

Adabas Online System

System Operator Command Functions

Version 8.1.3

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Adabas Online System

This document applies to Adabas Online System Version 8.1.3 and to all subsequent releases.
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1

System Operator Command Functions

Selecting Session Opercoms (option "O") displays the following menu:

```
**** A D A B A S BASIC SERVICES *****
09:27:14
                                                                 2006-07-14
                           - Session Opercoms -
                                                                 PACI002
                                       Code Service
 Code Service
                                       S Stop user(s)
      Extended Error Recovery
 F Force Dual CLOG or PLOG switch T Termination Commands
L Lock or unlock files U Manage Online Utilities
     Reset ONLINE-DUMP-Status V User Table Maintenance
     Help
      Exit
      Code ....._
      Userid(ETID) ... ___
      CLOG/PLOG Ind .. _ Global.. _
      Database ID .... 1955 (WIS1955)
                                           NucID .. 1022
Command ==>
PF1---- PF2---- PF3---- PF4---- PF6---- PF7---- PF8---- PF12----
Help
                  Exit
                                                               Menu
```

Note: A zero value in the NucID field indicates that the command applies to all nuclei in the cluster (global). A non-zero value for NucID indicates that the command applies only to the cluster nucleus specified.

The System Operator Command Functions documentation is organized in the following topics:

	Code	Function
•	Е	Extended Error Recovery
•	F	Force Dual/Multiple CLOG/PLOG Switch
•	L	Lock / Unlock files
•	R	Reset Online Dump Status
•	S	Stop User(s)
•	T	Termination Commands
•	U	Manage Online Utilities
•	V	Maintain the User Table (nucleus cluster environments only)

2 Extended Error Recovery

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Selecting option "E" (Extended Error Recovery) from the Session Opercoms menu displays the Extended Error Recovery menu:

09:31:57	**** A	D A B A S BASIC SERVICES ***** 2006-07-14 - Extended Error Recovery - PACIE02
	Code	Service
	В	Display message buffer
	D	Display/modify environment
	E	Display/modify Exit routines
	M	Add/Delete PIN modules
	P	Display/modify PIN routines
	R	Refresh threshold and alert exits
	S	SNAP a nucleus dump
	?	Help
		Exit
Code		
Start Address		End Address
Database ID	105	(RD-MPM105)
Command ==>		
PF1 PF2	- PF3	PF4 PF6 PF7 PF8 PF12
Help	Exit	Menu

From this menu you can

- display the message buffer
- display or modify the parameters controlling the extended error handling environment;
- display or modify parameters for invoking the error handling exits;
- add or delete PIN modules;
- display, activate, or deactivate specific PIN routines;
- refresh the ADATHRSH and ADALERTX exit modules loaded in memory;
- SNAP a dump image of nucleus memory.

This chapter covers the following topics:

Display Message Buffer

Selecting option "B" (Display Message Buffer) from the Extended Error Recovery menu displays the contents of the message buffer:

```
**** A D A B A S BASIC SERVICES **** 2006-07-14
09:38:27
DBID 105
                        - Display Message Buffer -
                                                               PACIEB2
Select starting message _
 Msg Num Time Msg ID
                                    Message
        2 09:15:11 ADAN5A FILES modified during AUTORESTART:
        3 09:15:11 ADAN5A NONE
        4 09:15:11 ADAN19 BUFFERFLUSH is A S Y N C H R O N O U S
        5 09:15:11 ADAN8Y FILE-LEVEL CACHING INITIALIZED
        6 CWARN-140, FILE CACHING PARAMETER ERROR; Invalid FILE NUMBER
        7 09:15:11 ADAN80 ADABAS DYNAMIC CACHING ENVIRONMENT established.
        8 09:15:11 ADAN01 A D A B A S V8.1.0 is active
        9 09:15:11 ADAN01 MODE = MULTI
       10 09:15:11 ADAN01 Running without RECOVERY-LOG
       11 09:45:23 ADAN8U ESP 64001 (WRK2) Enabled on Demand.
       12 09:45:23 ADAN8U ESP 64002 (WRK3) Enabled on Demand.
       13 09:45:23 ADAN8U FNR 00050 (BOTH) Enabled on Demand.
Command ===>
PF1---- PF2---- PF3---- PF4---- PF6---- PF7---- PF8---- PF12----
                 Exit
                          Latest
                                                              Menu
```

Press PF4 to refresh the screen and show the latest messages added to the buffer.

The Msg Num column contains the sequential record number for each item in the message buffer. Enter a record number in the field Select starting message to position the display to a particular record.

These functions are the same as the error handling operator commands

SMGT,DISPLAY=MSGBUF

Display/Modify Environment

Selecting option "D" (Display/Modify Environment) from the Extended Error Recovery menu displays the current setting of several extended error handling parameters:

```
***** A D A B A S BASIC SERVICES *****
09:46:13
                                                           2006-07-14
DBID 105
                     - Display/Modify Environment -
                                                             PACIED2
----- Alert Limits -----
                              --- Parameters ----- Status - Executions -
User Queue ..... 85
                              Smart Management (SMGT) ON
Command Queue ..... 80
                              Message Buffering ..... ON
Threads ..... 75%
                            Abnormal Term. Handler. ON
                                                                   0
                            Response Code Handler .
                                                                   0
Hold Queue ..... 500
                                                     ON
                            Heartbeat Subtask .....
Data Blocks ..... 80%
                                                     ON
                            Full System Dump (DUMP) OFF
Asso Blocks ..... 90%
Flushes/Interval ... 40
                              Threshold Interval ....
                                                     30
Format Overwrites ..
          ----- Most Recent Recovery Action -----
           Last error occurred on 2006-07-14 09:11:45
           Condition: Rsp 017 Location: * N/A *
PF1---- PF2---- PF3---- PF4---- PF6---- PF7---- PF8---- PF12---
       MsgBuf
Help
                 Exit
                                                           Menu
```

If the heartbeat subtask is inactive or if the ADATHRSH module is not installed, the Alert Limits and the threshold interval values are blank.

The parameters with "ON"/"OFF" values in the Status column can be activated and deactivated by changing the value. The threshold interval parameter and the threshold levels displayed in the Alert Limits column cannot be changed in Adabas Online System. See the *Adabas DBA Reference* documentation for more information.

The functions on this screen mirror the error handling operator commands

```
SMGT, {ON | OFF}
SMGT, ABNORMALTERM={ON | OFF}
SMGT, DUMP={ON | OFF}
SMGT, HEARTBEAT={ON | OFF}
SMGT, MSGBUF={ON | OFF}
SMGT, DISPLAY=THRESHOLD
SMGT, DISPLAY=LAST
```

Display/Modify Exits

Selecting option "E" (Display/Modify Exits) from the Extended Error Recovery menu displays the status of the exits currently loaded:

The exit code, the name of the program invoked by the exit, the current status, and the criticality are listed for each exit. You can change the status and criticality of the exit from this screen.

To change the status and criticality of the exit, enter In the M column next to the selected exit

A	to activate the exit
D	to deactivate the exit
L	to reload the exit program in memory or to load a new exit
С	to make the exit critical
N	to make the exit noncritical

After changes have been made, use PF4 to refresh this screen.

```
SMGT,DISPLAY=EXITS
SMGT,{XACTIVATE | XDEACTIVATE}=exit-code
```

```
SMGT,XLOAD=exit-code
SMGT,XLOAD=(exit-code,module-name)
SMGT,{XCRITICAL | XNOTCRITICAL}=exit-code
```

Add/Delete PIN Modules

Selecting option "M" (Add/Delete PIN Modules) from the Extended Error Recovery menu displays a list of currently available PIN modules:

10:02:45 DBID 105	****	A D A B A S BASIC SERVICES - Add/Delete PIN Modules -	* * * *	2006-07-14 PACIEM2
Mark entries	with 'A'	to Add or 'D' to Delete:		
М	Module	Description	Message	
-				
_	ADAMXY	Standard Nucleus PIN Routines		
	PINAAF	SAF Security		
	PINAFP	Adabas Fastpath		
	PINATM	Adabas Transaction Manager		
	PINAVI	Adabas Vista		
_	PINRSP	Adabas Response Code Handler		
_	PINUES	Universal Encoding Support		

To load a PIN module into memory

■ Enter "A" in the M column next to the module name.

This command is successful only if the exit module exists in a library accessible to the Adabas nucleus.

To remove a PIN module from memory

■ Enter a "D" in the M column next to the module name.

When deleting a PIN module from memory, all related PIN routines are also removed.

```
SMGT, {ADDPIN | DELPIN}=module-name
```

Display/Modify PIN Routines

Selecting option "P" (Display/Modify PIN Routines) from the Extended Error Recovery menu displays a list of PINs currently loaded in memory:

```
**** A D A B A S BASIC SERVICES **** 2006-07-14
10:08:49
 DBID 105
                     - List/Modify PIN Routines -
                                                            PACIEP2
Mark entries with 'A' Activate, or 'D' Deactivate:
                                                   Total Pins: 012
 M Condition Error Location
                                      Status Uses Module Message
    000C1000 All Locations
                                               0 ADAMXY
                                      Active
   000C2000 All Locations
                                      Active
                                                0 ADAMXY
   000C3000 All Locations
                                      Not Act
                                                0 ADAMXY
                                      Active 0 ADAMXY
Active 0 ADAMXY
Active 0 ADAMXY
   000C4000 All Locations
   000C5000 All Locations
   000C6000 All Locations
   000C7000 All Locations
                                      Not Act
                                               0 ADAMXY
                                      Active
   000C8000 All Locations
                                                0 ADAMXY
   000C9000 All Locations
                                     Active
                                                0 ADAMXY
   000CB000 All Locations
                                      Active
                                                0 ADAMXY
                                      Active
Active
   000CF000 All Locations
                                                0 ADAMXY
    00047000 All Locations
                                               0
                                                   ADAMXY
PF1---- PF2---- PF3---- PF4---- PF6---- PF7---- PF8---- PF12----
Help
                 Exit
                          Refr
                                --
```

For all PIN routines on the list, the screen indicates the conditions that cause them to be executed, the current status, the number of times they have been used, and the module in which they are located.

To change the status of the PINs from this screen, enter in the M column next to the PIN number

A	to activate a PIN	
D	to deactivate a PIN	

After changes have been made, use PF4 to refresh the screen.

```
SMGT,DISPLAY=PINS
SMGT,{ACTPIN | DEACTPIN}=pin-number
```

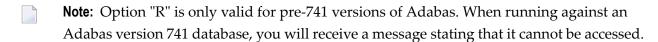
Refresh Threshold and Alert Exits

Selecting option "R" (Refresh Threshold and Alert Exits) from the Extended Error Recovery menu loads the ADATHRSH and ADALERTX modules into memory.

The following confirmation screen is displayed:

10:10:02 ***** 7		SIC SERVICES ***** Error Recovery -	2006-07-14 PACIE02
Code			
D	Display/mod	ify environment	
E	Display/mod	ify Exit routines	
М	Add/Delete	PIN modules	
P	Display/mod	ify PIN routines	
R	Refresh thr	eshold and alert exits	
S	SNAP a nucl		
?	Help	Refreshing will delete	and reload
	Exit	the modules in memory.	
		Enter PF3 to cancel or	YES to
Code r		confirm the refreshing	of:
Start Address		Thresholds (ADATHRSH).	
End Address		Alert Exit (ADALERTX).	
Database ID 105	(RD-MPM105)		
EACIEP1 : Display/Modi	fy PINs function		
Command ==>			
PF1 PF2 PF3-	PF4	PF6 PF7 PF8	PF12
Help Exit			Menu

These modules can be refreshed only if the heartbeat subtask is active and the module being refreshed exists in a library accessible to the Adabas nucleus. Both modules can be refreshed at one time.



To refresh a module

■ Enter "YES" in the input field following the module name.

This deletes the module from memory and reloads a new copy.

SMGT, REFRESHTHRESHOLDS SMGT, REFRESHALERTEXIT

SNAP a Nucleus Dump

Selecting option "S" (SNAP a Nucleus Dump) from the Extended Error Recovery menu generates a formatted dump of the nucleus without error diagnostics.

To generate a dump of the whole nucleus

■ Leave the Start Address and End Address fields on the menu blank.

To generate a SNAP dump of only a range of addresses, enter hexadecimal addresses in the Start Address and End Address fields on the menu.

The formatted dump is written to the DDPRINT data set specified in the nucleus.

This function is the same as the error handling operator command

SMGT,SNAP[=(start,end)]

3

Force Dual/Multiple CLOG/PLOG Switch

Using this option, you can immediately switch (by forcing an end-of-file) between dual or multiple command log (CLOG) or protection log (PLOG) files. Switching (that is, "toggling") changes from one CLOG or PLOG file to another.

Equivalent direct commands are

FORCE CLOGSWITCH

FORCE PLOGSWITCH

4

Lock / Unlock Files

This option is used to lock, unlock, or display locked files.

Files can be locked or unlocked for all users or for all but utility/EXF users. Once locked for all users, a file cannot be unlocked for utility users only.

Locking is immediate: a transaction in process whose file becomes locked will be backed out.

Unlocking makes the file available again for normal use.

Equivalent direct commands are

```
LOCK FILE

UNLOCK FILE
```

Selecting option "L" (Lock/Unlock Files) from the Session Opercoms menu displays the following:

```
A D A B A S BASIC SERVICES *****
10:12:10
                                                                   2006-07-14
                          - Lock / Unlock Files
                                                                    PACIL02
                 Code
                         Service
                  ____
                  D
                         Display locked files
                  F
                         Lock file for all users
                         Advance lock file
                  K
                  Τ.
                         Lock file except for UTI/EXF users
                  Ν
                         Unlock file from general lock
                         Release an advance lock
                  R
                         Unlock file from UTI/EXF lock
                  IJ
                         Help
                  ?
                         Exit
   Code .....
   File Number .. 30
```

```
UTI/EXF Ind .. U
Database ID .. 105 (RD-105)

Command ==>
PF1---- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help Exit Menu
```

To list and modify the files that are locked

- Enter "D" in the code field and press ENTER.
- **Note:** You can unlock a file directly from the Lock / Unlock Files menu by entering an "N" or "U" function.

The Display Locked Files screen is displayed:

```
10:17:45
               ***** A D A B A S BASIC SERVICES *****
                                                            2006-07-14
DBID 105
                      - Display Locked Files
                                                            PACID02
 Mark entries with 'U' to unlock:
M Fnr. Lock Status
                                  M Fnr. Lock Status
         Locked for ALL users
        Locked except for UTI
  50 Locked except for EXU/EXF
  55
      Locked for ALL users
  60 Locked for ALL users
PF1---- PF2---- PF3---- PF4---- PF6---- PF7---- PF8---- PF12----
Help
                 Exit
                                                           Menu
```

To unlock files

■ Enter a "U" in the M column to the left of the file number on this screen.

Multiple files may be unlocked at the same time.

5 Reset Online Dump Status

Use this option to reset the online dump status for use when an ADASAV online dump operation has abended.

An equivalent direct command is

RESET ONLINESTATUS

6 Stop User(s)

Selecting option "S" (Stop Users) from the Session Opercoms menu displays the Stop Users menu:

```
**** A D A B A S BASIC SERVICES *****
10:22:02
                                                              2006-07-14
                            - Stop Users
                                                              PACIS02
                    Code Service
                     F
                         Stop users using file
                        Stop inactive users
                     Ι
                     J
                         Stop users by jobname
                     U
                         Stop a selected user
                     ?
                         Help
                         Exit
   Code ....__
   File Number ..... _
   Last Activity ....
                            _ (elapsed time in seconds)
   Job Name ....._
   Purge UQE(s) ..... N
   Selected Userid ..
   Database ID ..... 105 (RD-105)
Command ==>
PF1---- PF2---- PF3---- PF4---- PF6---- PF7---- PF8---- PF12----
Help
       Disp UQ
                 Exit
                          Clear UID
                                                             Menu
```

You can stop a specific user, all users from a specific job, all users using a specific file, or all inactive users. Any open transactions of the stopped users are backed out. When the Purge UQE(s) field is set to "Y", the stopped users are also deleted. Note that EXF and UTI users are not stopped or deleted.

The following table describes what each of the screen options allows you to do and how to use them effectively:

Code	This option allows you to
F	stop all users who are using a specific file. When you use this option, specify the file number in the File Number field.
	The nucleus backs out all open transactions of any users of the file. If the Purge UQE(s) field is set to "Y", the stopped users are also deleted. If the Purge UQE(s) field is set to "N" or Adabas is running with ADARUN OPENRQ=YES, a stopped user who returns (by sending a command) will receive response code 9.
	Caution: If Adabas is running with ADARUN OPENRQ=NO (specifying that users are not required
	to issue an OP as the first command of the session), select this option with the Purge UQE(s) field set to "Y" only if you are certain that the users to be deleted are no longer active. If a user with an open transaction is deleted, but then returns (by sending a command), no indication is given about the transaction backout. If the user continues the transaction, logical inconsistencies in the database could occur.
I	stop all users who have not executed a command during a specific time interval. When you use this option, specify the inactivity time (in seconds) in the Last Activity field.
	The nucleus backs out all open transactions of the affected users. If the Purge UQE(s) field is set to "Y", the stopped users are also deleted. If the Purge UQE(s) field is set to "N" or Adabas is running with ADARUN OPENRQ=YES, a stopped user who returns (by sending a command) will receive response code 9.
	Caution: If Adabas is running with ADARUN OPENRQ=NO (specifying that users are not required
	to issue an OP as the first command of the session), select this option with the Purge UQE(s) field set to "Y" only if you are certain that the users to be deleted are no longer active. If a user with an open transaction is deleted, but then returns (by sending a command), no indication is given about the transaction backout. If the user continues the transaction, logical inconsistencies in the database could occur.
J	stop and delete all users from a specific job. When you use this option, specify the job name in the Job Name field.
	The nucleus backs out any open transactions from the job and deletes the users (purges their user queue elements), regardless of the setting of the Purge UQE(s) field.
	Caution: If Adabas is running with ADARUN OPENRQ=NO (specifying that users are not required
	to issue an OP as the first command of the session), select this option only if you are certain that the users to be deleted are no longer active. If a user with an open transaction is deleted, but then returns (by sending a command), no indication is given about the transaction backout. If the user continues the transaction, logical inconsistencies in the database could occur.

Code	This option allows you to
U	stop and delete a specific user. When you use this option, specify the user ID of the user you want to stop in the Selected Userid field. You can do this by selecting a user from the current user queue (select PF2 on this screen).
	The nucleus backs out any open transaction of the user and deletes the user (purges the user queue element), regardless of the setting of the Purge UQE(s) field.
	Caution: If Adabas is running with ADARUN OPENRQ=NO (specifying that users are not required
	to issue an OP as the first command of the session), select this option only if you are certain that the user to be deleted is no longer active. If a user with an open transaction is deleted, but then returns (by sending a command), no indication is given about the transaction backout. If the user continues the transaction, logical inconsistencies in the database could occur.
?	access online help for this screen.
	exit this screen.

The following table describes the use of the fields on this screen:

Field	Description		
Code	Specify the code of the function you wish to perform, as described in the table above.		
File Number	When selecting the "F" code (stop users of a specific file), specify the file number; all users of the file will be stopped.		
Last Activity	When selecting the "I" code (stop inactive users), specify the inactivity time of the users (in seconds); users who have not executed a command during the specified time interval will be stopped.		
Job Name	When selecting the "J" code (stop and delete users from a specific job), specify the job name; all users from that job will be stopped and deleted.		
Purge UQE(s)	When selecting the "F" or "I" codes specify (with "Y" or "N") whether the user queue elements (UQEs) of the stopped users should be purged. Users stopped via the "J" or "U" codes are always purged.		
	Caution: If Adabas is running with ADARUN OPENRQ=NO (specifying that users are		
	not required to issue an OP as the first command of the session), select this option only if you are certain that the users to be deleted are no longer active. If a user with an open transaction is deleted, but then returns (by sending a command), no indication is given about the transaction backout. If the user continues the transaction, logical inconsistencies in the database could occur.		
Selected	Lists the selected user ID. To change the user ID, press the PF2 key and select a new user		
Userid	ID from the current user queue. To clear a user ID from this field, press the PF4 key. If no specific user is listed in this field, all users are assumed. This field is used only when the "U" Code (stop a specific user) is selected.		
Database ID	Specify the database ID of the database for which the users are stopped.		

The following special function keys are also available for use on this screen:

- Press PF2 (Disp UQ) to display the current user queue. You can select a user from the current user queue list.
- Press PF4 (Clear UID) to clear the Selected Userid field.

An equivalent direct command is:

STOP USERS

7

Termination Commands

Selecting option "T" (Termination Commands) from the Session Opercoms menu invokes the Session Termination menu from which you can choose to terminate a session normally (ADAEND), cancel a session immediately (CANCEL), or stop a session (HALT).

```
11:24:00
                **** A D A B A S
                                    BASIC SERVICES ****
                                                                2006-07-14
                           - Session Termination
                                                                   PACT002
                     Code
                            Service
                     ____
                     Α
                            Normal session termination (ADAEND)
                            Cancel session immediately (CANCEL)
                            Stop session
                                                      (HALT)
                     H
                      ?
                            Help
                            Exit
       Code .....
       Database ID .. 105
                           (RD-MPM105)
        Current nr. of users in User Queue ... 9
        Nr. of users with open transactions .. 0
 Command ==>
 PF1---- PF2----- PF3----- PF4----- PF6---- PF7---- PF8---- PF12----
                    Exit
```

In all cases, you are prompted to confirm your termination request before the action is taken.

An equivalent direct command is

```
TERMINATE SESSION
```

8

Manage Online Utilities

Selecting option "U" (Manage Online Utilities) from the Session Opercoms menu displays the following screen:

10:28: DBID			****	A									***		2006-07-14 PACIP02	1
	Proce															
Mark	entrie	28	with 'S'	(Sı	ıspen	d)	, 'R' (I	Resum	ne),	or '	Χ'	(Stop):			
I		Ι	Process	I	Sort	I	Current	: I	T]	hrow-	-	I	Process	Ι		I
M I			Туре												Status	I
_ I															Active	I
_ I	61	Ι	Invert DE	Ι	AA	I	28	36 I			1	I	000003FF	I	Suspended	I
_ I	101	Ι	Reor Asso	Ι	BJ	I		I			1	I	000000C2	I	Active	I
_ I		Ι		I		I		I	_			I		I		I
_ I		I		Ι		I		I	_			I		I		I
_ I		I		Ι		I		I	_			I		I		I
_ I		I		Ι		I		I	_			I		I		I
_ I		I		Ι		I		I	_			I		I		I
_ I		I		Ι		I		I	_			I		I		I
_ I		I		Ι		I		I	_			I		I		I
_ I		I		Ι		I		I	_			I		I		I
_ I		Ι		Ι		I		I	-			I		I		I
PF1	PI	72-	PF3			PF	4	PF6-		- PF7	7		- PF8	_	PF12	
Help			Exi	t		Re	fresh			-			+		Menu	

From this screen, you can manage (that is, monitor, suspend, resume, and stop) online utility processes.

All online processes currently in the database nucleus are listed, up to a maximum of 40. You can use PF6 (back to the start of the list), PF7 (back one screen), and PF8 (forward one screen) to scroll among the processes.

The equivalent direct command is

DISPLAY PROCESS

To maintain the processes, enter one of the following maintenance codes in the M column to the left of the process named in the Process Type column:

S	suspend an active process					
R	resume a suspended process					
Р	stop a process					

You can maintain multiple processes at the same time.

The equivalent direct command is

MANAGE PROCESS

The sort sequence being used by a process is indicated in the Sort Seq column:

For process type	Sort Seq. contains the descriptor currently being
reorder Data Storage	reordered*
invert descriptor	inverted
reorder Associator	reordered

^{*} When reordering Data Storage for a file, the default sort sequence is physical sequence or "PHY". Other possible options include "ISN" if the file is to be sorted in ISN order, or the two character descriptor name to sort the file according to the value of the specified descriptor.

The Current RABN/ISN column shows the progress of work:

For process type	Current RABN/ISN displays the current				
reorder Data Storage	RABN being processed				
invert descriptor	ISN, as this function works in ISN sequence				
reorder Associator	(left blank)				

9 Maintain the User Table

Note: This option is available in Adabas nucleus cluster environments only.

When option "V" (User Table Maintenance) is selected, the following screen is displayed:

```
**** A D A B A S BASIC SERVICES *****
10:39:29
                                                             2006-07-14
                      - User Table Maintenance -
                                                             PACIV02
                    Code Service
                     C
                           Begin CLUFREEUSER process
                           Help
                           Exit
        Code ....._
        TNA ..... 0_
        UID ....._
        Force ....._
        Global ....._
        Database ID .. 1955 (WIS1955)
                                              NucID .. 1022
Command ==>
PF1---- PF2---- PF3---- PF4---- PF6---- PF7---- PF8---- PF12----
```

The CLUFREEUSER command is only valid in cluster environments. It can be issued against the local nucleus only or, with the Global option, against all active and inactive nuclei in the cluster.

The command is used to delete leftover user table elements (UTEs) in common storage that are no longer associated with user queue elements (UQEs) in a nucleus where:

TNA	is a decimal number specifying the timeout value in seconds. UTEs that are not used during the time specified may be deleted if other conditions are fulfilled. If TNA is not specified, UTEs may be deleted without regard to their recent use.							
UID	is a character string or hexadecimal byte string as follows:							
	ccccccc	where the argument is 1-8 letters, digits, or embedded '-' signs without surrounding apostrophes.						
	'ccccccc'	where the argument is 1-8 characters with surrounding apostrophes.						
	X'xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	where the argument is an even number of 2-16 hexadecimal digits enclosed by apostrophes and preceded by an X.						
	A character string must be enclosed in apostrophes if it contains characters other than letter, digits, or embedded '-' signs. If a specified character string is less than 8 characters long, it is implicitly padded with blanks. If a specified hexadecimal string is shorter than 16 hexadecimal digits, it is implicitly padded with binary zeros. If the last 8 bytes of a user's 28-byte communication ID match a specific user ID or user ID prefix, that user's UTE may be deleted if other conditions are fulfilled. If UID not specified, UTEs may be deleted regardless of their user IDs.							
FORCE	Delete leftover UTEs even if the users are due a response code 9, subcode 20. If FORCE is not specified, such UTEs are not deleted. Before using the FORCE parameter, ensure that the users owning the UTEs to be deleted will not expect any of their transactions to remain open. Specify FORCE on this screen by marking the Force field with any character.							
GLOBAL	and are eligible accord rules, delete leftover L is not specified, only I	throughout the Adabas cluster if they are no longer associated with UQEs ling to the other specified parameters. Additionally and subject to the other UTEs if their assigned nuclei have terminated since their last use. If GLOBAL UTEs assigned to the local nucleus and used since the nucleus start are pecify GLOBAL on this screen by marking the Global field with any						

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