

ARC_Derivation

%ARC_Derivation function

Function

The function returns the value derivation of specified object of the [Historical value](#) type.

Declaration

```
REAL %ARC_Derivation(  
    in archObject  
)
```

Parameters

archObject	Name of object of Historical value type.
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Description

The function returns the value derivation of the object specified by the parameter *archObject*.

Derivation is the increase (decrease) in value per second and may be expressed as follows:

$(curr. value - prev. value) / (curr. value time - prev. value time)$

i.e. previous value subtracted from current one and the result is divided by the result of the previous value time subtracted from current value time.



Related pages:

[Functions for calculated historical values](#)

[Function arguments - types](#)