

IF THEN ELSIF ELSE ENDIF

IF THEN [ELSIF] [ELSE] ENDIF action

Function Conditional execution of actions.

Declaration

```
IF expression1 THEN
...; actions 1
[ELSIF expression2 THEN]
...; actions 2
[ELSIF expression3 THEN]
...; actions 3
[ELSE]
...; actions 4
ENDIF
```

Parameters

expression1, expression2, expression3	in	Expressions of BOOL type.
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Description

Expression1, expression2, ... are evaluated in successive steps. When one of the expressions gains the value TRUE, then actions following this expression are to be executed up to the nearest **ELSIF**, **ELSE** or **ENDIF**. If any of the expressions does not gain the value TRUE, then the sequence of actions between the commands **ELSE - ENDIF** (they are optional) is to be executed.

If some of the expressions expression1, expression2, ... gains an invalid value, the action generates the error `_ERR_EXPRESSION_STATUS`.

Note

An equivalent of the action IF THEN [ELSIF] [ELSE] ENDIF may be coded using the conditional jump [IF GOTO](#) and the action [GOTO](#). The advantage of the action IF THEN [ELSIF] [ELSE] ENDIF is that there is no need to create labels and their names (it increases the code transparency).



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