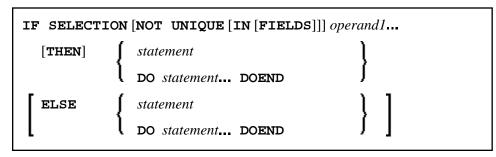
IF SELECTION

Structured Mode Syntax

IF	SELECTION [N	DT UNIQUE [IN [FIELDS]]] operand1			
[THEN] statement					
[ELSE statement]					
END-IF					

Reporting Mode Syntax



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: DECIDE FOR | DECIDE ON | IF

Belongs to Function Group: Processing of Logical Conditions

Function

The IF SELECTION statement is used to verify that in a sequence of alphanumeric fields one and only one contains a value.

Syntax Description

Operand Definition Table:

Operand	Possible Structure		Possible Formats	Referencing Permitted	Dynamic Definition
operand1	S	А	A U L C	yes	no

Syntax Element Description:

operand1	Selection Field:
	As operand1 you specify the fields which are to be checked.
	If you specify an attribute control variable (Format C), it is considered to contain a value if its status has been changed to MODIFIED.
	Note: To check if a specific attribute control variable has been assigned the status MODIFIED, use the MODIFIED option of, for example, an IF statement. This enables you to check that exactly one field was <i>modified</i> .
THEN	Statement(s) to be Executed:
statement	The statement(s) specified in the THEN clause will be executed if one of the following conditions is true:
	• None of the fields specified in <i>operand1</i> contains a value.
	• More than one of the fields specified in <i>operand1</i> contains a value.
	This statement is generally used to verify that a terminal user has entered only one function in response to a map displayed via an INPUT statement.
	Note: If <i>no</i> action is to be performed if one of the conditions is met, you specify the statement IGNORE in the THEN clause.
ELSE statement	In the ELSE clause, you specify the statement(s) to be executed if exactly one field contains a value.
END-IF	The Natural reserved word END-IF must be used to end the IF SELECTION statement.

Example

```
REINPUT 'Please enter one function only.'
END-IF
*
IF #A NE ' '
WRITE 'Function A selected.'
END-IF
IF #B NE ' '
WRITE 'Function B selected.'
END-IF
*
END
```

Output of Program IFSEL:

Select one function:

Function A: Function B:

After selecting and confirming function A:

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Function A selected.

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