Chapter 8 MANAGING PROCESSING USING PROC SQL

There are several options that may be specified in the PROC SQL statement:

* INOBS= that restricts the number of input rows that PROC SQL acquires from any source. It is analogous to the SAS system option OBS= and is useful for debugging queries on large tables.

data one;

input id x$;

cards;

1 a

2 b

3 c

4 d

5 e

;

options nodate nonumber;

title;

proc sql inobs=3;

select \*

from one;

quit;

The output is

id x

ƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒ

1 a

2 b

3 c

* OUTOUBS= that restricts the number of output rows that PROC SQL displays or writes to a table.

proc sql outobs=4;

select \*

from one;

quit;

The output is

id x

ƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒ

1 a

2 b

3 c

4 d

* NUMBER|NONUMBER that specifies whether the output should include a column named ROW, which displays row numbers. NONUMBER is the default. This option is analogous to the OBS|NOOBS option in the PROC PRINT statement.

proc sql number;

select \*

from one;

quit;

The output is

Row id x

ƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒ

1 1 a

2 2 b

3 3 c

4 4 d

5 5 e

* DOUBLE|NODOUBLE that specifies whether the output should be double-spaced or not. The default is NODOUBLE. Double-spacing can make it easier to read the output. This option makes the plain text output in the output window double-spaced, but the html output remains the same.

proc sql double;

select \*

from one;

quit;

The output is

id x

ƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒ

1 a

2 b

3 c

4 d

5 e

RESETTING OPTIONS

To add, drop, or modify an option, use the RESET statement.

data one;

input id x$;

cards;

1 a

2 b

3 c

4 d

5 e

;

data two;

input id y$;

cards;

21 x

22 y

23 z

;

options nodate nonumber;

title;

proc sql outobs=2;

select \*

from one;

reset outobs= number;

select \*

from two;

quit;

The output is

id x

ƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒ

1 a

2 b

Row id y

ƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒƒ

1 21 x

2 22 y

3 23 z