

Avex

%AvexR function

Old name %AvexR

Function The function returns the time-weighted average of the values within an elapsed time period. The expression, that contains this function, must be evaluated on a change. The result is a real value. Note: Unlike the [Ave](#) function that publishes the preliminary average continuously (after each evaluation), the Avex publishes the result only when ResetTrigger=@TRUE.

Declaration

```
REAL %Avex(  
    REAL in Arg,  
    BOOL in ResetTrigger  
)
```

| | | |
|-------------------|---------------------|--|
| Parameters | Arg | Variable, which average is to be calculated. |
| | ResetTrigger | Change of the parameter into @TRUE state resets the average. |



Related pages:

[Implemented functions](#)
[Function arguments - types](#)