



Brainy's Articles on BullCharts

BullScript — for beginners

Article No:
BC-50-100
page 1 of 5
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Introduction

The BullScript programming language is used in the BullCharts charting software to define technical analysis chart indicators, and BullCharts scans. For most BullCharts users most of the time, there is no need to look at the underlying programming script because the BullCharts menu options and the drop-down selections enable users to adjust the chart indicator parameters and the scan criteria details for the majority of requirements. However, there can be times when a BullCharts user might want to tweak the underlying BullScript code, or perhaps even write their own code.

This article in Brainy's series on BullCharts (number BC-50-100) is a very basic introduction to the BullCharts scripting language, intended for beginners and novices. It explains key elements of BullScript in very basic terms. In the example shown and explained below, we look at using BullScript in a chart indicator, and in particular for the Moving Average chart indicator.

Preamble

Firstly, let's describe and explain some of the basics of the BullScript programming language.

<p>Three price variables:</p> <p>high</p> <p>low</p> <p>close</p> <p>Note: These price variables can be abbreviated to just the first letter, and they can be upper or lower case:</p> <p>H</p> <p>L</p> <p>C</p>	<p>These three price variables are samples of how BullCharts handles the security price data (there are others — open, trades, volume, value).</p> <p>The variable high represents the high price for all bars across the price chart. With reference to Figure 1 below, understand that each high price on the chart is stored within the price variable called high. That is, it is a single-dimension matrix containing a list of all the price high values. In fact, for the period shown on the chart here from 10 to 25 January, the high values are:</p> <p>\$37.72, \$37.20, \$36.64, \$36.70, \$36.40, \$36.65, \$36.72, \$36.54, \$36.85, \$37.15, \$37.22 and \$37.27.</p>
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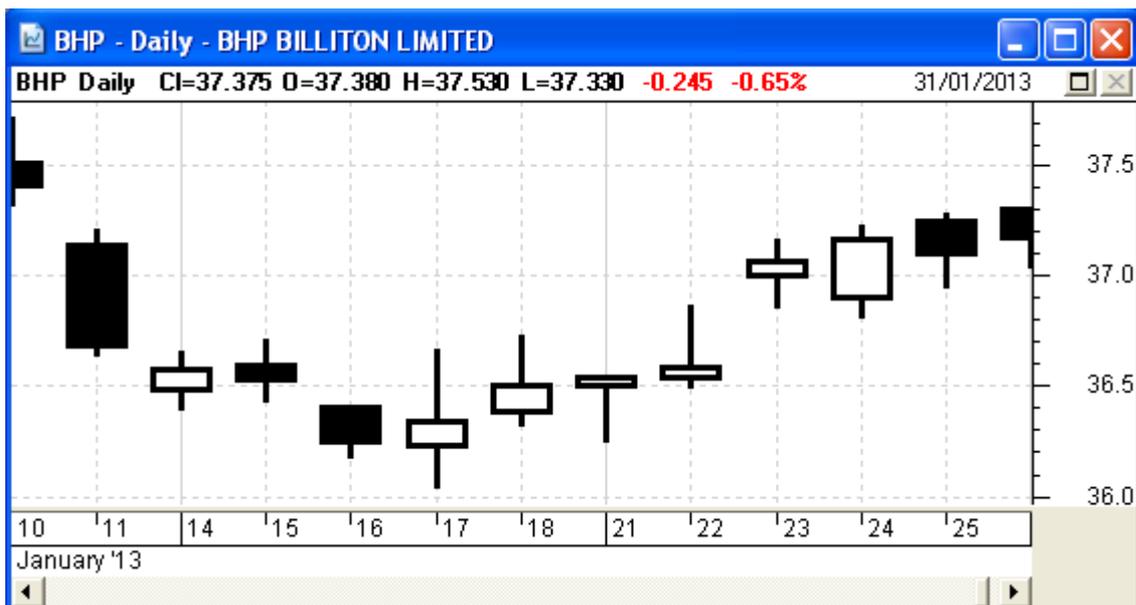


Figure 1: Daily candlestick price chart for BHP.

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