

- C/C++
- .Net

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

Calculates the minimum 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 pData.
- [in] **reserved** This parameter is reserved and must be 1.
- [out] **retVal** is the calculated minimum 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_MIN(double[] pData,
            UIntPtr nSize,
            short argMenthod,
            ref double retVal
            )
```

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

Calculates the minimum 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 minimum 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")]