

PRO/DATATRIEVE Reference Card

AV-X801A-TH

This card contains formats for all PRO/DATATRIEVE commands, statements, and field definition clauses, in alphabetical order. It also summarizes information about value expressions and record selection expressions (RSEs) and lists relational and Boolean operators.

Execute Procedure Command

: procedure-name

Execute Command File Command

@ file-spec

ABORT Statement

ABORT value-expression

AT Statements (Report Writer)

AT TOP OF { REPORT
PAGE
field-name } PRINT print-list-element,...

AT BOTTOM OF { REPORT
PAGE
field-name } PRINT print-list-element,...

print-list-element: { data-item
format-item }

BEGIN...END Statement

BEGIN
statement
.
.
END

COMPUTED BY Clause

COMPUTED BY expression

DECLARE Statement

DECLARE variable-name field-definition-clause(s).

DEFINE DICTIONARY Command

DEFINE DICTIONARY file-spec

DEFINE DOMAIN Command (Data Domains)

DEFINE DOMAIN domain-name USING record-name ON file-spec;

DEFINE DOMAIN Command (View Domains)

```
DEFINE DOMAIN view-name OF domain-name,... USING
  view-field-number view-field-name OCCURS FOR rse .
  domain-field-number domain-field-name FROM domain-name .
  .
  .
  .
;
```

DEFINE FILE Command

```
DEFINE FILE FOR domain-name [key-clause],... [MAX] ;
  key-clause: KEY = field-name [(NO CHANGE, NO DUP)]
```

DEFINE PROCEDURE Command

```
DEFINE PROCEDURE procedure-name
  statement or command
  .
  .
  .
END-PROCEDURE
```

DEFINE RECORD Command

```
DEFINE RECORD record-name USING
  level-number field-name [field-definition-clause(s)].
  .
  .
  .
;
```

DEFINE TABLE Command

```
DEFINE TABLE table-name
  "code" : "translation" ,
  .
  .
  .
  [ELSE "translation"]
END-TABLE
```

DELETE Command

```
DELETE definition-name;
```

DELETE Command (Editor)

```
DELETE [range]
```

DROP Statement

```
DROP [collection-name]
```

EDIT Command

```
EDIT definition-name [ADVANCED]
```

EDIT-STRING Clause

EDIT-STRING IS edit-string

ERASE Statement

ERASE [ALL [OF rse]]

EXTRACT Command

EXTRACT ON file-spec definition-name,...

FIND Statement

FIND rse

FINISH Command

FINISH [domain-name],...

FOR Statement

FOR rse statement

HELP Command

HELP [ADVANCED] topic,...

IF-THEN-ELSE Statement

IF boolean-expression THEN statement [ELSE statement]

INSERT Command (Editor)

INSERT [range]

MODIFY Statement

MODIFY [ALL] field-name,... [USING statement] [OF rse]

OCCURS Clause (Fixed-length Lists)

OCCURS number TIMES

OCCURS...DEPENDING Clause (Variable-length Lists)

OCCURS min-number TO max-number DEPENDING ON field-name

OPEN...CLOSE Commands

OPEN file-spec

.

.

CLOSE

PICTURE Clause

PIC IS picture-string

PRINT Statement

PRINT [ALL] [print-list-element],... [OF rse] [ON file-spec]

print-list-element: { data-item [format-modifier]
format-item
list-specification }

PRINT Statement (Report Writer)

PRINT print-list-element,...

print-list-element: { data-item [format-modifier]
format-item
list-specification }

QUERY-NAME Clause

QUERY-NAME IS query-name

QUERY-HEADER Clause

QUERY-HEADER IS "header-text" [/"header-text"]...

READY Command

READY domain-name [AS alias] [access]

access: { READ
WRITE
MODIFY }

REDEFINES Clause

alternate-field-name REDEFINES original-field-name

RELEASE Command

RELEASE { collection-name
table-name
variable-name } ,...

REPEAT Statement

REPEAT numeric-value statement

REPLACE Command (Editor)

REPLACE [range]

REPORT Statement

REPORT [rse] [ON file-spec]
Report Writer statement

END-REPORT

SELECT Statement

SELECT [record-specification] [collection-name]

record-specification: $\left. \begin{array}{l} \text{FIRST} \\ \text{NEXT} \\ \text{LAST} \\ \text{value} \end{array} \right\}$

SET Command

SET $\left. \begin{array}{l} \text{DICTIONARY [file-spec]} \\ \text{GUIDE} \\ \text{[NO] ABORT} \\ \text{[NO] PROMPT} \end{array} \right\}$

SET Statement (Report Writer)

SET $\left. \begin{array}{l} \text{COLUMNS-PAGE = number} \\ \text{DATE = "date"} \\ \text{LINES-PAGE = number} \\ \text{NO DATE} \\ \text{NO NUMBER} \\ \text{REPORT-NAME = "report-name"} \end{array} \right\}$

SHOW Command

SHOW $\left. \begin{array}{l} \text{ALL} \\ \text{collection-name} \\ \text{COLLECTIONS} \\ \text{CURRENT} \\ \text{definition-name} \\ \text{DICTIONARY} \\ \text{DOMAINS} \\ \text{FIELDS [FOR domain-name]} \\ \text{PROCEDURES} \\ \text{READY} \\ \text{RECORDS} \\ \text{TABLES} \end{array} \right\}$

SORT Statement

SORT [collection-name] BY [sort-order] field-name,...

sort-order: $\left. \begin{array}{l} \{ \text{ASCENDING} \} \\ \{ \text{DESCENDING} \} \end{array} \right\}$

STORE Statement

STORE domain-name [USING statement] [VERIFY USING statement]

Substitute Command (Editor)

S /target-string/substitution-string [/range]

THEN Statement

statement {THEN statement}...

USAGE Clause

USAGE IS {
DATE
DOUBLE
INTEGER
PACKED
REAL

VALID IF Clause

VALID IF boolean-expression

WHILE Statement

WHILE boolean-expression statement

PRO/DATATRIEVE Value Expressions and Examples:

Literals	"Balance:", 23
Variables	NEW-SALARY
Field names	SALARY
Prompting value expressions	*."prompt", **."prompt"
Date value expressions	"TODAY", "3-21-83"
Table value expressions	VIA table-name
Statistical expressions	AVERAGE, COUNT, MAX, MIN, TOTAL
Arithmetic expressions	+, -, *, /
Concatenated expressions	LAST-NAME " , " FIRST-NAME

Relational Operators:

EQUAL (EQ, =)
NOT-EQUAL (NE)
GREATER-THAN (GT, >)
GREATER-EQUAL (GE)
LESS-THAN (LT, <)
LESS-EQUAL (LE)
BETWEEN x AND y (BT)
CONTAINING (CONT)
IN
ANY rse

Boolean Operators:

AND
OR
NOT

Record Selection Expression (RSE):

A record selection expression (RSE) identifies the records you want to include in a record stream and consists of the following components:

