EJECT EJECT

EJECT

This chapter covers the following topics:

- Function
- Syntax Description
- Processing
- Example

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

Belongs to Function Group: Creation of Output Reports

Function

The EJECT statement may be used to control page advance/page ejection.

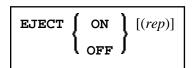
Syntax Description

Two different structures are possible for this statement.

- EJECT Syntax 1
- EJECT Syntax 2

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

EJECT - Syntax 1



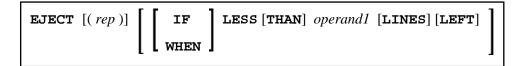
Syntax Element Description:

EJECT - Syntax 2

Syntax Element	Description			
EJECT ON/OFF	With Report Specification - Online and Batch Modes:			
(rep)	EJECT OFF (rep)	Causes no page advance (except as specified with Syntax 2 of the EJECT statement) for the specified report to be executed.		
	EJECT ON (rep)	Causes page advances for the specified report to be executed.		
EJECT ON/OFF	Without Report Specification - Batch Mode only:			
	mode to control p	Without report notation (rep), EJECT ON/OFF may be used in batch mode to control page ejection between the output listings created during the execution of a program.		
	EJECT ON	Causes Natural to generate a page eject between the source program listing, the output report and the message		
		EXECUTION COMPLETED		
		. This is the default setting.		
	EJECT OFF	Causes Natural to suppress page breaks between the above output. EJECT OFF remains in effect until revoked with a subsequent EJECT ON statement.		
(rep)	Report Specification:			
		The notation (rep) may be used to specify the identification of the report for which the EJECT statement is applicable.		
		A value in the range 0 - 31 or a logical name which has been assigned using the DEFINE PRINTER statement may be specified.		
		If (rep) is not specified, the EJECT statement will be applicable to the first report (Report 0).		
		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> .		

EJECT - Syntax 2

This form of the EJECT statement may be used to cause a page advance without a title or heading line being generated on the next page and without TOP/END PAGE processing.



Operand Definition Table:

Processing

Operand		Possib Structu	Possible Formats	Referencing Permitted	Dynamic Definition
operand1	C	S	N P I	yes	no

Syntax Element Description:

Syntax Element	Description
(rep)	Report Specification:
	The notation (rep) may be used to specify the identification of the report for which the EJECT statement is applicable.
	A value in the range 0 - 31 or a logical name which has been assigned using the DEFINE PRINTER statement may be specified.
	If (rep) is not specified, the EJECT statement will be applicable to the first report (Report 0).
	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> .
IF LESS THAN operand1 LINES LEFT	IF LESS THAN LINES LEFT Clause:
	A page advance will be performed only when the
	current line for the page is greater than the page size
	minus operand1. The value for operand1 may be specified as a numeric constant or as a variable.

Processing

The execution of an EJECT statement does not cause any statements used with an AT TOP OF PAGE, AT END OF PAGE, WRITE TITLE or WRITE TRAILER statement to be executed. It does not affect system functions evaluated by DISPLAY GIVE SYSTEM FUNCTIONS.

EJECT causes a new physical page only. It causes the Natural system variable *LINE-COUNT to be set to 1 but has no effect on the setting of the Natural system variable *PAGE-NUMBER.

Example

EJECT Example

```
FORMAT PS=15
LIMIT 9
READ EMPLOY-VIEW BY CITY
 AT START OF DATA
   EJECT
    WRITE /// 20T '%' (29) /
              20T '%%'
                                               47T '%%' /
              20T '%%' 3X 'REPORT OF EMPLOYEES' 47T '%%' /
              20T '%%' 3X ' SORTED BY CITY ' 47T '%%' /
              20T '%%'
                                               47T '%%' /
              20T '%' (29) /
   EJECT
  END-START
  EJECT WHEN LESS THAN 3 LINES LEFT
 WRITE '*' (64)
 DISPLAY NOTITLE NOHDR CITY NAME JOB-TITLE 5X *LINE-COUNT
 WRITE '*' (64)
END-READ
END
```

Output of Program EJTEX1:

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After pressing ENTER:

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*****	* * * * * * * * * * * * * * * * * * *	*******	
AIX EN OTHE	GODEFROY	COMPTABLE	5
******	* * * * * * * * * * * * * * * * * * *	*******	
*****	******	*******	
AJACCIO	CANALE	CONSULTANT	8
*****	* * * * * * * * * * * * * * * * * * *	*******	
*****	* * * * * * * * * * * * * * * * * * * *	*******	
ALBERTSLUND	PLOUG	KONTORASSISTENT	11
*****	* * * * * * * * * * * * * * * * * * *	*******	
*****	******	*******	
ALBUQUERQUE	HAMMOND	SECRETARY	14
*****	* * * * * * * * * * * * * * * * * * *	*******	
After pressing F	NTED.		

After pressing ENTER:

Example EJECT

ALBUQUERQUE	LINCOLN	ANALYST	8		
* * * * * * * * * * * * * * * * * * * *	*******	*****			
******	******	*****			
ALFRETON	GOLDBERG	JUNIOR	11		