S-Trader

ROC | Rate Of Change

Contents

Description ---- 3
Formula ---- 3
Parameters ---- 3
Output value(s) ---- 3
Plot ---- 3
Quant Script™ Syntax ---- 4
Dialogs ---- 4
Chart Study Dialog ---- 4
Sample Chart With Study ---- 5
Quant Script™ Wizard Study Dialog ---- 6
Quant Script™ Study Dialog ---- 7

Description

The Rate of Change (ROC) is a technical indicator of momentum that measures the percentage change in value between the current value and the value n periods in the past.

Formula

Step 1: ROC = 100 * (Most Recent Value – Value *n* Periods ago) / Value *n* Periods ago.

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 one output value resulting from the formula, the Rate Of Change.

Plot

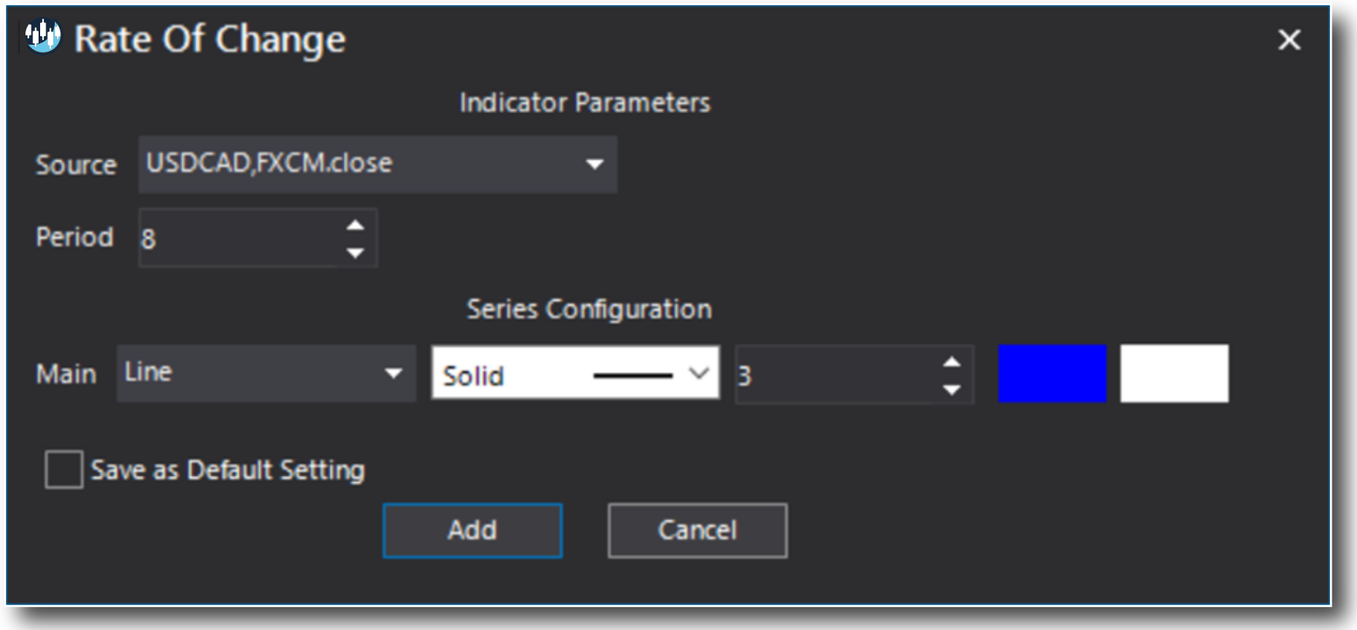
The plot is in a separate panel at the bottom.

Quant Script™ Syntax

Short Form	***ROC*** (Source, Periods)
Long Form	***RateOfChange*** (Source, Periods)

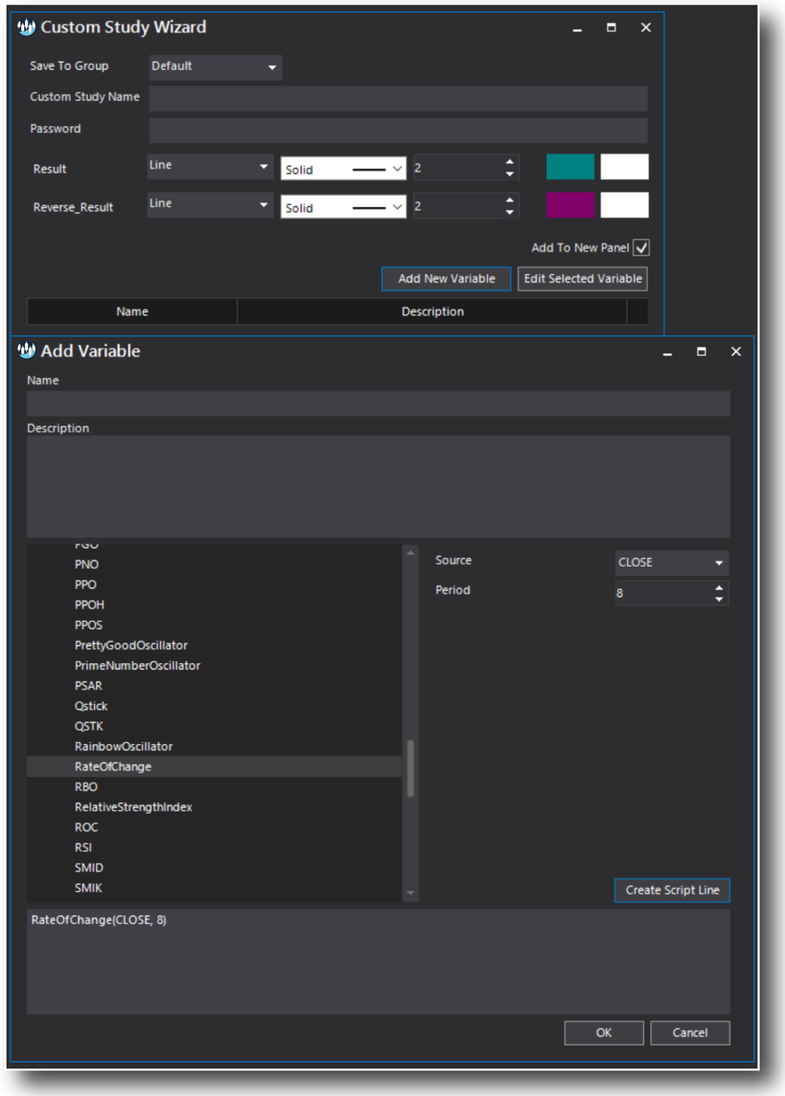
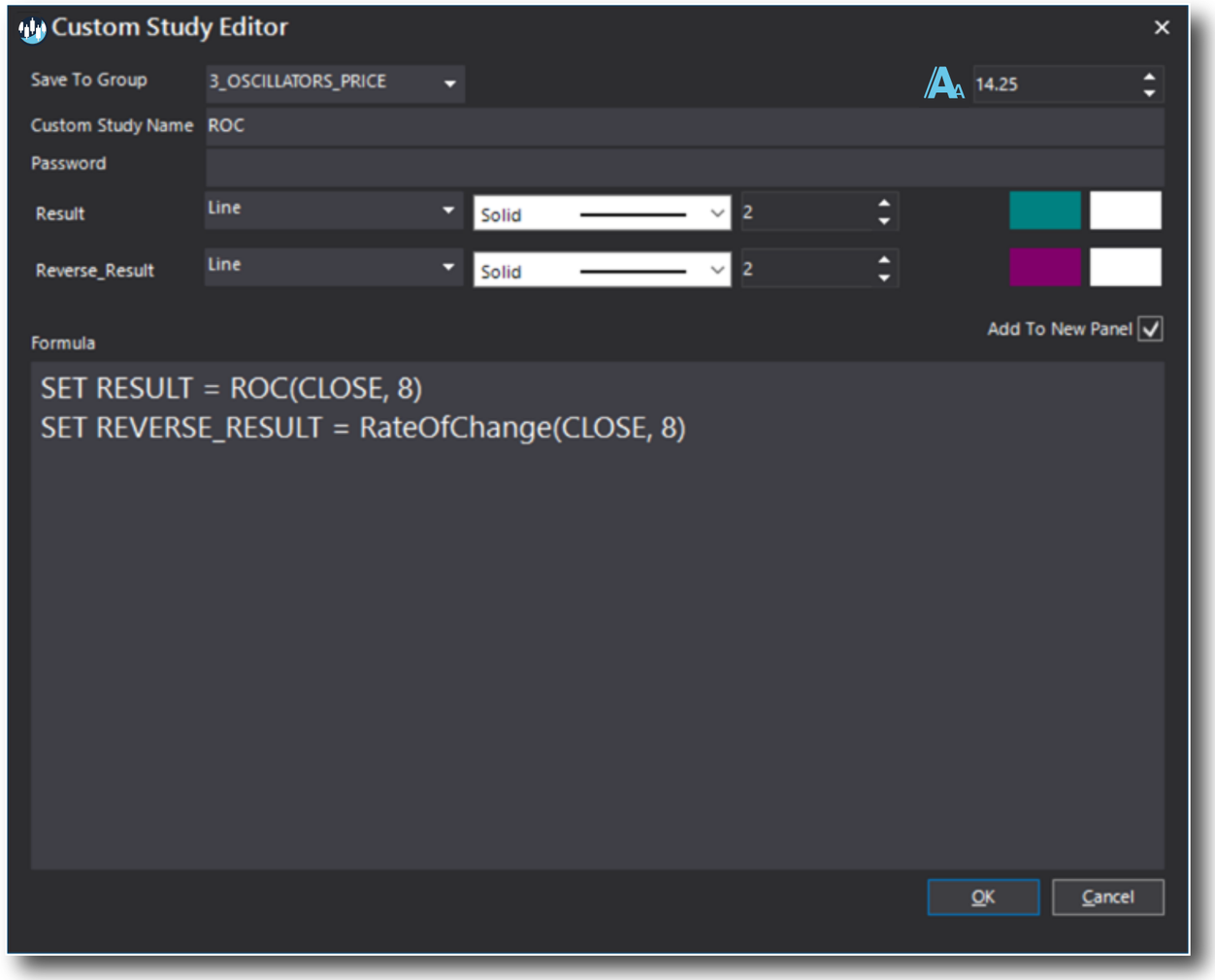
Dialogs

Chart Study Dialog



Sample Chart With Study

Quant Script™ Wizard Study Dialog



Quant Script™ Study Dialog