



S-Trader





SMA | Simple Moving Average

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Description

A Simple Moving Average (SMA) is a type of moving average whereas same weight is given to all data in the series regardless it was received at the beginning, in the middle or at the end of the series. Consequently, this type of moving average reacts slower to recent price changes than an exponential moving average or a weighted moving average.

Formula

$$SMA_n = (Value_1 + Value_2 + \dots + Value_n) / n$$

Parameters

Source	Any price source (O, H, L, C, Vol, OI) or any other built-in or custom study
Periods	Any number of periods

Output value(s)

There is a single output value resulting from the formula, the Single Moving Average.

Plot

The plot is an overlay inside the price series panel.




Quant Script™ Syntax

Short Form	<i>SMA</i> (Source, Periods)
Long Form	<i>SimpleMovingAverage</i> (Source, Periods)

Dialogs

Chart Study Dialog

 Simple MA

×

Indicator Parameters

Source @ESH18.open

Period 8

Series Configuration

Main Line Dash 2

☐ Save as Default Setting

Add Cancel

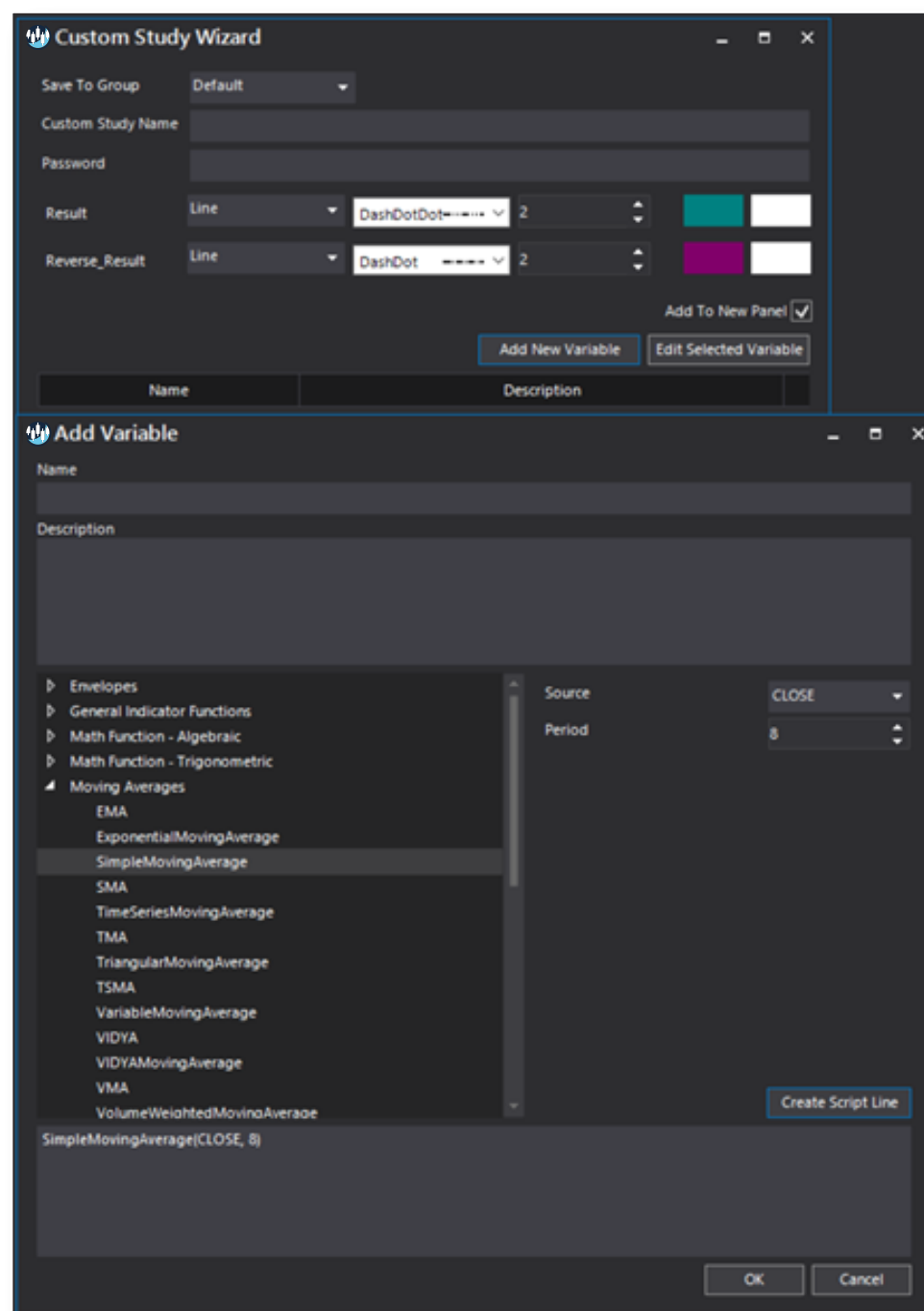


Sample Chart With Study





Quant Script™ Wizard Study Dialog





Quant Script™ Study Dialog

Custom Study Editor

Save To Group: 1_MOVING_AVERAGES A 8.25

Custom Study Name: SMA

Password:

Result: Line DashDotDot 2 █ █

Reverse_Result: Line DashDot 2 █ █

Formula Add To New Panel ☒

```
SET RESULT = SMA(CLOSE,8)
SET REVERSE_RESULT = SimpleMovingAverage(CLOSE,8)
```

OK Cancel