NDK_HIST_BINS

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- C/C++
- .Net

```
int __stdcall NDK_HIST_BINS(double * pData,
                            size_t    nSize,
                            WORD   argMethod,
                            size_t * retVal
                            )
```

Returns the number of histogram bins using a given method.

Returns

status code of the operation

Return values

NDK_SUCCESS Operation successful

NDK_FAILED Operation unsuccessful. See **SFMacros.h** for more details.

See Also

NDK_HISTOGRAM()

Parameters

[in] **pData** is the input data series (one/two dimensional array).

[in] **nSize** is the number of elements in pData.

[in] **argMethod** is a switch to select the calculation method (1=Sturges's formula, 2=Square-root, 3=Scott's Choice, 4=Freedman-Diaconis choice, 5=Optimal (default)).

[out] **retVal** is the computed value.

```
int NDK_HIST_BINS(double[]    pData,
                  UIntPtr     nSize,
                  short       argMethod,
                  ref UIntPtr retVal
                  )
```

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

Returns the number of histogram bins using a given method.

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 series (one/two dimensional array).
[in]	**nSize**	is the number of elements in pData.
[in]	**argMethod**	is a switch to select the calculation method (1=Sturges's formula, 2=Square-root, 3=Scott's Choice, 4=Freedman-Diaconis choice, 5=Optimal (default)).
[out]	**retVal**	is the computed value.

Examples

References

Hamilton, J .D.; Time Series Analysis , Princeton University Press (1994), ISBN 0-691-04289-6

Tsay, Ruey S.; Analysis of Financial Time Series John Wiley & SONS. (2005), ISBN 0-471-690740

See Also

[template("related")]