

VAL

VAL returns a real value for numeric strings and zero for non-numeric strings and can check the value status of parameters ([PENDING](#), [DETERMINED](#), available)

Syntax

1. VAL(StrExpr\$)
2. VAL("PENDING:ParName")
3. VAL("DETERMINED:ParName")
4. VAL("VALUE:ParName")

Arguments

- StrExpr\$ is a string value or expression.
- "[PENDING:ParName](#)" returns 0 if ParName has a [DETERMINED](#) value and 1 if ParName has a [PENDING](#) value
- "[DETERMINED:ParName](#)" returns 1 if ParName has a [DETERMINED](#) value and 0 if ParName has a [PENDING](#) value
- "[VALUE:ParName](#)" returns value of ParName in tree status:
 - a. If ParName has a [DETERMINED](#) value this value will be returned.
 - b. If ParName is [PENDING](#):
 - If ParName has a [@PENDING:ParValue](#) attribute, ParValue will be returned
 - Else, a warning will be issued that the value for ParName is [PENDING](#) but the session will continue with ParValue=0.
- a. If ParName is not available in the knowledge base, a warning is issued, 0 will be returned and the session will continue.
- b. "[NullString](#)" is considered as a [DETERMINED](#) empty string

Remarks

1. "[NullString](#)" is considered as a [DETERMINED](#) empty string

Examples

VAL("445.02")

returns

445.02

VAL("[NullString](#)")

returns

0

VAL("Qknowledge")

returns

0

VAL("PENDING:X")

returns

0 if X has a [DETERMINED](#) value and

1 if X has a [PENDING](#) value

VAL("DETERMINED:X")

returns

1 if X has a [DETERMINED](#) value and

0 if X has a [PENDING](#) value

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