

# Cincom

## **SUPRA SERVER PDM**

RDM DBAID Quick Reference  
(OS/390 & VSE)

P26-8270-64



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## **SUPRA® Server PDM RDM DBAID Quick Reference (OS/390 & VSE)**

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Cincom Systems, Inc.  
55 Merchant Street  
Cincinnati, Ohio 45246-3732  
U.S.A.

PHONE: (513) 612-2300

FAX: (513) 612-2000

WORLD WIDE WEB: <http://www.cincom.com>

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### **We welcome your comments**

We encourage critiques concerning the technical content and organization of this manual. Please take the [survey](#) provided with the online documentation at your convenience.

#### *Cincom Technical Support for SUPRA Server PDM*

FAX: (513) 612-2000  
Attn: SUPRA Server Support

E-mail: [helpna@cincom.com](mailto:helpna@cincom.com)

Phone: 1-800-727-3525

Mail: Cincom Systems, Inc.  
Attn: SUPRA Server Support  
55 Merchant Street  
Cincinnati, OH 45246-3732  
U.S.A.



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## Conventions

The following table describes the conventions used in this document series:

Convention	Description	Example
Constant width type	Represents screen images and segments of code.	PUT 'customer.dat' GET 'miller\customer.dat' PUT '\DEV\RMT0'
Slashed b (b)	Indicates a space (blank).  The example indicates that four spaces appear between the keywords.	BEGINbbbbserial
Brackets [ ]	Indicate optional selection of parameters. (Do not attempt to enter brackets or to stack parameters.) Brackets indicate one of the following situations:  A single item enclosed by brackets indicates that the item is optional and can be omitted.  The example indicates that you can optionally enter a WHERE clause.  Stacked items enclosed by brackets represent optional alternatives, one of which can be selected.  The example indicates that you can optionally enter either WAIT or NOWAIT. (WAIT is underlined to signify that it is the default.)	[WHERE <i>search-condition</i> ]  [(WAIT) (NOWAIT)]
Braces { }	Indicate selection of parameters. (Do not attempt to enter braces or to stack parameters.) Braces surrounding stacked items represent alternatives, one of which you must select.  The example indicates that you must enter ON or OFF when using the MONITOR statement.	MONITOR {ON OFF}

Convention	Description	Example
<u>Underlining</u> (In syntax)	<p>Indicates the default value supplied when you omit a parameter.</p> <p>The example indicates that if you do not choose a parameter, the system defaults to WAIT.</p>	$\begin{bmatrix} \text{(WAIT)} \\ \text{(NOWAIT)} \end{bmatrix}$
	<p>Underlining also indicates an allowable abbreviation or the shortest truncation allowed.</p> <p>The example indicates that you can enter either STAT or STATISTICS.</p>	<u>STATISTICS</u>
Ellipsis points...	<p>Indicate that the preceding item can be repeated.</p> <p>The example indicates that you can enter multiple host variables and associated indicator variables.</p>	INTO :host-variable [:ind-variable],...
UPPERCASE lowercase	In most operating environments, keywords are not case-sensitive, and they are represented in uppercase. You can enter them in either uppercase or lowercase.	COPY MY_DATA.SEQ HOLD_DATA.SEQ
<i>Italics</i>	<p>Indicate variables you replace with a value, a column name, a file name, and so on.</p> <p>The example indicates that you must substitute the name of a table.</p>	FROM <i>table-name</i>
Punctuation marks	<p>Indicate required syntax that you must code exactly as presented.</p> <ul style="list-style-type: none"> <li>( ) parentheses</li> <li>. period</li> <li>, comma</li> <li>: colon</li> <li>' ' single quotation marks</li> </ul>	( <i>user-id, password, db-name</i> ) INFILE 'Cust.Memo' CONTROL LEN4
SMALL CAPS	Represent a keystroke. Multiple keystrokes are hyphenated.	ALT-TAB

---

## DBAID commands

### = command

Reissues the previous RDML command.

---

=

---

### BIND command

Binds a view and rebinds existing bound views.

---

BIND [*schema - name:*] {  
  \*  
  ALL  
  BOUND  
  *view - name*}

---

### BYE command

Exits DBAID.

---

BYE

---

### BY-LEVEL command

Displays the column names in a view by level of occurrence, starting with level 0, followed by level 1, and so on.

---

BY - LEVEL [\*]  
                  [*view - name*] [*column - number*]

---

### CAUTIOUS command

Prohibits an automatic COMMIT.

---

CAUTIOUS

---

## COLUMN-DEFN command

Displays the full internal description of columns in a view.

---

**COLUMN - DEFN**  $\left[ \begin{array}{l} * \\ \text{view - name} \end{array} \right]$  [*column - name*]

---

## COLUMN-TEXT command

Displays the short and long text for a column in a view.

---

**COLUMN - TEXT**  $\left[ \begin{array}{l} * \\ \text{view - name} \end{array} \right]$  [*column - name*]

---

## COMMIT command

Makes permanent in the database all updates since the most recent COMMIT point.

---

**COMMIT**

---

## COPY command

Copies View Definition text of an existing view to a new view.

---

**COPY** [*schema-name:*] *view-name<sub>1</sub>* *view-name<sub>2</sub>*

---

## DEFINE command

Defines a new view to DBAID.

---

**DEFINE** *view-name*

---

## DELETE command

Removes a row from the database.

---

**DELETE [ALL] {  
   $*$   
  view - name}**

---

## DENY command

Revokes a user's privilege to use a view.

---

**DENY {  
   $*$   
  view - name} user - name<sub>1</sub> [, ..., user - name<sub>n</sub>]**

---

## EDIT command

Revokes a saved or virtual view for modification.

---

**EDIT [schema - name:] {  
   $*$   
  view - name}**

---

## ERASE command

Issues an RDM RESET if an "X" FSI is returned. This command is the opposite of KEEP.

---

**ERASE**

---

## FIELD-DEFN command

Displays the full descriptions of columns in a view.

---

**FIELD-DEFN [  
   $*$   
  view - name [column-name]]**

---

## FORGET command

Frees the storage allocated by a previously issued MARK command.

---

**FORGET *mark-name***

---

## GET command

GET 
$$\begin{bmatrix} \text{NEXT} \\ \text{LAST} \\ \text{SAME} \\ \text{FIRST} \\ \text{PRIOR} \end{bmatrix} \left\{ \begin{array}{l} * \\ \text{view - name} \end{array} \right\}$$

[FOR UPDATE]

$$\begin{bmatrix} \text{AT } \textit{mark-name} \\ \text{USING } \textit{literal}_1[\textit{literal}_2\dots\textit{literal}_n] \end{bmatrix}$$

---

## GO command

Issues a penetration GET request followed by a series of sweeping GET requests, and displays the rows in a tabular format.

---

**GO**  $\left[ \begin{array}{l} \text{NEXT} \\ \text{PRIOR} \end{array} \right] \left\{ \begin{array}{l} * \\ \text{view - name} \end{array} \right\}$

**START**  $\left[ \begin{array}{l} \text{NEXT} \\ \text{LAST} \\ \text{SAME} \\ \text{FIRST} \\ \text{PRIOR} \\ \text{AT } \text{mark-name} \end{array} \right]$

[**FOR number-of-rows**]

$\left[ \begin{array}{l} \{\text{FROM} \\ \text{USING}\} \\ \text{literal}_1[\text{literal}_2\dots\text{literal}_n] \end{array} \right]$

---

## INSERT command

Places a row in the physical database at the relative location you specify.

---

**INSERT**  $\left[ \begin{array}{l} \text{NEXT} \\ \text{LAST} \\ \text{FIRST} \\ \text{PRIOR} \end{array} \right] \left\{ \begin{array}{l} * \\ \text{view - name} \end{array} \right\} [\text{MASS}]$

---

## KEEP command

Prohibits an automatic RESET.

---

**KEEP**

---

## Line-number command

Deletes, adds, or replaces a view definition statement in the virtual view currently being edited or defined.

---

***line-number [view-definition-statement]***

---

## LINESIZE command

Specifies the number of characters to be displayed in a line.

---

**LINESIZE [*number-of-characters*]**

---

## LIST command

Displays a saved or virtual view and readies it for modification.

---

**LIST [*schema - name:*] {  
  *view - name*}**

---

## MARK command

Marks the current position of the view that the previous GET command established.

---

**MARK {  
  *\**  
  *view - name*} AT *mark - name***

---

## MARKS command

Lists all open MARKs and the views they are marking.

---

**MARKS**

---

## OPEN command

Readies a stored or virtual view for use by DBAID.

---

```
OPEN [user - view - name] {*  
view - name}  
[column1[,...,columnn]]
```

---

## PAGESIZE command

Specifies the number of lines to be displayed on a screen or page.

---

```
PAGESIZE [number-of-lines]
```

---

## PERMIT command

Relates a view to the user(s) in the Directory.

---

```
PERMIT {*  
view - name} user - name1  
[,...,user - namen]
```

---

## PRINT-STATS command

Causes RDM to print the current statistics.

---

```
PRINT-STATS
```

---

## PUBLIC-DENY command

Removes the relationship between specified views and the PUBLIC user on the Directory.

---

```
PUBLIC-DENY view-name1 [,...,view-namen]
```

---

## PUBLIC-PERMIT command

Relates views to the PUBLIC user on the Directory.

---

**PUBLIC-PERMIT** *view-name<sub>1</sub>* [,...,*view-name<sub>n</sub>*]

---

## PUBLIC-VIEWS command

Lists the names and short text for views related to the PUBLIC user.

---

**PUBLIC-VIEWS**

---

## RELEASE command

Closes a specific view or all views and releases the occupied storage within RDM.

---

**RELEASE**  $\left[ \begin{array}{l} * \\ \text{view - name} \end{array} \right]$

---

## REMOVE command

Removes the view definition text, its binding if the view is bound, and the relation between the view and users, procedures, external columns and environment descriptions.

---

**REMOVE** [*schema-name:*]  $\left\{ \begin{array}{l} * \\ \text{view - name} \end{array} \right\}$

---

## RENUMBER command

Renumerbs a virtual view so that the line numbering starts at 10, with each line incremented by 10.

---

**RENUMBER**  $\left\{ \begin{array}{l} * \\ \text{view - name} \end{array} \right\}$

---

---

## RESET command

Rolls back any database updates since the most recent commit point.

---

### RESET

---

## SAVE command

Stores views in the directory for either the active schema or a specified schema.

---

**SAVE [schema - name:]**{<sup>\*</sup>  
view - name}{[BIND]}

---

## SHOW-NAVIGATION command

Displays the access strategies RDM uses for entities (files/views) accessed in open views.

---

**SHOW - NAVIGATION**{<sup>\*</sup>  
view - name}

---

## SIGN-OFF command

Signs the user off from RDM.

---

### SIGN-OFF

---

## SIGN-ON command

Identifies the user to RDM.

---

**SIGN-ON user-name [password]**

---

## STATS command

Causes RDM to display online the current statistics of all open views or specified views.

---

**STATS**  $\left[ \begin{array}{l} * \\ \text{view - name} \end{array} \right]$

---

## STATS-OFF command

Causes RDM to print the current statistics and disables statistics gathering after printing.

---

**STATS-OFF**

---

## STATS-ON command

Causes RDM to initialize the statistics to zero and then begin gathering statistics on a user area.

---

**STATS-ON**

---

## SURE command

Causes a COMMIT after each successful insert, update, or delete.

---

**SURE**

---

## UNDEFINE command

Removes the name and definition of a virtual view.

---

**UNDEFINE**  $\left\{ \begin{array}{l} * \\ \text{ALL} \\ \text{view - name} \end{array} \right\}$

---

## UPDATE command

Updates data values in the database.

---

**UPDATE** {  
   $\{^*$   
   $\{view - name\}$   
  [*column<sub>1</sub>* := *literal<sub>1</sub>* [, ..., *column<sub>n</sub>* := *literal<sub>n</sub>*]]]

---

## USER-LIST command

Displays the column list for the specified user view named.

---

**USER - LIST** {  
   $\{^*$   
   $\{view - name\}$   
}

---

## VIEW-DEFN command

Displays a condensed description of a view.

---

**VIEW - DEFN** {  
   $\{^*$   
   $\{view - name\}$   
}

---

## VIEWS command

Displays all views currently active in DBAID.

---

**VIEWS**

---

## VIEWS-FOR-USER command

Lists the names and short text for the views related to the signed-on user or the PUBLIC user.

---

**VIEWS-FOR-USER**

---

### **view-name**

The name of the view you are working with.

### **column-name**

The name of a column within the view you are working with.

### **mark-name**

The name of the mark you are working with.

### **literal**

A group of characters used for other than arithmetic operations.

### **number-of-rows**

The number of records processed or to be processed.

---

## **DBAID considerations**

An asterisk has two uses:

- ◆ Substitutes for the last view name used.
- ◆ Denotes a comment line when entered in column 1. DBAID ignores comment lines.

## ASI values

Value	Meaning
=	The column exists but has not changed since the last access (GET processing only).
-	The column is missing or has a null value (GET processing only).
+	The column exists but has changed since the last access (GET processing only).
V	The column contains an invalid value.
C	The column value has been changed by another view.
N	The column is set at its null value (INSERT and UPDATE only).

## FSI values

Value	Meaning
*	Successful Completion
D	Data Error
F	Failure
N	Failure Due to Occurrence Problem
S	Security Check
U	Unavailable Resource
X	Reset Recommended

## VSI values

Value	Meaning
C	The column value was changed by another view.
V	At least one invalid ASI was returned.
-	No invalid ASIs were returned, but at least one missing ASI was returned.
+	No invalid or missing ASIs were returned, but at least one column in the view row has changed.
=	No invalid, missing, or new physical occurrences were returned by this RDM function.