

NEWPAGE

<pre> NEWPAGE [(rep)] [{ { EVEN [IF] TOP [OF] [PAGE] { { IF } } LESS [THAN] operand1 [LINES] [LEFT] { { WHEN } } } }] [[WITH] TITLE title-definition] </pre>
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This chapter covers the following topics:

- Function
- Syntax Description
- Example

For an explanation of the symbols used in the syntax diagram, see *Syntax Symbols*.

Related Statements: AT END OF PAGE | AT TOP OF PAGE | CLOSE PRINTER | DEFINE PRINTER | DISPLAY | EJECT | FORMAT | PRINT | SKIP | SUSPEND IDENTICAL SUPPRESS | WRITE | WRITE TITLE | WRITE TRAILER

Belongs to Function Group: *Creation of Output Reports*

Function

The NEWPAGE statement is used to cause an advance to a new page. NEWPAGE also causes any AT END OF PAGE and WRITE TRAILER statements to be executed. A default title containing the date, time of day, and page number will appear on each new page unless a WRITE TITLE, WRITE NOTITLE, or DISPLAY NOTITLE statement is specified to define specific title processing.

Notes:

1. The advance to a new page is not performed at the time when the NEWPAGE statement is executed. It is performed only when a subsequent statement which produces output is executed.
2. If the NEWPAGE statement is not used, page advance is controlled automatically based on the Natural profile/session parameter PS (Page Size for Natural Reports).

Syntax Description

Operand Definition Table:

Operand	Possible Structure	Possible Formats	Referencing Permitted	Dynamic Definition
<i>operand1</i>	C S	N P I	yes	no

Syntax Element Description:

(rep)	<p>Report Specification:</p> <p>The notation (<i>rep</i>) may be used to specify the identification of the report for which the NEWPAGE statement is applicable.</p> <p>A value in the range 0 - 31 or a logical name which has been assigned using the DEFINE PRINTER statement may be specified.</p> <p>If (<i>rep</i>) is not specified, the NEWPAGE statement will be applicable to the first report (Report 0).</p> <p>For information on how to control the format of an output report created with Natural, see <i>Controlling Data Output</i> (in the <i>Programming Guide</i>).</p>
EVEN IF TOP OF PAGE	This option is used to cause a new page (with corresponding AT TOP OF PAGE and page title processing) to be generated, even if a new page was initiated immediately before the NEWPAGE statement was encountered.
WHEN LESS THAN <i>operand1</i> LINES LEFT	This option is used to cause a new page to be generated when there are less than <i>operand1</i> lines left on the current page (current line count compared with value for the Natural profile/session parameter PS).
WITH TITLE <i>title-definition</i>	This option may be used to specify a title which is to be written to the new page generated. The <i>title-definition</i> is specified using the same syntax as described for the WRITE TITLE statement, except that the SKIP clause in a NEWPAGE WITH TITLE <i>title-definition</i> statement is not allowed.

Example

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** Example 'NWPEX1': NEWPAGE
*****
DEFINE DATA LOCAL
1 EMPLOY-VIEW VIEW OF EMPLOYEES
  2 CITY
  2 NAME
  2 SALARY (1)
  2 CURR-CODE (1)
END-DEFINE
*
LIMIT 15
READ EMPLOY-VIEW BY CITY FROM 'DENVER'
  DISPLAY CITY (IS=ON) NAME SALARY (1) CURR-CODE (1)
  AT BREAK OF CITY
  SKIP 1
  /*
  NEWPAGE WHEN LESS THAN 10 LINES LEFT
  WRITE '*****'
  / 'SUMMARY FOR ' OLD(CITY)
  / '*****'
  / '*****'
  / 'SUM OF SALARIES:' SUM(SALARY(1))
  / 'AVG OF SALARIES:' AVER(SALARY(1))
  / '*****'
NEWPAGE

```

/*
 END-BREAK
 END-READ
 END

Output of Program NWPEX1 - Page 1:

Page 1 05-01-18 10:01:45

CITY	NAME	ANNUAL SALARY	CURRENCY CODE
DENVER	TANIMOTO	33000	USD
	MEYER	50000	USD

 SUMMARY FOR DENVER

 SUM OF SALARIES: 83000
 AVG OF SALARIES: 41500

Output of Program NWPEX1 - Page 2:

Page 2 05-01-18 10:01:45

CITY	NAME	ANNUAL SALARY	CURRENCY CODE
DERBY	DEAKIN	8750	UKL
	GARFIELD	6750	UKL
	MUNN	8800	UKL
	MUNN	5650	UKL
	GREBBY	9550	UKL
	WHITT	8650	UKL
	PONSONBY	5500	UKL
	MAGUIRE	4150	UKL
	HEYWOOD	3900	UKL
	BRYDEN	6750	UKL
	SMITH	39000	UKL
	CONQUEST	45000	UKL
	ACHIESON	11300	UKL

 SUMMARY FOR DERBY

Output of Program NWPEX1 - Page 3:

DERBY	DEAKIN	8750	UKL
	GARFIELD	6750	UKL
	MUNN	8800	UKL
	MUNN	5650	UKL
	GREBBY	9550	UKL
	WHITT	8650	UKL
	PONSONBY	5500	UKL
	MAGUIRE	4150	UKL

HEYWOOD	3900 UKL
BRYDEN	6750 UKL
SMITH	39000 UKL
CONQUEST	45000 UKL
ACHIESON	11300 UKL

SUMMARY FOR DERBY

SUM OF SALARIES: 163750
AVG OF SALARIES: 12596
