

# Maintaining Checkpoints

Selecting Checkpoint Maintenance (option C) from the Adabas Online System **Main Menu** invokes the **Checkpoint Maintenance** menu:

```

08:11:42          ***** A D A B A S  BASIC SERVICES  *****          2006-07-21
                   - Checkpoint Maintenance -                               PCP0002

                                Code      Service
                                ----      -
                                C         List checkpoints
                                D         Delete checkpoints
                                ?         Help
                                .         Exit
                                ----      -

Code ..... _
Date(YYYY-MM-DD) . _____
Ext. CP-list ..... N
Checkpoint Name .. ALL
Database ID ..... 105      (RD-MPM105)

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

Using the AOS checkpoint maintenance environment, you can perform the following functions, accessible by menu option:

Option	Function
C	<i>Listing Checkpoints</i> lists checkpoints currently in the checkpoint file.
D	<i>Deleting Checkpoints</i> allows you to remove all checkpoint file entries up to a specified date.

## Listing Checkpoints

Selecting **List checkpoints** (option C) on the **Checkpoint Maintenance** menu lists checkpoints currently in the checkpoint file.

The result can be either a basic or an extended list, depending on the setting of the External CP-list field, which can be used to override the CPEXLIST operating control parameter.

You can start the list of checkpoints on a particular day by entering the date in the Date field in exactly the format shown.

You can specify the database for which the checkpoint list is to be written.

You can restrict the list to a particular checkpoint name by changing the ALL designation in the Checkpoint Name field to one of the following:

Type	Description
SYNC	nucleus initialization
SYNF	user open EXF
SYNP	utility, without nucleus
SYNS	ADARES
SYNV	volume ID change
SYNX	utility
SYN1	ADASAV DB begin
SYN2	ADASAV DB begin
SYN4	ADASAV file begin
SYN5	ADASAV file begin

For more information about checkpoint names, refer to your *Adabas Utilities* documentation.

The following screen displays a normal checkpoint list:

```

18:56:29          ***** A D A B A S BASIC SERVICES *****          2009-08-13
DBID 1955          - List Checkpoints -                               PCPC012

  CP   CP   Date      Time      PLOG   Block   Vol/Ser   User Job Name
  Name Type                Number   Number   Number   Type
-----
SYNP  30   2009-02-17 19:07:59                1          DUAL   USAWISNO
SYNP  30   2009-02-17 19:07:59                1          DUAL   USAWISNO
SYNP  30   2009-02-17 19:08:00                1          DUAL   USAWISNO
SYNP  30   2009-02-17 19:08:01                1          DUAL   USAWISNO
SYNP  30   2009-02-17 19:08:01                1          DUAL   USAWISNO
SYNC  01   2009-02-17 19:08:02                1          DUAL   USAWISNO
SYNS  5B   2009-02-17 19:08:02                1          DUAL   EXU  ADAEND
SYNP  30   2009-02-17 19:17:04                2           1   DUAL   USAWISTA
SYNC  01   2009-02-17 19:27:58                2           2   DUAL   USAWISRP
SYNP  30   2009-02-17 19:42:40                2          365   DUAL   UTI  USAWISTA
SYNP  30   2009-02-17 19:42:40                2          366   DUAL   UTI  USAWISTA
SYNP  30   2009-02-17 19:42:40                2          367   DUAL   UTI  USAWISTA
SYNS  60   2009-02-17 21:17:58                2         21370   DUAL   ADABAS
SYNS  60   2009-02-18 16:41:30                2         21371   DUAL   ADABAS
SYNS  60   2009-02-19 09:25:33                2         21372   DUAL   ADABAS
PF1----- PF2----- PF3----- PF4----- PF6----- PF7 ----- PF8----- PF12-----
Help          Exit          Top          -          +          Menu
    
```

This screen illustrates an extended checkpoint list providing additional information about each checkpoint:

```

18:58:21          ***** A D A B A S  BASIC  SERVICES  *****          2009-08-13
DBID 1955          - List Checkpoints -          PCPC012

  CP   CP      Date      Time      PLOG      Block      Vol/Ser      User Job Name
  Name Type                                     Number      Number      Number      Type
-----
SYNP  30  2009-02-17  19:07:59                                     USAWISN0
      LOAD                                     FNR= 1
SYNP  30  2009-02-17  19:07:59                                     USAWISN0
      LOAD                                     FNR= 2
SYNP  30  2009-02-17  19:08:00                                     USAWISN0
      LOAD                                     FNR= 3
SYNP  30  2009-02-17  19:08:01                                     USAWISN0
      LOAD                                     FNR= 6
SYNP  30  2009-02-17  19:08:01                                     USAWISN0
      LOAD                                     FNR= 7
SYNC  01  2009-02-17  19:08:02                                     USAWISN0
      SESSION OPEN          IGNDIB = N , FORCE = N
SYNS  5B  2009-02-17  19:08:02                                     EXU  ADAEND
      REFRESH STATS
SYNP  30  2009-02-17  19:17:04          2          1  DUAL          USAWISTA
PF1----- PF2----- PF3----- PF4----- PF6----- PF7 ----- PF8----- PF12-----
Help                Exit                Top          -          +          Menu
    
```

## Deleting Checkpoints

You can remove all checkpoint file entries up to the date you specify in the Date field by selecting **Delete checkpoints** (option **D**) on the **Checkpoint Maintenance** menu. The following screen appears:

```

18:59:08          ***** A D A B A S  BASIC  SERVICES  *****          2009-08-13
DBID 1955          - Delete Checkpoints -          PCPD002

All checkpoint entries up to .. 2009-08-13 (YYYY-MM-DD)
will be deleted.

Confirm by pressing the 'ENTER' key or
modify the date and then press 'ENTER'.

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