

As Cool as ICE! Using ICETOOL with RACF Data

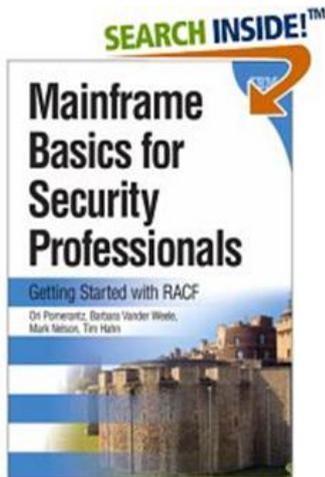
Lab Instructions

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Background

- **The “As Cool As ICE” lab demonstrates:**
 - How to unpack the RACFICE package
 - How to execute all of the RACF reports
 - How to write your own Report
- **Each of you has a user ID of the form SHARBnn**
 - “nn” is a number that I’ve assigned to your workstation
 - All user IDs have the same password (“firstpw”)
- **You will be using read-only SMF Unload and RACF Database Unload Utility output**
 - Note: NOT REAL WORLD!
- **This is a guided tour... please let your tour guide (me) know if you are having any problems.**

Step 1: LOGON

- You should be sitting at a IBM Personal Communications Manager (PCOMM) session that looks like this:

```
Enter Your Userid:  
Password:                               New password:  
Application: tso  
Application Required. No Installation Default
```

- When prompted, enter TSO as the application name

Step 1: LOGON...

- You are now connected to TSO. Enter your user ID (SHARBnn, where “nn” is a number that you have been assigned)

```
IKJ56700A ENTER USERID -  
sharb09
```

Step 1: LOGON...

- Next, you'll see the traditional TSO/E logon panel. Enter your password (which is not "firstpw"... it will be given to you by the instructor).

```
----- TSO/E LOGON -----  
  
Enter LOGON parameters below:                                RACF LOGON parameters:  
  
Userid    ===> SHARB09                                       New Password ===>  
  
Password  ===> firstpw                                       Group Ident  ===>  
  
Procedure ===> SHARE  
  
Acct Nbr  ===> SHR  
  
Size      ===>  
  
Perform   ===>  
  
Command   ===> ISPF  
  
Enter an 'S' before each option desired below:  
      -Nomail          -Nonotice          S -Reconnect          -OIDcard  
  
PF1/PF13 ==> Help      PF3/PF15 ==> Logoff    PA1 ==> Attention     PA2 ==> Reshow  
You may request specific help information by entering a '?' in any entry field
```

Step 2: Getting into your Data Set

- Next, you'll see the ISPF LOGON Panel. Enter option 3.4

```
----- SHARE ISPF 6.1 SCROLLABLE PRIMARY OPTION MENU ----- S1
OPTION  ==>  3.4

D Alternate Dialog ==> CMD(%????)
D2 Alternate Dialog ==> PANEL(????)

More:
The time is 2:33 p.m. on Thursday, July 28, 2016 (2016.210)
Your uid is SHARB09 dsn prefix is SHARB09 proc is SHARE sys is S1

0 SETTINGS - Specify ISPF parameters
1 VIEW - View source data or output listing
1P VIEW-OE - View/Browse files in the Open Edition file system
2 EDIT - Create or change source data
2P EDIT-OE - Edit files in the Open Edition file system
3 UTILITIES - Perform utility functions
3P ISHELL-OE - Open Edition ISPF shell
4 FOREGROUND - Invoke language processors in foreground
5 BATCH - Submit job for language processing
6 COMMAND - Enter TSO command, CLIST, or REXX exec
7 DIALOG TEST - Perform dialog testing
8 LM UTILITIES - Perform library administrator utility functions
9 IBM PRODUCTS - Additional IBM program development products
F1=HELP F2=SPLIT F3=END F4=RETURN F5=RFIND F6=RCHANGE
F7=UP F8=DOWN F9=SWAP F10=LEFT F11=RIGHT F12=RETRIEVE
```


Step 2: Getting into your Data Sets...

- You should see your data set for this project. Put a “e” in the comand field

```

Menu Options View Utilities Compilers Help
ssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssss
DSLIS - Data Sets Matching SHARB09.RACFICE                                     Row 1 of 1
Command ===>                                                                    Scroll ===> PAGE

Command - Enter "/" to select action                                           Message                               Volume
-----
e_          SHARB09.RACFICE.CNTL                                               SHTSO7
***** End of Data Set list *****

```

```

F1=Help    F2=Split   F3=Exit   F5=Rfind  F7=Up     F8=Down   F9=Swap
F10=Left   F11=Right  F12=Cancel

```


Step 3: Creating your RACFICE Members

- Change the two occurrences of “SHARBNN” to your user ID

```

File Edit Edit_Settings Menu Utilities Compilers Test Help
ssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssss
EDIT          SHARB09.RACFICE.CNTL(IEBUPDTE) - 01.03          Columns 00001 00072
Command ==>          Scroll ==> CSR
***** ***** Top of Data *****
==MSG> -CAUTION- Profile changed to CAPS ON (from CAPS OFF) because the
==MSG>          data does not contain any lower case characters.
==MSG> -Warning- The UNDO command is not available until you change
==MSG>          your edit profile using the command RECOVERY ON.
000100 //SHARB09I JOB  , 'UNLOAD RACFICE RPTS', CLASS=A,
000200 //          MSGLEVEL=(1,1), NOTIFY=&SYSUID, MSGCLASS=H
000300 //UNLOAD   EXEC PGM=IEBUPDTE, PARM=NEW
000400 //SYSPRINT DD  SYSOUT=*
000500 //SYSUT2    DD  DSN=SHARB09.RACFICE.CNTL, DISP=SHR
000600 //SYSIN     DD  DSN=SYS1.SAMPLIB(IRRICE), DISP=SHR
***** ***** Bottom of Data *****

```


Step 3: Creating your RACFICE Members...

- **Wait for the job completion message. MAXCC=0 is what you want. If you get something else, we'll have to go into SDSF to figure out what happened.**

```
18.13.53 JOB16649 $HASP165 SHARB09I ENDED AT N1 MAXCC=0 CN(INTERNAL)
***
```


Step 5: Looking at the RACFICE Output...

- **Scroll up and down and look at some of the reports that have been created. Note that many will be empty as there isn't data relevant to all of the reports.**
- **Next, we'll run a short report that you will tailor. To do that, swap back to your member edit screen (PF9) and END out of that member with PF3**

Summary

- **We've just scratched the surface... there are so many reports that you can create....**
- **Look at the 'SYS1.SAMPLIB(IRRICE)' reports... there are a lot of interesting techniques used there**
- **Look at the RACF Downloads section of the RACF web page**
– www.ibm.com/racf resources->downloads
- **The “Introduction to DFSORT” manual is *outstanding* and**
- **...and if you have any questions, please e-mail me!**