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## How do I scan for a stock between 2 moving averages after a crossover?

Hello there,

**1** Here is a scan for when moving average have crossed over and the stock enters the space in between them.

However it also scans for Higher High and Higher Lows, and visa verso for going short.

**1** Could somebody help me modify it so that, it just scans if a stock falls inbetween the 2 moving averages after a crossover.

e.g 10 MA move about 30 MA - stock in uptrend, and then the stock falls well below the 10, to identify a long position.

```
[type = stock] and [country = us] and [daily ema(60,daily volume) > 150000] and [daily high < yesterday's daily high]
and [yesterday's daily high < 2 days ago daily high] and [sma(10, close) > ema(30, close)]and [daily close > daily
ema(30,daily close)]and [daily close < daily sma(10,daily close)]and [daily close > daily sma(200,daily close)]and
[weekly sma(10,weekly close) > weekly ema(30,weekly close)]and [ADX Line(10) > 20.0]and [close >= 5]
```

Many Thanks

[moving-average](#) [scan](#) [modify](#) [crossover](#)

edited Dec 27 '11 at 21:13

 markk  
3.2k • 7 • 11

asked Nov 25 '11 at 05:29

 monkey180  
107 • 10 • 13

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Asked: Nov 25 '11 at 05:29

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**1** This scan will pick up symbols between the 10 & 30 d SMA today that weren't between them yesterday (result = 22 today):

```
// general criteria
```

```
[type = stock] and
```

```
[country = us] and
```

```
[daily sma(30,daily volume) > 500000] and
```

```
[daily sma(10,daily close) > 10] and
```

```
[
```

```
[
```

```
// fast average lower than slow average
```

```
[
```

```
[daily sma(10,daily close) < daily sma(30,daily close)] and
```

```
// verify close between two averages today
```

```
[daily close > daily sma(10,daily close)] and
```

```
[daily close < daily sma(30,daily close)] and
```

```
// verify close wasn't between two averages yesterday
```

```
[
```

```

[yesterday's daily close <= yesterday's daily sma(10,daily close)] or

[yesterday's daily close >= yesterday's daily sma(30,daily close)]

]

]

]
or
[

// fast average higher than slow average

[

[daily sma(10,daily close) > daily sma(30,daily close)] and

// verify close between two averages today

[daily close < daily sma(10,daily close)] and

[daily close > daily sma(30,daily close)] and

// verify close wasn't between two averages yesteray

[ [yesterday's daily close >= yesterday's daily sma(10,daily close)] or

[yesterday's daily close <= yesterday's daily sma(30,daily close)]

]

]

]

]

```

[link](#)

edited Nov 25 '11 at 20:03

answered Nov 25 '11 at 20:02

markk  
3.2k • 7 • 11

Here's the scan.

**1**

```

[type = stock] and [country = us] and
[close >= 5] and [daily ema(60,daily volume) > 150000] and

[daily high < yesterday's daily high] and
[yesterday's daily high < 2 days ago daily high] and

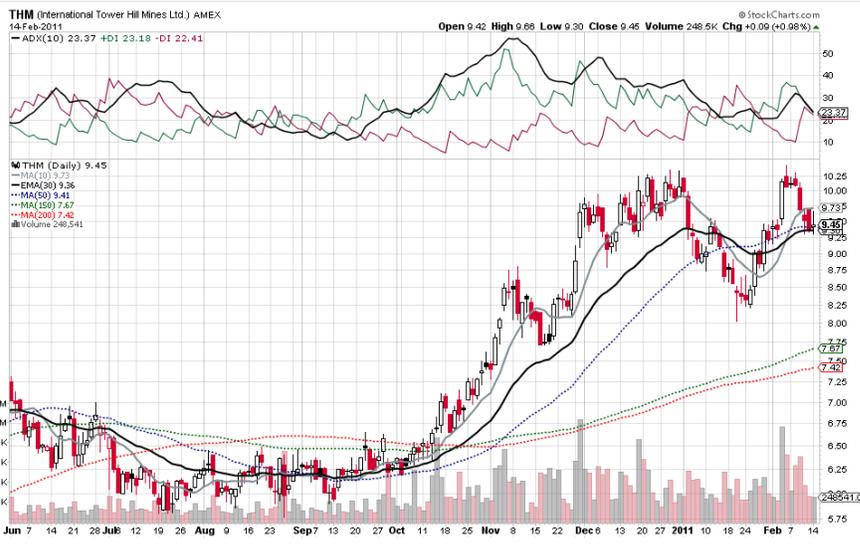
[sma(10, daily close) > ema(30, daily close)] and
[10 days ago sma(10, daily close) < 10 days ago ema(30, daily close)] and
[daily close < [daily ema(30,daily close)+ [0.5 * [daily sma(10, daily close) - d
[daily close > daily ema(30, daily close)] and

[weekly sma(10,weekly close) > weekly ema(30,weekly close)] and
[daily close > daily sma(200,daily close)] and
[ADX Line(10) > 20.0]

```

Now you won't be able to find any results if you scan today. This scan only works when the market is in an uptrend. To prove this, I have made a scan back-dated to Feb 14, 2011. (Thanks Markd for the tip to do back-dated scanning.)

The scan engine returned 1 stock (THM). I'll attach a screenshot here.



<http://stockcharts.com/h-sc/ui?s=THM&p=D&st=2010-06-01&en=2011-02-14&id=p08611908220>

link

answered Nov 27 '11 at 11:50  
 ekwong  
 8.4k • 2 • 30 • 39

0 Try this...it may or may not be what your truly looking for. Stock price falls below the sma10 but higher than the sma 30.

```
[type = stock] and [country = us] and [daily sma(60,daily volume) > 150000] and [daily high < yesterday's daily high]
and [yesterday's daily high < 2 days ago daily high] and [sma(10, close) > sma(30, close)]and [daily close > daily
sma(30,daily close)]and [daily close < daily sma(10,daily close)]and [daily close > daily sma(200,daily close)]and [ADX
Line(10) > 20.0]and [close >= 5]
```

<http://stockcharts.com/h-sc/ui?s=CFX&p=D&b=5&g=0&id=p18648353220>

Hope this helps and as always, get different opinions.

Peace...Trade\_to\_Live

link

answered Nov 25 '11 at 09:36  
 Trade\_to\_Live  
 2.0k • 1 • 18 • 27

Hello here is a scan:

0 [type = stock] and [country = us] and [daily ema(60,daily volume) > 150000] and [daily high < yesterday's daily high]
and [yesterday's daily high < 2 days ago daily high] and [sma(10, close) > ema(30, close)]and [daily close > daily
ema(30,daily close)]and [daily close < daily sma(10,daily close)]and [daily close > daily sma(200,daily close)]and
[weekly sma(10,weekly close) > weekly ema(30,weekly close)]and [ADX Line(10) > 20.0]and [close >= 5]

It shows when a stock enters inbetween 2 moving averages with a few other filters.

I think that is tells you when a stock has entered for that day only.

But lets say on day 2, the stock is still inbetween the moving averages, the stocks from day 1 do not show up in day 2
results for example.

How would you modify it so that it repeats the scans?

Thanks

link

answered Dec 23 '11 at 18:42  
 monkey180  
 107 • 10 • 13

1 I think mark's answer gives you some clear and easy code to accomplish this. Copy and paste the code under

```
// verify close between two averages today"

twice - once for fast above slow average and once for fast below slow. Leave out the code under

// verify close wasn't between two averages yesterday".
```

If you want to get both in one scan - fast above and below slow - join the two scans with an "or" operator. If you need help
with the brackets, paste what you have tried and one of us will spruce it up. Hope that helps.

 markd (Dec 23 '11 at 19:05)

Hi there,

**-1** Thanks, I was wondering how do a scan for stocks that are down a % for the day, or two days ect?

[link](#)

answered Dec 24 '11 at 17:58

 monkey180  
107 • 10 • 13

**1** This looks like a separate question. I would suggest using the "ask a question" button so others can see both the question and the answer and you can add a separate tag for it. Thanks!

 markd (Dec 25 '11 at 15:38)

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### Your answer

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[hide preview]

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