

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.



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