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 consists this function must be evaluated on a change. 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