

Ninja Trader - Using hidden data series to add a 'guidance chart'

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1. Starting with a new chart, add the symbols in two time frames & set the larger time frame as a hidden data series
 - A. Click on File > New > Chart
 - B. Select symbol from the instrument list ie ES 3-16 > Click New > then set the data series' Period – Type: ie minutes & Value: ie 3
 - C. Select the the symbol again > Click New - you should see the symbol listed twice
 - D. Then set the second data series' Period – Type: ie minutes & Value: ie 10
 - E. In order to turn use the second data series as a 'hidden data series', you'll set Candle Outline, Color for Down Bars, Color for Up Bars, and Wick as 'Transparent'. You'll find these parameters under 'Chart Style'.
 - F. Finally, set the hidden data series to plot in Panel 1. You'll find this parameter under 'Visual'
 - G. Click OK

This process is illustrated in the following video: [Click here to watch the video](#). For additional support for Ninja Trader platform functionality, contact Ninja Trader support.

2. The chart will look like a standard chart, but we will be able to add indicators to both time frames. Click on the indicators icon or ctrl +I for indicators – if you're not signed in to use the AbleTrend add-on, a login box will appear
3. Typically, we will use AbleTrend TS for the shorter time frame in data series 1, and AbleTrend 2 for the guidance time frame in the hidden data series
4. Another best practice here is to adjust the plot style for the guidance dots to help distinguish the signals from the guidance. With AbleTrend 2 highlighted click on the + to expand the plot style for the BuyStop and SellStop, under Plots. Typically, we will set the width to 5 or 6.