RELEASE

```
           ┌                    ┐
           │  STACK             │
RELEASE  ⎨  SETS [set-name... ] ⎬
           │  VARIABLES         │
           └                    ┘
```
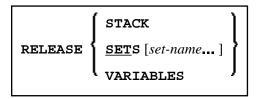
This chapter covers the following topics:

- Function

- Syntax Description

- Example

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

Related Statements: STACK | FIND with RETAIN option | DEFINE DATA GLOBAL

Function

The RELEASE statement is used to:

- delete the entire contents of the Natural stack;

- release sets of ISNs retained via a FIND statement that contained a RETAIN clause (applicable to Adabas databases only);

- reset global and application-independent variables.

Syntax Description

Operand Definition Table:

Operand	Possible Structure				Possible Formats										Referencing Permitted	Dynamic Definition
set-name	C	S			A										no	no

Syntax Element Description:

Syntax Element	Description
RELEASE STACK	Causes all data/commands currently in the Natural stack to be deleted.
RELEASE SETS	Is applicable to Adabas databases only. If only RELEASE SETS, without a *set-name*, is specified, all ISN sets retained with a FIND statement with a RETAIN clause will be released.

RELEASE SETS *set-name*	Causes a specific single ISN set to be released.
	
	`RELEASE SET 'CITY-SET'`
	
	`MOVE 'CITY-SET' TO #SET(A32)`
	`RELEASE SET #SET`

RELEASE VARIABLES	Causes all variables defined in the current global data area to be reset to their initial values. Also, it eliminates all application-independent variables (AIVs), thus making them no longer available.

Example

```
** Example 'RELEX1': FIND (with RETAIN clause and RELEASE statement)
************************************************************************
DEFINE DATA LOCAL
1 EMPLOY-VIEW VIEW OF EMPLOYEES
  2 CITY
  2 BIRTH
  2 NAME
*
1 #BIRTH (D)
END-DEFINE
*
MOVE EDITED '19400101' TO #BIRTH (EM=YYYYMMDD)
*
FIND NUMBER EMPLOY-VIEW WITH BIRTH GT #BIRTH
     RETAIN AS 'AGESET1'
IF *NUMBER = 0
  STOP
END-IF
*
FIND EMPLOY-VIEW WITH 'AGESET1' AND CITY = 'NEW YORK'
  DISPLAY NOTITLE NAME CITY BIRTH (EM=YYYY-MM-DD)
END-FIND
*
RELEASE SET 'AGESET1'
*
END
```

Output of Program RELEX1:

```
NAME                  CITY                DATE
                                            OF
                                          BIRTH
-------------------- -------------------- ----------

RUBIN                 NEW YORK            1945-10-27
WALLACE               NEW YORK            1945-08-04
```