SFDB_DTADJUST

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- C/C++
- .Net

```
int __stdcall SFDB_DTADJUST(LONG    argDate,
                            WORD    argNextPrev,
                            LPCTSTR holidays,
                            LPLONG  zDates,
                            size_t  nSize,
                            WORD    wkndNo,
                            LPLONG  retVal
                           )
```

Examines whether the given date falls on a weekend or a holiday (i.e. non-working day), and returns the nearest working business day using a Business Day Convention (BDC).

Returns

status code of the operation

Return values

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

See Also

SFDB_ISWRKDY()

Parameters

[in]	**argDate**	is a serial date number that represents a given date
[in]	**argNextPrev**	is the Business Day Convention (BDC): 1=Following, 2=Following Modified, 3=Preceding, 4=Preceding Modified, 5=Unadjusted (default
[in]	**holidays**	is a (:_:) separated list of holiday names, calendars, countries or currency
[in]	**zDates**	is an array of holidays dates; each expressed as a serial number (i.e. number of days since 1.1.1970)
[in]	**nSize**	is the number of holiday dates.
[in]	**wkndNo**	is the weekend number (1-7,11-17). If missing, the western weekend (i.e. 1, "Saturday, Sunday") is used.
[out]	**retVal**	is the dates of the nearest business day.

Examples:

dbm_rollover.cpp.

```
NDK_RETCODE DTADJUST(System.DateTime      argDate,
                     UInt16               argNextPrev,
                     string               holidays,
                     System.DateTime      zDates,
                     UInt16               wkndNo,
                     ref System.DateTime  retVal
                    )
```

Examines whether the given date falls on a weekend or a holiday (i.e. non-working day), and returns the nearest working business day using a Business Day Convention (BDC).

Return Value

a value from **NDK_RETCODE** enumeration for the status of the call.

NDK_SUCCESS operation successful
Error Error Code

Parameters

[in]	**argDate**	is a serial date number that represents a given date
[in]	**argNextPrev**	is the Business Day Convention (BDC): 1=Following, 2=Following Modified, 3=Preceding, 4=Preceding Modified, 5=Unadjusted (default
[in]	**holidays**	is a (:_:) separated list of holiday names, calendars, countries or currency
[in]	**zDates**	is an array of holidays dates; each expressed as a serial number (i.e. number of days since 1.1.1970)
[in]	**wkndNo**	is the weekend number (1-7,11-17). If missing, the western weekend (i.e. 1, "Saturday, Sunday") is used.
[out]	**retVal**	is the dates of the nearest business day.

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
* D. S.G. Pollock; Handbook of Time Series Analysis, Signal Processing, and Dynamics; Academic Press; Har/Cdr edition(Nov 17, 1999), ISBN: 125609906
* Box, Jenkins and Reisel; Time Series Analysis: Forecasting and Control; John Wiley & SONS.; 4th edition(Jun 30, 2008), ISBN: 470272848

See Also

[template("related")]