

ARC_GetValue

%ARC_GetValue function

Function

Declaration

The function gets the value of the specified object of [Historical value](#) in defined time.

```
REAL %ARC_GetValue(  
    in archObject  
    TIME in time  
    BOOL in exact  
)
```

Parameters

Example

arch Object	Name of object of the Historical value type.
time	Archiving time.
exact	<p>The parameter is important in periodical archiving - defines the behaviour of the function if the archive database does not contain a value with the time specified by the parameter <i>time</i>. Possible values:</p> <ul style="list-style-type: none">• @TRUE - the function returns invalid value,• @FALSE - the function retrieves the value with nearest older time.

The statement in the example below calculates the difference between current value of the object *H.Arch1* and its value a minute ago.

```
H.Arch1 - %ARC_GetValue(H.Arch1, %NewTime(@EvalTime,0,0,0,-60), @FALSE)
```

Note

The system constant [@EvalTime](#) - [more information](#).



Related pages:

- [Functions for calculated historical values](#)
- [Function arguments - types](#)