

# ibec\_CmpVals

Compares two values.

## Syntax

```
function ibec_CmpVals(Value1, Value2 : variant): variant;
```

## Description

The `ibec_CmpVals` compares `Value1` and `Value2` and returns 0 if they are equal.

If `Value1` is greater than `Value2`, `ibec_CmpVals` returns 1.

If `Value1` is less than `Value2`, `ibec_CmpVals` returns -1.

If it is impossible to compare values the function returns NULL.

## Example

```
execute IBEBlock
returns (iresult integer)
as
begin
    iresult = ibec_CmpVals(25, '25');
    suspend; /* Values are equal, iresult = 0 */

    iresult = ibec_CmpVals('25', 40);
    suspend; /* 25 is less than 40, iresult = -1 */

    iresult = ibec_CmpVals('ABC', 'abc');
    suspend; /* 'ABC' is less than 'abc', iresult = -1 */

    iresult = ibec_CmpVals(NULL, '25');
    suspend; /* NULL is less than any other value, iresult = -1 */

    iresult = ibec_CmpVals('25', NULL);
    suspend; /* Any value is greater than NULL, iresult = 1 */

    iresult = ibec_CmpVals(NULL, NULL);
    suspend; /* NULL is equal to NULL!!!, iresult = 0 */

    iresult = ibec_CmpVals('ABC', 25);
    suspend; /* Impossible to compare, iresult = NULL */
```

```
iresult = ibec_CmpVals('24.56', 24.56);  
suspend; /* Values are equal, iresult = 0 */  
end
```

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