```python
## A very simple Moving Average Crossover strategy

def initialize():
    storage.invested = False

def tick():
    short_term = data.btc_usd.ma(7)
    long_term = data.btc_usd.ma(30)

    if (short_term > long_term) and not storage.invested:

        buy(pairs.btc_usd)
        storage.invested = True

    elif (short_term < long_term) and storage.invested:

        sell(pairs.btc_usd)
        storage.invested = False

    # Plot to the chart
    plot('short_term', short_term)
    plot('long_term', long_term)

def stop():
    # Clear our position
    if storage.invested:
        sell(pairs.btc_usd)
```

Moving Average Crossover

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```
[2014-03-02 23:00:00] BUY: 1.76709666 BTC (at 565.90 USD)
[2014-03-04 17:00:00] SELL: 1.76356247 BTC (at 657.256 USD)
[2014-03-05 20:00:00] BUY: 1.77150657 BTC (at 653.00 USD)
[2014-03-06 08:00:00] SELL: 1.76796356 BTC (at 647.90 USD)
[2014-03-08 11:00:00] >> Starting portfolio:
[2014-03-08 11:00:00] >> [1000.00 USD]
[2014-03-08 11:00:00] >> Closing portfolio:
[2014-03-08 11:00:00] >> [1143.17266399 USD]
[2014-03-08 11:00:00] >> Profit: 143.17266399 USD
```

Backtesting

2014-03-02 15:00:00 ▼ to 2014-03-08 12:00:00 ▼