

NDK_MAX

Last Modified on 04/15/2016 11:06 am CDT

- [C/C++](#)
- [.Net](#)

```
int __stdcall NDK_MAX(double * X,  
                    size_t  N,  
                    WORD   reserved,  
                    double * retVal  
                    )
```

Calculates the maximum value in a given sample.

Returns

status code of the operation

Return values

NDK_SUCCESS Operation successful

NDK_FAILED Operation unsuccessful. See [Macros](#) for full list.

Parameters

[in] **X** is the input data sample (a one dimensional array).

[in] **N** is the number of observations in X.

[in] **reserved** This parameter is reserved and must be 1.

[out] **retVal** is the calculated maximum value.

Remarks

1. The sample data may include observations with missing values (NaN)

Requirements

Header	SFSDK.H
Library	SFSDK.LIB
DLL	SFSDK.DLL

Examples

```
int NDK_MAX(double [] pData,
            UIntPtr nSize,
            short argMenthod,
            ref double retVal
            )
```

Namespace: NumXLAPI
Class: SFSDK
Scope: Public
Lifetime: Static

Calculates the maximum value in a given sample.

Return Value

a value from [NDK_RETCODE](#) enumeration for the status of the call.

NDK_SUCCESS operation successful
 Error Error Code

Parameters

- [in] **pData** is the input data sample (a one dimensional array).
- [in] **nSize** is the number of observations in pData.
- [in] **argMenthod** This parameter is reserved and must be 1.
- [out] **retVal** is the calculated maximum value.

Remarks

1. The sample data may include observations with missing values (NaN)

Exceptions

Exception Type	Condition
None	N/A

Requirements

Namespace	NumXLAPI
Class	SFSDK
Scope	Public

Lifetime	Static
Package	NumXLAPI.DLL

Examples

References

Hull, John C.; [Options, Futures and Other Derivatives](#) *Financial Times*/ Prentice Hall (2011), ISBN 978-0132777421

See Also

[template("related")]
