COBOL or PL/I format.
Use DB2 Image Copy	Specify whether File-AID/RDX should extract data from the most recent, cataloged full DB2 Image Copy or not. It requires DB2 Version 7 or above and File-AID/RDX must be executed from an authorized library. This option will only be available when the site installation has set the product option variable UIMGCPY to Yes.

8.2 DB2 Driving Object Defaults

Option	Implementation
Default SQLID	Specify the DB2 SQLID to be used during an extract using this profile.
Convert To Upper Case?	Controls whether File-AID/RDX always converts lowercase characters to uppercase for DB2 objects. If set to YES (default), it will be necessary to enclose lowercase characters in quotes to prevent conversion to uppercase. Set it to NO to allow lowercase characters. NO is recommended for DBCS mode.

8.3 DB2 Environment

Option	Implementation
DB2 Subsystem	Specify the DB2 subsystem ID for the DB2 objects to be extracted using this profile.

9 Profile's Extract Defaults: Editing – Part 3

The "Extract Defaults Screen" is displayed when pressing DOWN on the Extract Defaults screen.

```

File-AID/RDX ----- Extract Defaults -----
COMMAND ==>>                                     USER Profile: FRSAMPQK
                                                More: - +

Location                ==>>
Creator                 ==>> FRSAMP
Table Name              ==>>

Driving Object External Key File Options:
  Extract driven
  B   y external key file   ==>> N (Y = Yes; N = No)

----- Panel Customization -----
Extract Panel Flow Options:
  Default driving object type   ==>> DB2   (DB2 or MVS)
  First extract panel           ==>> S     (R = Recently Referenced;
                                         F = Saved Request File;
                                         S = Single panel extract)
  Display Extract Menu         ==>> N (   Y = display Extract Menu
                                         N = display first flow panel
                                         if you select N you must
                                         have at least one FLOW
                                         menu option below)

Extract Menu contents:

```

Option	Implementation
Location	Specify the location of the object required to drive the extract if it resides in a remote DB2 subsystem. The location to be entered must be defined in the DB2 system catalog table: SYSIBM.LOCATIONS.
Creator	Specify the authorization ID of the owner of the table, view, synonym, or alias that is to drive the extract process using this profile.
Table Name	Specify the name of the table, view, alias, or synonym that is to drive the extract process using this profile.
Extract driven by external key file	Specify Yes only when using an external key file as selection input criteria for the driving table. No is the default.
Default driving object type	Specify whether default driving object for the extract is a DB2 or MVS object.
First extract panel	Specify which panel displays first when selecting Option 2 Extract from the File- AID/RDX Primary Option Menu. R Reference List (default) F Request File S Single panel extract
Display Extract Menu	Yes will display the Extract Menu. No will bypass the display of the Extract Menu and go directly to the first FLOW panel. When specifying a Single panel extract, the MENU command for switching to the Extract Menu is disabled.

10 Profile's Extract Defaults: Editing – Part 4

The "Extract Defaults Screen" is displayed when pressing DOWN on the Extract Defaults screen.

```

File-AID/RDX ----- Extract Defaults ----- End of data
COMMAND ==>
                                USER Profile: FRSAMPQK
                                    More: -
Default driving object type      ==> DB2 (DB2 or MVS)
First extract panel              ==> S (R = Recently Referenced;
                                F = Saved Request File;
                                S = Single panel extract)
Display Extract Menu            ==> N (Y = display Extract Menu
                                N = display first flow panel
                                if you select N you must
                                have at least one FLOW
                                menu option below)

Extract Menu contents:
1 - Driving Object              ==> SHOW Place the cursor on value and
2 - Extract Scope               ==> SHOW press TOGGLE to change value.
3 - Unrelated Objects          ==> SHOW SHOW = Include on extract menu.
4 - External Key File          ==> SHOW LOCK = Hide menu choice.
5 - Selection Criteria         ==> SHOW FLOW = Include on extract menu
6 - IMS Key File               ==> SHOW and pre-select the option
7 - Extract File               ==> SHOW for flow mode navigation.
8 - Continue with Load         ==> SHOW
9 - Save Extract Request       ==> SHOW
10 - View JCL                  ==> SHOW
11 - Submit JCL                ==> SHOW

```

10.1 Extract Menu Contents

Option	Implementation
1 - Driving Object	For each of the Extract Menu options you can specify whether the menu option will be displayed, locked or its selection automatically included in the extract panel flow.
2 - Extract Scope	
3 - Unrelated Objects	Place the cursor on value in each field and press TOGGLE (PF4) to change the value.
4 - External Key File	
5 - Selection Criteria	The toggle values are:
6 - IMS Key File	SHOW Include on extract menu.
7 - Extract File	LOCK Lock menu choice.
8 - Continue with Load	FLOW Include on extract menu and pre-select the option for flow mode navigation.
9 - Save Extract Request	
10 - View JCL	
11 - Submit JCL	

11 Editing the Profile's Load Defaults

The "Load Defaults Screen" is displayed when selecting Option 3 from the "RDX Profile Screen" or exiting from "Extract Defaults Screen" in flow through mode. The screen is used for specifying the load defaults for the current profile.

```
File-AID/RDX ----- Load Defaults ----- Top of data
COMMAND ==>                                USER Profile: FRSAMPQK
```

```
More: +
```

```
----- Locking Values and Navigation -----
```

Any profile value setting can be locked so that it can not be changed on the FA/RDX function panels. Values can always be changed in the Profile function. To LOCK a value place the cursor on the value and press the TOGGLE key.

```
----- DB2 Data Defaults -----
```

Target DB2 Environment:

```
SSID                ==> DSN
Location            ==>
Creator             ==> TSOID01
Index name prefix value ==>
Index name suffix value ==> X
DB2 Load Method     ==> SQL (DB2 OR SQL)
```

Auto Create Defaults for DB2 Objects:

```
Database            ==>
Tablespace          ==>
Implicit tablespace ==> Y (Y = Yes; N = No)
STOGROUP            ==>
```

11.1 Target DB2 Environment

Option	Implementation
SSID	Type the ID of the DB2 subsystem that will be used with this profile during training.
Location	Leave blank, unless the File-AID/RDX FRSAMP training data will be loaded to a remote DB2 location.
Creator	Type creator ID in order to identify where the File-AID/RDX FRSAMP training data will be loaded.
Index name prefix value	Leave blank. If a value is specified, any DB2 index created during the load will have this prefix by default.
Index name suffix value	Unless changed during the load specification, all DB2 indexes created during the load with this profile will have this suffix.
DB2 Load Method	Type SQL.
Database	Leave blank.
Tablespace	Leave blank.
Implicit tablespace	Type Y.
STOGROUP	Leave blank.