

# Expressions

## Mathematical expressions in eval tags and events

Mathematical expression determining the value of an object of [Eval tag](#) type may be, in dependence on the object configuration, evaluated either **periodically** or at the change of some operands (the parameter **Evaluation method** in the [configuration of eval tags](#)).

The mathematical expression used in the configuration of an object of the [Event](#) type is evaluated immediately as soon as the event evaluation reaches the line containing the given expression.

In both cases, the defined expression consists of [operands](#) and [operators](#).

Each expression in D2000 System in addition to the values specifies their [timestamps](#) "ValueTime".

The chapter [Usage of brackets in expressions](#) describes all possible types of brackets used in expressions and the chapter [Conditional expression](#) contains the rules for writing conditional expressions.



### Related pages:

[Admissible operands in expressions](#)  
[Operators in expressions](#)