MAXDD

Updated: 31 Mar 2016

Use MAXDD to calculate the maximum drawdown based on net asset or portfolio values. The inputs into the function are dates and values and the maximum drawdown is calculated as the largest percentage drop in the asset values from peak to trough in chronological order.

Syntax

```
Public Shared Function MAXDD(
    ByVal PDate As Date(),
    ByVal PValue As Double(),)
```

Arguments

PDate

The date associated with *PValue*. *PDate* is an expression that returns an Array of **Date**, or of a type that can be implicitly converted to an Array of **Date**.

PValue

the net asset or portfolio value. *PValue* is an expression that returns an Array of **Double**, or of a type that can be implicitly converted to an Array of **Double**.

Return Type

Double

Remarks

- Returns are calculated by sorting *PValue* in chronological order based on *PDate* and calculating the largest percentage drop from peak to trough.

See Also

- EQALPHA - Intercept of the security characteristic line between an asset and a specified benchmark
- EQBETA - Correlated volatility (beta) between an asset and a specified benchmark
- EQVOLATILITY - Historical volatility based upon price or valuation data
- INFORATIO - Information ratio based upon return data
- INFORATIO2 - Information ratio based upon price or valuation data
- MAXDD2 - Maximum drawdown based on net asset or portfolio returns
- MOIC - Multiple of Invested Capital
- SHARPE - Sharpe ratio based upon return data
- SHARPE2 - Sharpe ratio based upon price or valuation data
- SORTINO - Sortino ratio based upon return data
- SORTINO2 - Sortino ratio based upon price data
- TREYNOR - Treynor ratio based upon return data
- TREYNOR2 - Treynor ratio based upon price or valuation data