

# 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*

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## 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		
operand1	C	S															yes	no

## Syntax Element Description:

Syntax Element	Description
<i>(rep)</i>	<p><b>Report Specification:</b></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	<p><b>EVEN IF TOP OF PAGE Option:</b></p> <p>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.</p>
WHEN LESS THAN <i>operand1</i> LINES LEFT	<p><b>WHEN LESS THAN ... LINES LEFT Option:</b></p> <p>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).</p>
WITH TITLE <i>title-definition</i>	<p><b>WITH TITLE Option:</b></p> <p>This option can be used to specify a title which is to be written to the new page generated.</p> <p>The <i>title-definition</i> is specified using the same syntax as described for the WRITE TITLE statement, except that the SKIP clause is not allowed in a NEWPAGE WITH TITLE <i>title-definition</i> statement.</p>

## Example

```

** 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:**

```

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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
*****

```