

If conditional expression

Description

Same as a single-line If statement, except that the entire statement is evaluated as an expression, leaving only one of two values.

Syntax

If *test* Then *true_expression* [Else *false_expression*]

- OR -

If *test* Else *false_expression*

Parameters

The conditional If expression has the following parameters.

Parameter	Description
Test	An expression that equates to a Boolean value ¾ true (non-zero) or false (zero).
true_expression , false_expression	The conditional-expression If allows the test for a condition where a statement cannot be used (in other words, where only a single line is available, and it must evaluate as an expression). It returns one of two values, depending on the result of the test expression.

When test is true, then the value of *true_expression* is the result of the If expression. When the test is false (0 or null) the value of the *false_expression* is the result of the If expression. For example:

```
@ANS = If {CHANGED} Then "YES" Else "NO"
```

The dictionary record that contains the above code is used in a report that shows when a record has been changed. If the CHANGED field is not empty and contains anything other than a 0, then "YES" will be printed in the report.

The conditional-expression If must be written on a single line. The Then and Else clauses may only contain an expression.

Example

```
Function MAX (X,Y)
MAX=If X>Y Then X Else Y
Return MAX
```