

# ARC\_GetValue

## %ARC\_GetValue function

### Function

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

### Declaration

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

### Parameters

arch Object	Name of object of <a href="#">Historical value</a> 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"><li>• @TRUE - the function returns invalid value,</li><li>• @FALSE - the function retrieves the value with nearest older time.</li></ul>

### Example

The statement in the example below calculates the difference between current value of the object *H.Arc1* 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](#)