

Here is the basic process...

1. OHLC Chart
2. Import OHLC values for a date range (past to current) into the Chart
3. Draw a Trendline (right ray) through the data
4. Add blank (future date times) on the X Axis such that it extends into the blank section of the chart (DateTime intervals are "future" the DateTime has not occurred yet, so obviously there is no OHLC information to scale the Y Axis...)
5. Using the viewport feature I "scroll" from historical (left), through current (middle), to future dates (rightmost end of the Chart).
6. Once the last OHLC bar scrolls off the viewport .... the Trendline (at some Y Axis value, doesn't matter) becomes the "first" value of the Y Axis range (i.e. "the Trendline goes to the bottom of the chart")
7. I'm sure there is a way to programmatically set the range of Y Axis Values (instead of the control selecting them automatically from the OHLC data...) so that the right-most visible portion of the Trendline (in the current viewport) remains at a similar aspect (i.e. how do I programmatically set a Y Axis Range that makes sense to viewing the Trendline in the absence of OHLC values that would normally drive the Y Axis range.)
8. Images represent (a) Trendline viewport with all Bars, (b) ... with partial Bars, (c) ... with no Bars (i.e. all "future" DateTime)
9. Goal is to have the (c) viewport represent the Trendline in similar appearance to (a) by setting the Y Axis range at (c) to do so... and also set it dynamically as the viewport scrolling continues to move into the future datetimes and changes the Trendline Value at the rightmost point... because the Trendline is at an angle, the range has to be calculated based on the Trendlines value as it changes...