

jCandle - Technical Chart Analysis - Manual

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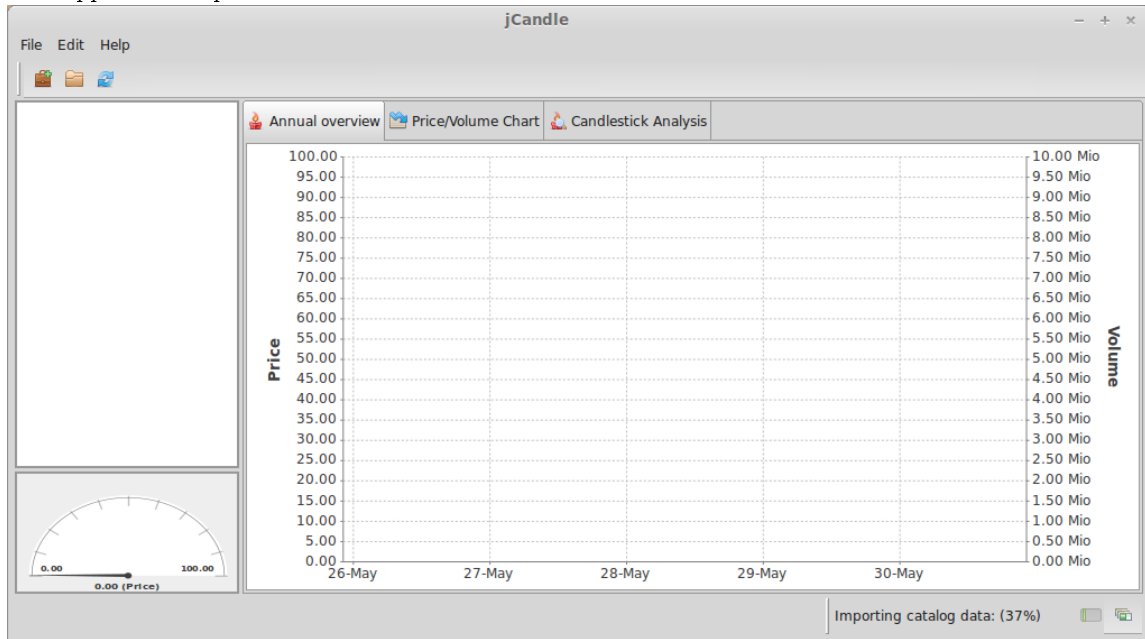
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1 Getting Started

Start jCandle over the operating system dependent application starter:

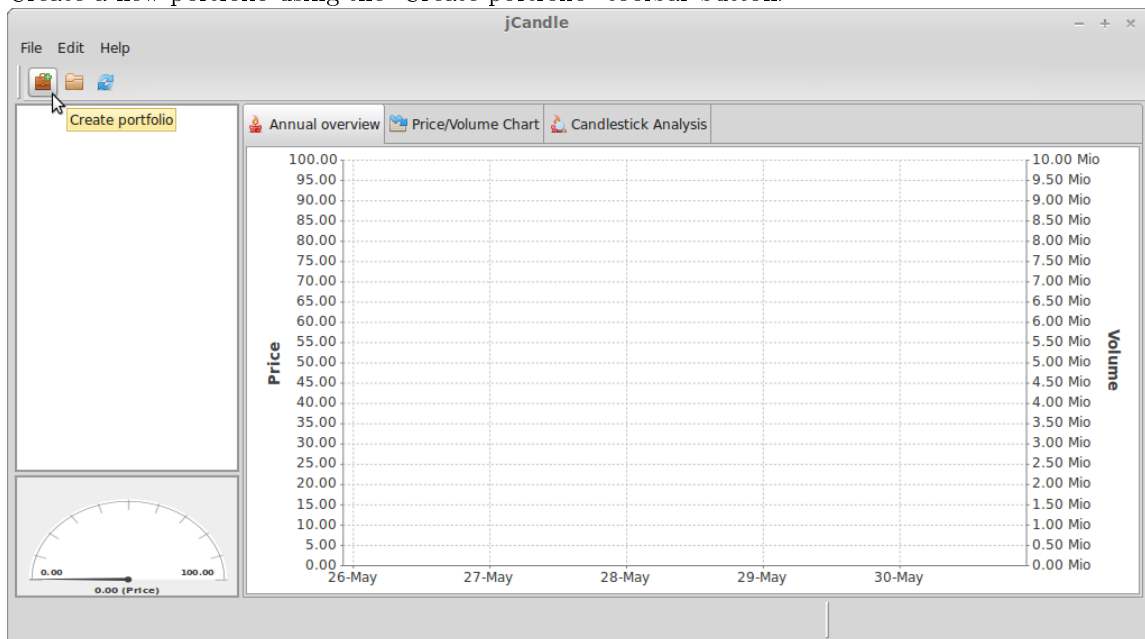
- jcandle.sh on Linux
- jcandle.exe on Windows
- jcandle.app on Mac OS

The application opens a GUI as shown in the screen shot below:



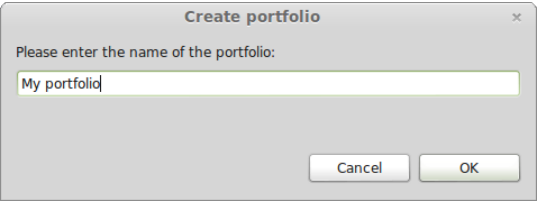
Note: wait until all catalog files have been imported into the local database. The progress of the catalog import will be shown in the left corner of the status bar.

Create a new portfolio using the "Create portfolio" toolbar button:

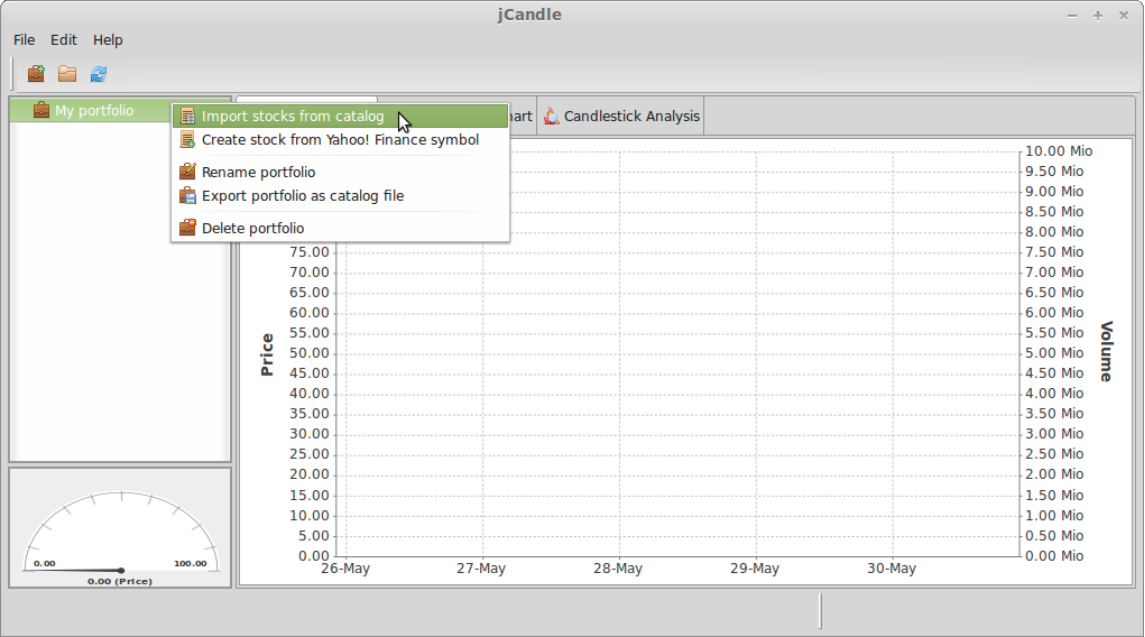


Note: the portfolio is the container for stocks, a portfolio can be used to categorize stocks for different needs.

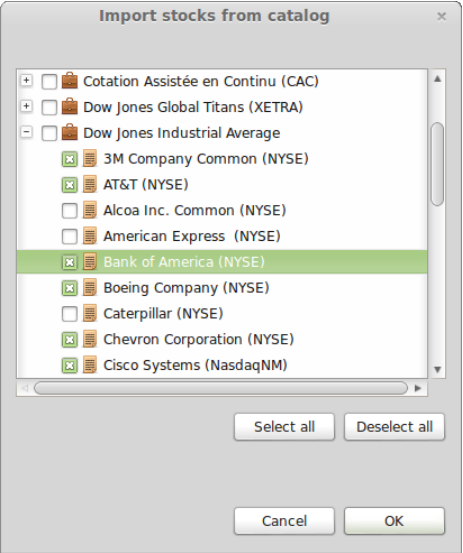
An input dialog appears on screen. Enter the name for the portfolio and click on the “OK” button:



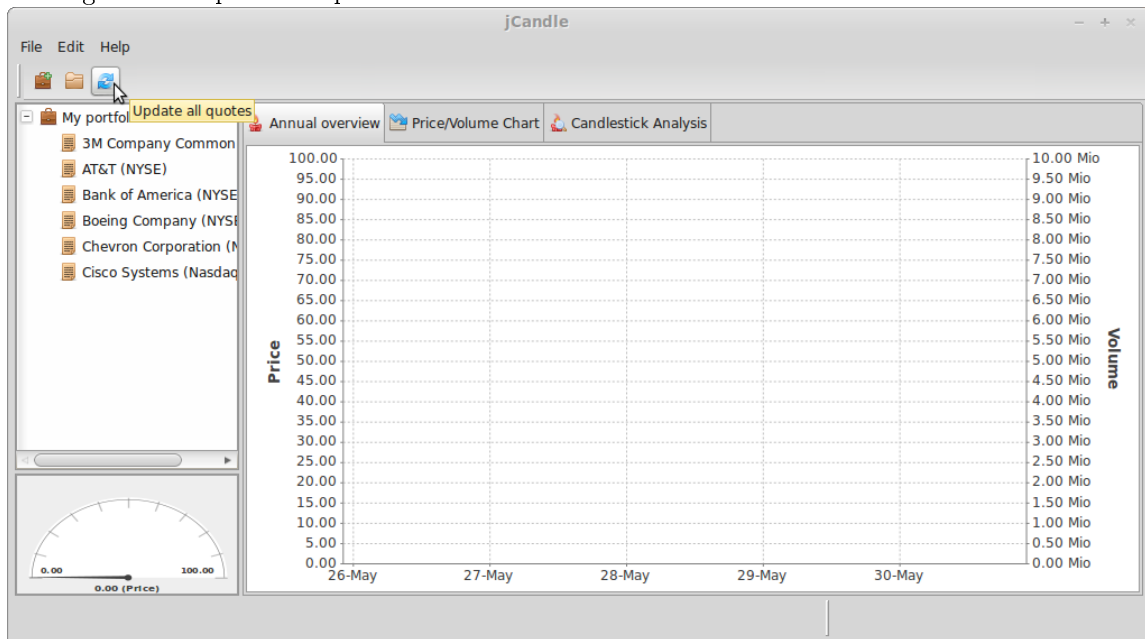
The created portfolio is shown in the tree at the left side of the window. Right click on the created portfolio to open the pop-up menu and select the menu item “Import stocks from catalog”:



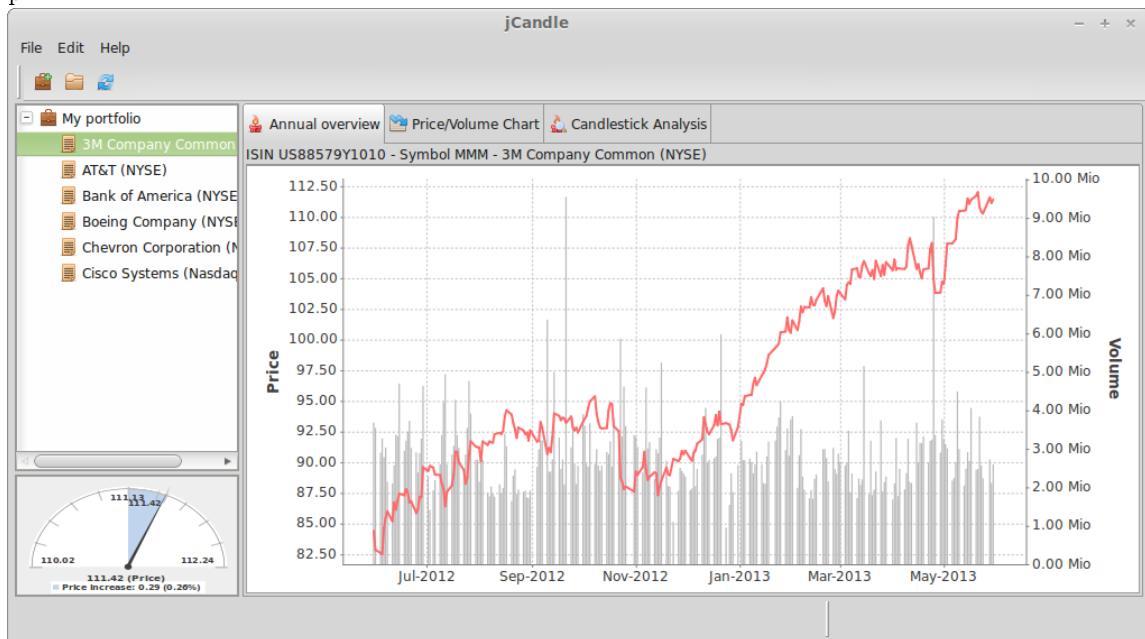
Select your stocks from the selection dialog and click on the “OK” button:



The selected stocks have been added to your portfolio. Now update the quotes of all stocks by clicking on the “Update all quotes” button on the toolbar:



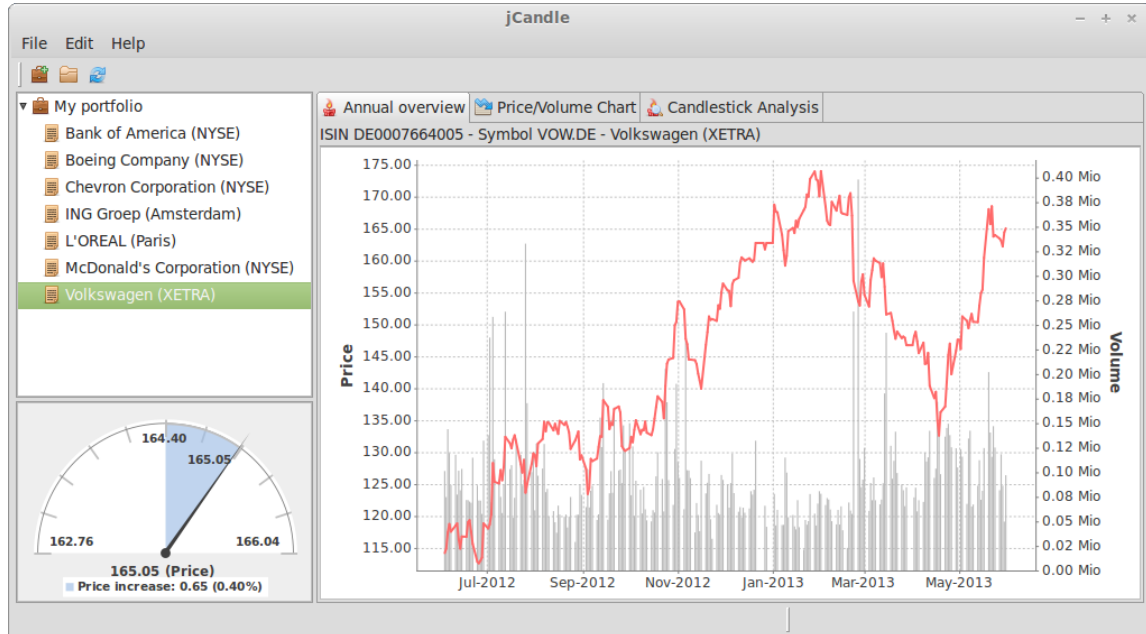
After the update progress has been finished, you will see the current chart of all stocks in your portfolio:



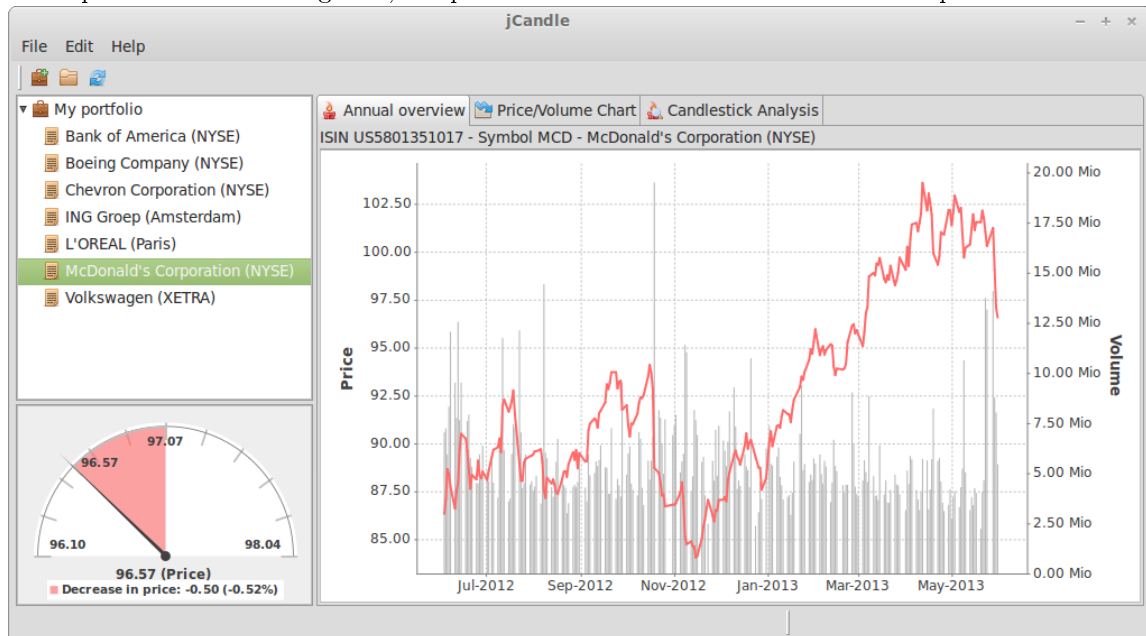
2 Using the profit meter

The profit meter shows the price development for a stock. By default the profit meter shows the price difference between the current day and the last day.

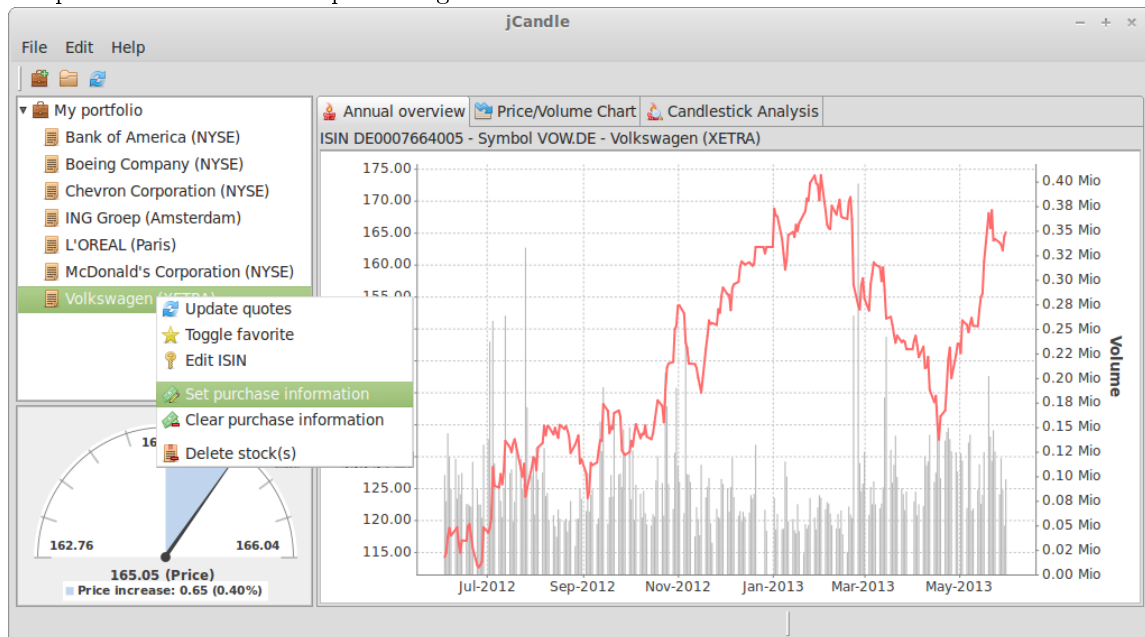
If the price of the current day is higher than the price of the day before, the profit meter will show the price difference as a blue pie slice:



If the price difference is negative, the profit meter shows the difference as a red pie slice:



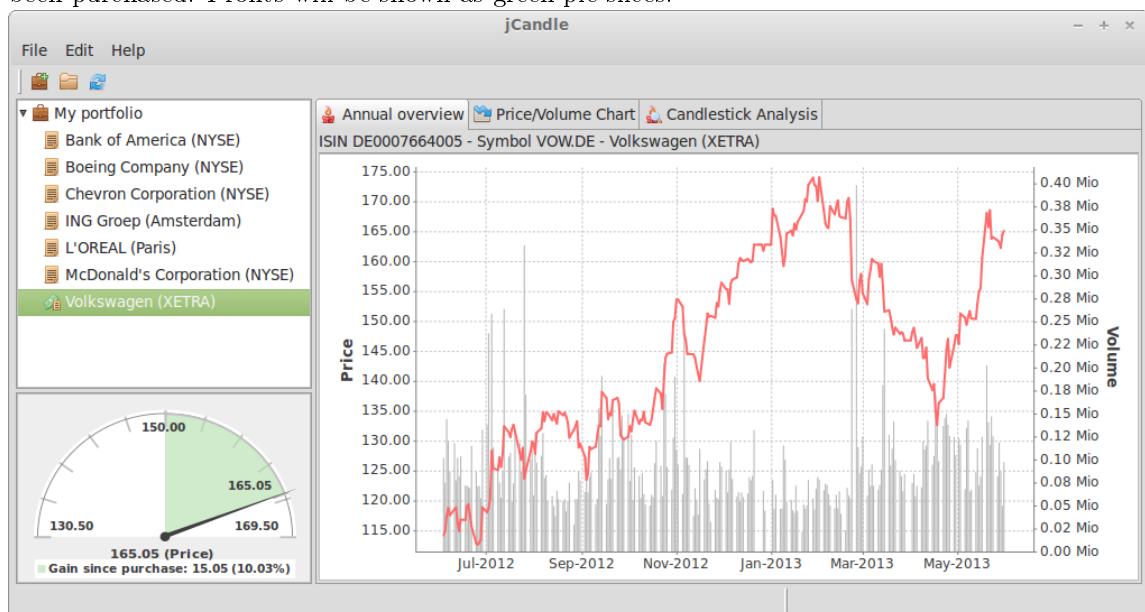
You can set purchase information for a stock. To set the purchase information right click on a stock to open its context menu. Click on the “Set purchase information” menu element to open the purchase information input dialog:



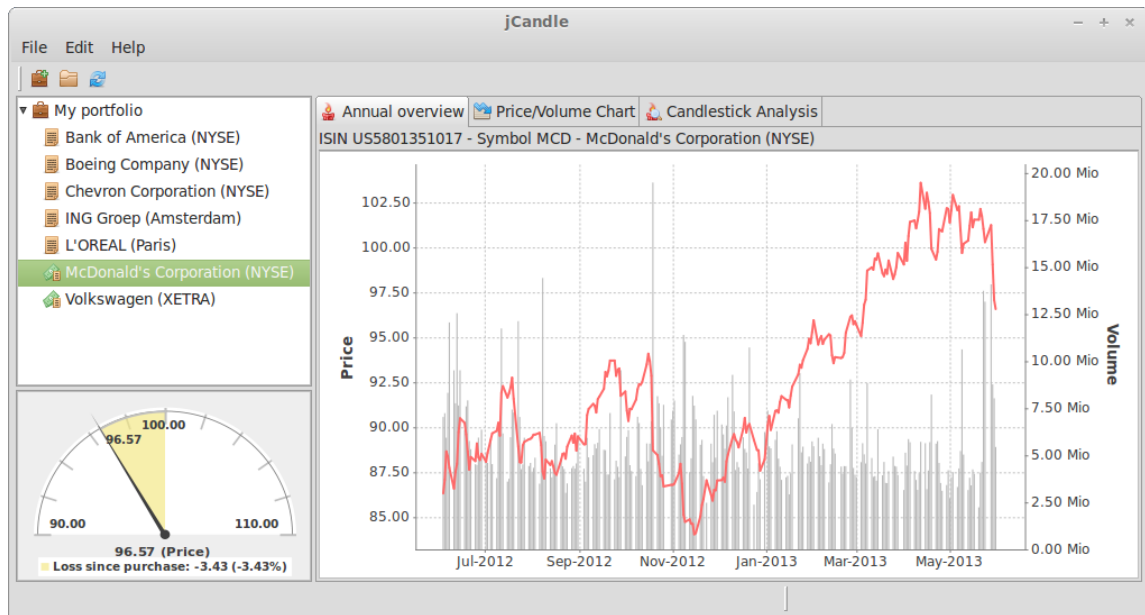
Enter the total purchase price and the amount of stocks purchased. Click on the “OK” button to set the purchase information:

The dialog box for setting purchase information. It contains two input fields: 'Total price:' with the value '150,00' and 'Stocks purchased:' with the value '1'. At the bottom are 'Cancel' and 'OK' buttons.

With purchase information set the profit meter shows the total profit or loss since the stock has been purchased. Profits will be shown as green pie slices:



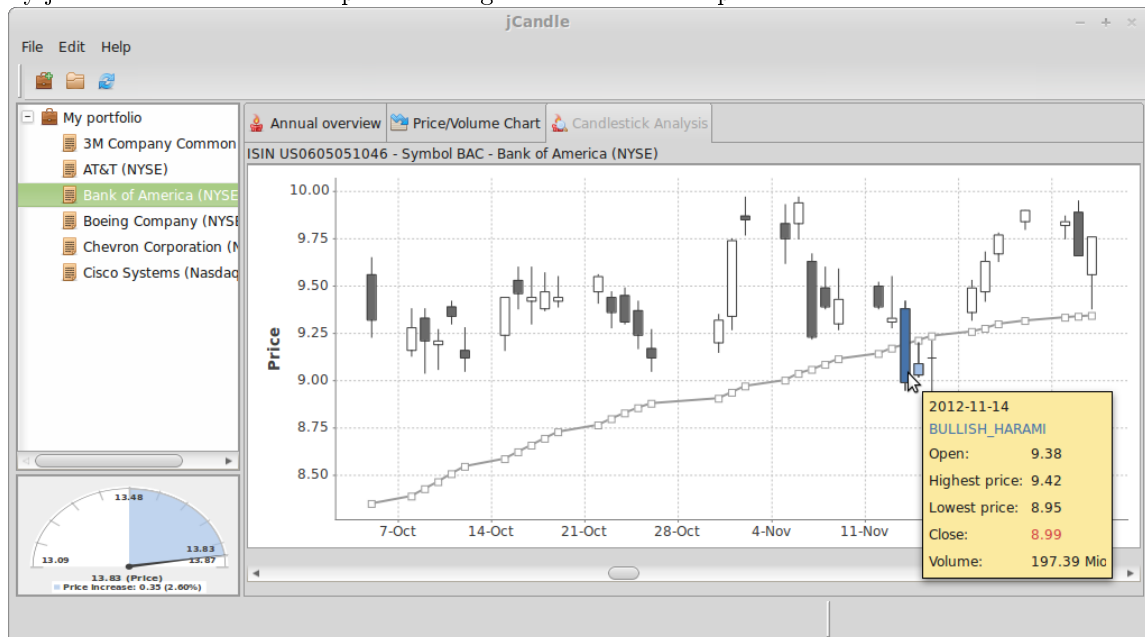
Losses will be shown as orange slices:

















3 The candlestick analysis

The most important component of jCandle is the candlestick analysis. The candlestick analysis view displays all price information of a stock as candlestick chart. The view highlights the reversal patterns detected. Bullish candlestick patterns will be highlighted blue, bearish candlestick patterns will be highlighted red.







The following screenshot shows a candlestick chart where a “Bullish Harami” pattern has been fulfilled at the Nov. 15th. The “Bullish Harami” is a weak indicator, but could be a reversal pattern for an uptrend. The tables on the next page shows a list of all reversal patterns detected by jCandle. The tables are split in strong and weak reversal patterns.



jCandle detects the strong reversal patterns listed by the table below:

Bearish reversal patterns (strong)	Bullish reversal patterns (strong)
 <p>Evening Doji Star</p>	 <p>Morning Doji Star</p>
 <p>Evening Star</p>	 <p>Morning Star</p>
 <p>Bearish Engulfing Pattern</p>	 <p>Bullish Engulfing Pattern</p>
 <p>Dark Cloud Cover</p>	 <p>Piercing Pattern</p>
 <p>Shooting Star</p>	 <p>Inverted Hammer</p>
 <p>Bearish Doji Star</p>	 <p>Bullish Doji Star</p>
 <p>Hanging Man</p>	 <p>Hammer</p>

And the table below contains the weak reversal patterns detected by jCandle:

Bearish reversal patterns (weak)	Bullish reversal patterns (weak)
 <p>Three Crows</p>	 <p>Three White Soldiers</p>
 <p>Bearish Harami Cross</p>	 <p>Bullish Harami Cross</p>
 <p>Bearish Harami</p>	 <p>Bullish Harami</p>

References

- [1] Steve Nison. *Japanese Candlestick Charting Techniques*. NYIF, 2nd edition, 2001.