



Haz 9, 2021 Hello All,

I got many requests for a Breakout script and here it's. This script searches the breakouts/breakdowns and draw square if there is one.

The options:

"Period" is used to find Pivot Points

"Max Breakout Length" Is the maximum length to search breakouts

"Threshold Rate %" is channel width of the breakout area. calculated using highest/lowest of last 300 bars.

"Minimum Number of Tests" is the minimum number of tests that the Price tried to break the S/R level

and some options for coloring and linestyle

Let's see some examples:

In this example "Minimum Number of Tests" is 2 so the Price must have tested to break resistance area 2 times and then it breaks it as seen in the screenshot:



In following example Threshold rate is %10, so the channel width is very big:



as you can see in following screenshot you can choose different colors and line styles:





Alerts added ;)

Enjoy!

Haz 25, 2021 ● **Sürüm Notları:** Fixed.

Ağu 7, 2021 ● **Sürüm Notları:** Explanation added

Eki 4, 2021 ● **Sürüm Notları:** updated

[Website](#)

Açık kaynak kodlu komut dosyası ⓘ

Gerçek TradingView rühuyla, bu betiğin yazan, yarınmcının anlayabilmesi ve doğrulanabilmesi için onu açık kaynak olarak yayınladı. Yazının eline sağlıktı! Bunu ücretsiz olarak kullanabilirsiniz, ancak bu kodun bir yayında yenden kullanımı [Kullanım Koşulları](#) ile yönettilir. Bir grafikte kullanmak için favorilere ekleyebilirsiniz.

Feragatname

Bilgileri ve yayınlar, TradingView tarafından sağlanan veya onaylanan finansal, yatırım, işlem veya diğer türden tavsiye veya tavsiyeler anlamına gelmez ve teşkil etmez. [Kullanım Şartları](#)'nda daha fazlasını okuyun.

Bu komut dosyasını bir grafikte kullanmak ister misiniz? ⓘ

* Favori göstergelere ekle

```

1 // This source code is subject to the terms of the Mozilla Public License 2.0 at https://mozilla.org/MPL/2.0/
2 // © LonesomeTheBlue
3
4 // @version=4
5 study("Breakout Finder", "BF", overlay = true, max_bars_back = 500, max_lines_count = 400)
6 prd = input(defval = 5, title="Period", minval = 2)
7 bo_len = input(defval = 200, title="Max Breakout Length", minval = 30, maxval = 300)
8 cwdthu = input(defval = 3, title = "Threshold Rate %", minval = 1, maxval = 10) / 100
9 mintest = input(defval = 2, title = "Minimum Number of Tests", minval = 1)
10 bocolorup = input(defval = color.blue, title = "Breakout Colors", inline = "bocol")
11 bocolordown = input(defval = color.red, title = "", inline = "bocol")
12 lstyle = input(defval = line.style_solid, title = "Line Style", options = [line.style_solid, line.style_dashed, line.style_dotted])
13
14 //width
15 l1l = max(min(bar_index, 300), 1)
16 float h_ = highest(l1l)
17 float l_ = lowest(l1l)
18 float chwidth = (h_ - l_) * cwdthu
19
20 // check if PHPL
21 ph = pivothigh(prd, prd)
22 pl = pivotlow(prd, prd)
23
24 //keep Pivot Points and their locations in the arrays
25 var phval = array.new_float(0)
26 var phloc = array.new_int(0)
27 var plval = array.new_float(0)
28 var ploc = array.new_int(0)
29
30 // keep PHPL levels and locations
31 if ph
32     array.unshift(phval, ph)
33     array.unshift(phloc, bar_index - prd)
34     if array.size(phval) > 1 // cleanup old ones
35         for x = array.size(phloc) - 1 to 1
36             if bar_index - array.get(phloc, x) > bo_len
37                 array.pop(phloc)
38                 array.pop(phval)
39
40 if pl
41     array.unshift(plval, pl)
42     array.unshift(ploc, bar_index - prd)
43     if array.size(plval) > 1 // cleanup old ones
44         for x = array.size(ploc) - 1 to 1
45             if bar_index - array.get(ploc, x) > bo_len
46                 array.pop(ploc)
47                 array.pop(plval)
48
49 // check bullish cup
50 float bomax = na
51 int bostart = bar_index
52 num = 0
53 hgst = highest(prd)[1]
54 if array.size(phval) >= mintest and close > open and close > hgst
55     bomax := array.get(phval, 0)
56     xx = 0
57     for x = 0 to array.size(phval) - 1
58         if array.get(phval, x) >= close
59             break
60         xx := x
61         bomax := max(bomax, array.get(phval, x))
62     if xx >= mintest and open <> bomax
63         for x = 0 to xx
64             if array.get(phval, x) <= bomax and array.get(phval, x) >= bomax - chwidth
65                 num += 1
66                 bostart := array.get(phloc, x)
67             if num < mintest or hgst >= bomax
68                 bomax := na
69
70 if not(na(bomax)) and num >= mintest
71     line.new(x1 = bar_index, y1 = bomax, x2 = bostart, y2 = bomax, color = bocolorup, style = lstyle)
72     line.new(x1 = bar_index, y1 = bomax - chwidth, x2 = bostart, y2 = bomax - chwidth, color = bocolorup, style = lstyle)
73     line.new(x1 = bostart, y1 = bomax - chwidth, x2 = bostart, y2 = bomax, color = bocolorup, style = lstyle)
74     line.new(x1 = bar_index, y1 = bomax - chwidth, x2 = bar_index, y2 = bomax, color = bocolorup, style = lstyle)
75
76 plotshape(not na(bomax) and num >= mintest, location = location.belowbar, style = shape.triangleup, color = bocolorup, size = size.small)
77 alertcondition(not na(bomax) and num >= mintest, title = "Breakout", message = "Breakout")
78
79 // check bearish cup
80 float bomin = na
81 bostart := bar_index
82 num1 = 0
83 lswt = lowest(prd)[1]
84 if array.size(plval) >= mintest and close < open and close < lswt
85     bomin := array.get(plval, 0)
86     xx = 0
87     for x = 0 to array.size(plval) - 1
88         if array.get(plval, x) <= close
89             break
90         xx := x
91         bomin := min(bomin, array.get(plval, x))
92     if xx >= mintest and open >> bomin

```

```

93     for x = 0 to xx
94         if array.get(plval, x) >= bomin and array.get(plval, x) <= bomin + chwidth
95             numd += 1
96             bostart := array.get(plloc, x)
97             if numd < mintest or last <= bomin
98                 bomin := na
99
100    if not na(bomin) and numd >= mintest
101        line.new(x1 = bar_index, y1 = bomin, x2 = bostart, y2 = bomin, color = bocolordown, style = lstyle)
102        line.new(x1 = bar_index, y1 = bomin + chwidth, x2 = bostart, y2 = bomin + chwidth, color = bocolordown, style = lstyle)
103        line.new(x1 = bostart, y1 = bomin + chwidth, x2 = bostart, y2 = bomin, color = bocolordown, style = lstyle)
104        line.new(x1 = bar_index, y1 = bomin + chwidth, x2 = bar_index, y2 = bomin, color = bocolordown, style = lstyle)
105
106    plotshape(not na(bomin) and numd >= mintest, location = location.abovebar, style = shape.triangledown, color = bocolordown, size = size.small)
107
108    alertcondition(not na(bomin) and numd >= mintest, title = "Breakdown", message = "Breakdown")
109    alertcondition((not na(bomin) and num >= mintest) or (not na(bomin) and numd >= mintest), title = "Breakout or Breakdown", message = "Breakout or Breakdown")
110

```

Yorumlar



Yararlı veya teşvik edici bir yorum bırakın. Piyasalara birlikte hakim olalım

Alışlıklarla yorum

Yorum Paylaş

siddhesh933 · Haz 9, 2021

you deliver man
you always do
thanks for your contribution



+18 Cevap Gönder

LonesomeTheBlue · Haz 9, 2021

@siddhesh933, thanks
+5 Cevap Gönder

arslanberat · Haz 9, 2021

Gracias :)



+7 Cevap Gönder

LonesomeTheBlue · Haz 9, 2021

@arslanberat, thank you
+2 Cevap Gönder

Meowella7777 · Haz 11, 2021

Awesomel! Idol LTB is always so sendy!!! :-)



+3 Cevap Gönder

LonesomeTheBlue · Haz 11, 2021

@Charlie8G, Thank you mate :)

+1 Cevap Gönder

aram_omid · Haz 10, 2021

perfectoo



+2 Cevap Gönder

LonesomeTheBlue · Haz 10, 2021

@aram_omid, thank you
+1 Cevap Gönder

cksinangin · Haz 10, 2021

thanks



+2 Cevap Gönder

LonesomeTheBlue · Haz 10, 2021

@cksinangin, thanks
+1 Cevap Gönder

TL_ID · Haz 9, 2021

The best in tradingview... Thank you very much!!!!



+2 Cevap Gönder

LonesomeTheBlue · Haz 10, 2021

@TL_ID, you are welcome
+1 Cevap Gönder

CryptoArch_ · Haz 9, 2021



+2 Cevap Gönder

 LonesomeTheBlue **WIZARD** · Haz 9, 2021   
@CryptoArch_-, thank you
▲ Cevap Gönder

 VonnyFX **PREMIUM** · Haz 9, 2021   
 500 koin
+2 ▲ Cevap Gönder

 LonesomeTheBlue **WIZARD** · Haz 9, 2021   
@VonnyFX, Thank you
▲ Cevap Gönder

 dwjamoney **PRO+** · Haz 25, 2021   
Thank You for great content and tools! Have a Great Weekend!
 100 koin
+1 ▲ Cevap Gönder

 LonesomeTheBlue **WIZARD** · Haz 25, 2021   
@dwjamoney, thanks :)
▲ Cevap Gönder

 vincitayo · Haz 16, 2021   
I have always known you were a beast at trading apart from wedges and triangles this is practically trading itself... Thanks so much man... Finally something to implement in my bot
 500 koin
+1 ▲ Cevap Gönder

 LonesomeTheBlue **WIZARD** · Haz 16, 2021   
@vincitayo, thank you
▲ Cevap Gönder

 dgtrd **WIZARD** · Haz 9, 2021   
Beautiful
 500 koin
+1 ▲ Cevap Gönder

 LonesomeTheBlue **WIZARD** · Haz 10, 2021   
@dgtrd, Thank you dude
▲ Cevap Gönder

 muthushun **PRO+** · Haz 9, 2021   
U Rock...
 100 koin
+1 ▲ Cevap Gönder

 LonesomeTheBlue **WIZARD** · Haz 10, 2021   
@muthushun, thank you
▲ Cevap Gönder

 marketpacha **PRO+** · Haz 9, 2021   
 100 koin
+1 ▲ Cevap Gönder

 LonesomeTheBlue **WIZARD** · Haz 10, 2021   
@marketpacha, thanks
▲ Cevap Gönder

 BURSATRENDBANDCHART **PRO+** · Haz 9, 2021   
Tq
 100 koin
+1 ▲ Cevap Gönder

 LonesomeTheBlue **WIZARD** · Haz 9, 2021   
@BURSATRENDBANDCHART, thanks
▲ Cevap Gönder

 LaterRainInvestments **PRO+** · Nis 26   
God bless and multiply us in Jesus name
 500 koin
+1 ▲ Cevap Gönder

 NorthStarDayTrading **PREMIUM** · Oca 10   
Amazing work as usual! I really like the "test" feature.
 200 koin
+1 ▲ Cevap Gönder

 Astus34 · Haz 9, 2021   
Thank you, this is a nice script! (as always)
People have to be aware that this is not the easiest trade. The chance of success in a ranging market are not very good. But they can deliver good return in a trending market. The fake out are common and managing the risk when you are a beginner is not always easy. Taking some profit to pay the stop in case of a reverse is a good practice.
+20 ▲ Cevap Gönder

 LonesomeTheBlue **WIZARD** · Haz 9, 2021 [Cevap](#) [Favorile](#)
@Astus34, Good comment!
+3 [Cevap Gönder](#)

 Bierbaron **PRO+** · Haz 14, 2021 [Cevap](#) [Favorile](#)
Hey Lonesometheblue,

thanks a lot for that script, it works like a charm! Super helpful. And the script looks super clean as well. Great job! You are such a great asset to the community!

May I suggest an idea for improvement?

It would be ideal if we could see the breakout in the making. Until the breakout is not complete, so that the script just plots the top line of your box. Like in my screenshot below (please see the arrow):



So we could see what is the next possible breakout in the chart that we can consider for trading. For example set a buy order at the level of the pivot high.

Finally, if you could plot the value of the pivot point of the breakout would be super helpful as well. (I did in the screenshot with the built in Pivots HL).

Thanks a lot!

+15 [Cevap Gönder](#)

 raincolle **Premium** · Haz 21, 2021 [Cevap](#) [Favorile](#)

@Bierbaron, Yes, this! You added more to what I would love to see in this script to take this amazing new addition to TV to a whole other level, for levels. This @LonesomeTheBlue is a pinescript beast as we all know, but you have added to the power of the beast with these suggestions. Hope they pick up on them and include them in future updates.

+7 [Cevap Gönder](#)

 Magnum76 **Premium** · Haz 23, 2021 [Cevap](#) [Favorile](#)

@Bierbaron, This

[Cevap Gönder](#)

 raincolle **Premium** · Haz 21, 2021 [Cevap](#) [Favorile](#)

Is there a way to plot lines for visual preparation each time the price bounces off our minimum number of tests, but ahead of breakout of course?

+4 [Cevap Gönder](#)

 kurtsmock **Premium** · Haz 9, 2021 [Cevap](#) [Favorile](#)

This is so much better than the one I made haha. I mean, I ended up going with something more like orderblocks, but with the idea that from the orderblock comes the breakout. Also, couldn't figure a good way to not just "extend,right" which leads to cluttered lines and overlap. So crazy to see how clean this is. Awesome.

+4 [Cevap Gönder](#)

 sabertoothtiger · Haz 9, 2021 [Cevap](#) [Favorile](#)

Great script. I'm wondering if it's possible to see the S/R rectangles for the areas before they break too?

+3 [Cevap Gönder](#)

 MasBart **PRO+** · Haz 9, 2021 [Cevap](#) [Favorile](#)

@sabertoothtiger, @LonesomeTheBlue or if the parameter for minimum number of test is more than 1, after the 1st test the rectangles is shown (even though later it might not be touched or broken). Thanks

+1 [Cevap Gönder](#)

 MasBart **PRO+** · Haz 9, 2021 [Cevap](#) [Favorile](#)

Thanks Maestro

+3 [Cevap Gönder](#)

 MrGaggi **PRO+** · Haz 9, 2021 [Cevap](#) [Favorile](#)

Hi,

This is nice, what pulled my attention is how to consider breakout of levels. I have custom strategy for generating support and resistance levels but not able to automate it as it become difficult to tell when a support become resistance or vice-a-versa. I tried to understand from your code but my knowledge in Pine script is limited as i am from non-coding background. Still not able find answer for my own script. By the way, Great Job.. !!! I always try to learn from your scripts and implement into my trading strategies too and it has been fruitful so far.

+3 [Cevap Gönder](#)

 Vishant_Meshram **PRO+** · Haz 9, 2021 [Cevap](#) [Favorile](#)

!!! Masterpiece from the Pine MASTER !!!

Thanks for such a valuable contribution using latest pine features...

+2 [Cevap Gönder](#)

 LonesomeTheBlue **WIZARD** · Haz 10, 2021 [Cevap](#) [Favorile](#)

@Vishant_Meshram, you are welcome

+2 [Cevap Gönder](#)

 LoneWolf667 **Premium** · Haz 9, 2021 [Cevap](#) [Favorile](#)

Need it 1min please !!!!! thx x1000 again for your script.

I love Tick Data !!!! \$\$\$\$\$

+2 [Cevap Gönder](#)

Super super super rien à dire !

+2 ▲ Cevap Gönder

 RodrigoKazuma · Haz 9, 2021

Great Idea and beautiful script.

Congrats!

+2 ▲ Cevap Gönder

 cmapraktek · Haz 9, 2021

Look like absolute beauty , Wonderful work

Will do Back Testing

+2 ▲ Cevap Gönder

 Hios35 · Haz 9, 2021

Thanks mate..

+2 ▲ Cevap Gönder

 krajesh PRO · Haz 9, 2021

wow awesome

+2 ▲ Cevap Gönder

 constantine_trading PRO · Haz 9, 2021

reaaaaally nice!

+2 ▲ Cevap Gönder

 S_ice · Haz 9, 2021

Great job !!!

+2 ▲ Cevap Gönder

 McFxTurk2335 · Haz 9, 2021

emeğinize yüreğinize sağlık hocam teşekkür ederim

+2 ▲ Cevap Gönder

 DayTraderTeam · Haz 9, 2021

Thanks

+2 ▲ Cevap Gönder

 energetic_live PREMIUM · Haz 9, 2021

Very useful script, thanks for share with us.

+2 ▲ Cevap Gönder

 naba_naiif PREMIUM · Haz 9, 2021

always great done thanxxx

+2 ▲ Cevap Gönder

 cemalettintpkts · Haz 9, 2021

Emeğinize sağlık teşekkürler

+2 ▲ Cevap Gönder

 BasicTraderTolga PRO · Haz 9, 2021

Thanks, very useful as always.

+2 ▲ Cevap Gönder

 ruimdg PREMIUM · Haz 9, 2021

thanks for share nice work

+2 ▲ Cevap Gönder

 Disciple_Of_Shiva PRO · Haz 9, 2021

Many many thanks! God bless you :) much needed!

+2 ▲ Cevap Gönder

 Sushant404 · Haz 9, 2021

thanks bro.

+2 ▲ Cevap Gönder

 kimozelghonemy PRO · Haz 9, 2021

Big shout to you man!

+2 ▲ Cevap Gönder

 jmyGB · Haz 9, 2021

another great work! thanks

+2 ▲ Cevap Gönder

 Thy_GoD · Haz 9, 2021

Looks very helpful, will try it.

+2 ▲ Cevap Gönder

 Thy_GoD · Haz 9, 2021

Edit: After testing out, I've found that it also helps find Support and Res levels, so I'll def be using this. Thanks!

+2 ▲ Cevap Gönder

 sateeshdamera PREMIUM · Mar 2

I really love this one. But just an enhancement request. lot of times when price rejects from potential breakdown and rip same way rejects from breakout and come down. can we have some logic around that ?

+1 ▲ Cevap Gönder

 cincimicemi PREMIUM · Feb 6, 2021

- This is beautiful. Thanks so much! When I go to set alerts, It says the script repaints. Is that something to be worried about?
+1 ▲ Cevap Gönder
-  **Viewwithatrade PREMIUM** · Eyl 13, 2021 cso □
Is there any way to plot this on one timeframe but have the calculations done on another?
For example, load it on a 1hr chart but have the calculations done on 4hr or daily?
Beautiful script by the way, love it!
+1 ▲ Cevap Gönder
-  **playwindc43387** · Ağu 9, 2021 cso □
Can you find a high volume breakthrough in the next version?
+1 ▲ Cevap Gönder
-  **AdhamSabry** · Tem 8, 2021 cso □
Thanks for the termonds job, you are really a genius
Quick question, Seems like the alarm got triggered on candle close, not immediately after exceeding the resistance, do we have a way around that?
+1 ▲ Cevap Gönder
-  **paultymo** · Tem 4, 2021 cso □
wow
+1 ▲ Cevap Gönder
-  **roguesmk** · Haz 25, 2021 cso □
awesome as always, can you modify it to look for double/triple tops or bottoms?
+1 ▲ Cevap Gönder
-  **mustiodk PREMIUM** · Haz 18, 2021 cso □
Thanks
+1 ▲ Cevap Gönder
-  **Dobrobro888 PREMIUM** · Haz 14, 2021 cso □
as always, aerobatics!!!magic!)thank you and respect  
+1 ▲ Cevap Gönder
-  **g_suneesh** · Haz 12, 2021 cso □
thanks for your contribution ❤
+1 ▲ Cevap Gönder
-  **Bierbaron PRO+** · Haz 11, 2021 cso □
incredible work! thx
+1 ▲ Cevap Gönder
-  **frankflyer PREMIUM** · Haz 11, 2021 cso □
Great script !! Backtesting many breakouts I notice when your script triggers and the stock price is near the 10 day MA then the breakouts more often than not are successful. Does the script signal any alerts ? I haven't receive any despite some breakouts occurred.
+1 ▲ Cevap Gönder
-  **mazenstudio** · Tem 10, 2021 cso □
@frankflyer, how do backtesting with this script i been looking for couple of days!
+3 ▲ Cevap Gönder
-  **zeberced24** · Haz 10, 2021 cso □
Awesome
+1 ▲ Cevap Gönder
-  **wugamlo PRO+** · Haz 10, 2021 cso □
Beautifully done! Thanks a lot for sharing!
+1 ▲ Cevap Gönder
-  **definancingseason PREMIUM** · Haz 9, 2021 cso □
Wow this for sure has great potential, even on 30s chart it gives some good entry points
+1 ▲ Cevap Gönder
-  **aspig130 PREMIUM** · Haz 9, 2021 cso □
thanks bro~
+1 ▲ Cevap Gönder
-  **Bufamn** · Haz 9, 2021 cso □
我怎么用这个脚本呀，搜不到它
+1 ▲ Cevap Gönder
-  **bad_Max** · Nis 25 cso □
hi friend, can i ask you to change your super indicator a bit? I would like to see clear levels of 3 or more touches on the chart. Those, you need to draw a line when the price touches the same value 3 or more times, and ideally so that the web hook is then sent. Is it possible to do this?
+1 ▲ Cevap Gönder
-  **sandreddyvenkatesh** · Mar 21 cso □
sir how can i test this please
+1 ▲ Cevap Gönder
-  **Sam-Chan- PREMIUM** · Mar 19 cso □
Hello, Thanks for sharing. Are alerts effective on this indicator?
+1 ▲ Cevap Gönder
-  **ievazquez PRO+** · Mar 14 cso □
thank you
+1 ▲ Cevap Gönder

A anujruchi1985 · Sub 12  

hi , how to use Breakout finder on my watchlist and get alert when ever it get breakout... please help
[Cevap Gönder](#)

B LiveWGrace · Sub 8  

some things I would add, prevention of false breakout depended on the volume would add a huge indication on whether its a true breakout.
[Cevap Gönder](#)

C krupavaramvelpula · Sub 1  

it's a great script, Amazing work, will this work in NSE INDIA futures?

[Cevap Gönder](#)

D henriquepirro · Oca 23  

Hi Man, I use ICMarket MT4 Windows app, how can I convert to implement?

[Cevap Gönder](#)

E livetrend  · Oca 9  

Thanks again for your great script, you always do your best. :)

I have a question, Is it possible to square before breakouts/breakdowns occur, especially when a minimum number of tests are performed?

[Cevap Gönder](#)

F Trade900  · Ara 15, 2021  

Really nice indicator ..cheers..works nice..

keep up the good Work..

[Cevap Gönder](#)

G race4satoshis · Ara 6, 2021  

Thanks so much! Do you have a script for the short sell in crypto? I'm always buying long but seems like more than often we're looking at the short sale haha. Thank you!

[Cevap Gönder](#)

H TigerFXpro  · Kas 20, 2021  

Jesus christ, this is the best. Combine It with a few of your own confirmations + risk management, and bam you are set for life.

[Cevap Gönder](#)

I Miralay78  · Eki 28, 2021  

Eline sağlık ustاد

[Cevap Gönder](#)

J Texas_Texas  · Eki 27, 2021  

Much appreciated @LonesomeTheBlue ! If I had to give my opinion with regards to improving this indicator, I would say that it needs fine tuning for stocks. Works well with forex but sometimes misses a few key areas with stocks. You can see an example of this on ticker BLNK, fails to detect a very noticeable resistance zone.

[Cevap Gönder](#)

K horuxino  · Eki 20, 2021  

Very good Script as all you do,

A suggestion, You could add some mark, for when a Breakout occurs check if the volume is high or low, to checker if it has been a breakout accompanied with the strength of volume.

[Cevap Gönder](#)

L horuxino  · Eki 20, 2021  

Very good Script as all you do!

a suggestion, you could add some mark, for when a Breakout occurs check if the volume is high or low, to checker if it has been a breakout accompanied with the strength of volume.

[Cevap Gönder](#)

M shivachsekar · Eki 16, 2021  

One of the best

Lots of thanks

[Cevap Gönder](#)

N Aleksandr400  · Eki 10, 2021  

Hello! Could you help me, please?

I've learned the code of your indicator "Breakout Finder" and I want to take some ideas to build my own one.

I need to draw lines from pivothighs and pivotlow, but I have some issues.

I watched as you beautifully used arrays for this so I want to ask you to help a little.

I've created 2 arrays with positions and values. Each array fills when pivothigh or pivotlow occurs.

When I trying to take data from arrays to fill coordinates of the line, I'm getting an error: "Index 0 is out of bounds, array size is 0". However, when I put "array.size value" for example in a label text, it shows the correct amount of items in array.

Do you know how to solve this? I didn't sleep for 72 hours. Help me, please.

I necessarily need to specify all 4 coordinates, to be able to manipulate lines in the future. For example to hide broken lines etc.

```
//@version=4
study("Auto Level", "AL", overlay = true, max_bars_back = 5000, max_lines_count = 400)
prd = input(defval = 20, title="Period", minval = 2)
```

```
levelsQuantity = input(defval = 5, title="Period", minval = 2) // Quantity of levels in array
```

```
// check if PH/PL
ph = pivothigh(prd, prd)
pl = pivotlow(prd, prd)
```

```
// keep Pivot Points and their locations in the arrays
var phval = array.new_float(0)
var phloc = array.new_int(0)
var plval = array.new_float(0)
var plloc = array.new_int(0)
```

```
// keep PH levels and locations
if ph
    array.unshift(phval, ph)
    array.unshift(phloc, bar_index - prd)
    if array.size(phval) > levelsQuantity // cleanup old ones
        array.pop(phloc)
        array.pop(phval)
```

```
// Just labels above the plots for debugging
label.new(bar_index, high, text = "Loc " + tostring(bar_index) + " Val " + tostring(high), style = label.style_label_down, color = color.rgb(239, 83, 80), textcolor = color.white)
```

```
// If uncomment this below, program crashes
// startVal = array.get(phval, x)
// startLoc = array.get(phloc, x)
// line.new(x1 = startLoc, y1 = startVal, x2 = startLoc + 10, y2 = startVal, color = color.blue, style = line.style_solid)

// Label near the last bar for debugging
var barsLabel = label.new(na, na, style = label.style_label_left, color = color.teal, textcolor = color.white, size = size.large)

if barstate.islast
labelText = tostring(array.size(phloc)) // I put something in a label text to debug

label.set_text(barsLabel, labelText)
label.set_xy(barsLabel, bar_index + 1, close)

▲ Cevap Gönder
```

 d.umesh · Eki 5, 2021 [Cevap](#) [PDF](#)

Thanks sir, for update

▲ Cevap Gönder

 Mario-Forex · Eki 4, 2021 [Cevap](#) [PDF](#)

how to copy it to mt4?

▲ Cevap Gönder

 ugurgurel · Eki 4, 2021 [Cevap](#) [PDF](#)

Thank you :=) You are great

▲ Cevap Gönder

 kundan32mzn **PREMIUM** · Eki 1, 2021 [Cevap](#) [PDF](#)

sir, undoubtedly you are a versatile personality in indicators.many many thanks for your contribution.

▲ Cevap Gönder

 Sivapalani55 · Eyl 13, 2021 [Cevap](#) [PDF](#)

Thank you, so much! :)

▲ Cevap Gönder

 wildbilltoc **PRO** · Eyl 2, 2021 [Cevap](#) [PDF](#)

How do activate/incorporate the alerts? Also, how would one incorporate the data and input them into a screener? Thanks!

▲ Cevap Gönder

 TheEconomyCreator **PREMIUM** · Ağustos 31, 2021 [Cevap](#) [PDF](#)

Great script valuable asset to my trading. Question though, being that I use a light colored background and a couple other indicators I can't always see the zone/box of the area price is doing a breakout/breakdown from. Is it possible where you can add the functionality where you make that an option (to fill in the zone) so its more visible? PLEASE & THANKS!

▲ Cevap Gönder

 stakeprophet · Ağustos 7, 2021 [Cevap](#) [PDF](#)

Thank you for sharing this, great work!

I have been working a bit with pivots and trendlines, sometimes using code form your other indicators for reference. Is there anything I should consider if I were to try make this script alert for breakouts from diagonal support and resistance, or is this something you have planned?

▲ Cevap Gönder

 ETSYSTEM1 · Ağustos 7, 2021 [Cevap](#) [PDF](#)

Great job man.

Do you have a script for targets that go along with your breakout script?

▲ Cevap Gönder

 Univouge · Temmuz 31, 2021 [Cevap](#) [PDF](#)

Thanks alot for this can I get access brother

▲ Cevap Gönder

 definancingseason **PREMIUM** · Temmuz 21, 2021 [Cevap](#) [PDF](#)

I'm really enjoying this script, one thing that would be incredibly useful is a setting for "minimum bars between tests to consider breakout". This would really help increase the usability and precision of this on lower time frame charts as it sometimes triggers false breakouts if there's short whipsaw price action.

I'll analyze the script soon to see if I can do it myself but of course I'm sure the master scripter himself would be much better and others would find this useful!

▲ Cevap Gönder

 anupamalahoti · Temmuz 20, 2021 [Cevap](#) [PDF](#)

Super ID as always you rock..

Thanks for such a wonderful indicator.

▲ Cevap Gönder

 Crypto-Engineer **PRO** · Temmuz 19, 2021 [Cevap](#) [PDF](#)

can you convert this to a strategy with TP and SL? It would make sense to find out how much on average each trade could make and optimise the TP/SL.

▲ Cevap Gönder

 mazenstudio · Temmuz 14, 2021 [Cevap](#) [PDF](#)

how we can do backtesting please?

▲ Cevap Gönder

 kelvonlys **PREMIUM** · Temmuz 10, 2021 [Cevap](#) [PDF](#)

Great works man! Come up with your script when looking for breakout screener. Thanks a lot for your contribution, it's so generous of you!

▲ Cevap Gönder

 mazenstudio · Temmuz 9, 2021 [Cevap](#) [PDF](#)

can we do backtesting with this?

▲ Cevap Gönder

 diariodeunscalper · Temmuz 8, 2021 [Cevap](#) [PDF](#)

Thanks! :)

▲ Cevap Gönder

 Topmatt · Tem 2, 2021 [Cevap](#) [Gönder](#)

Will you like to get this indicator on mt4, message me and i will do it for you

[Cevap Gönder](#)

 vinitssagar · Haz 27, 2021 [Cevap](#) [Gönder](#)

Hi man..I just want to know whether in pine script we can create a scanner for filtering stocks whose current price has crossed the yesterday's day high (day high happened before 12pm) and current open price is below yesterday's day high.Is it possible to create such scanner?? ..Kindly share your insight...Thank you

[Cevap Gönder](#)

 vivarc · Haz 30, 2021 [Cevap](#) [Gönder](#)

@vinitssagar, That is possible on Zerodha Streak. You can create your own scanners.

[Cevap Gönder](#)

 vinitssagar · Tem 1, 2021 [Cevap](#) [Gönder](#)

@vivarc; It can scan only Nifty50 ,Nifty500 ...doesnt cover majority stocks like Trading view or Chartlink does

[Cevap Gönder](#)

 pro123vv · Tem 7, 2021 [Cevap](#) [Gönder](#)

@vinitssagar, of course possible check scanner by sharaau7

[Cevap Gönder](#)

 davidlearn2trade · Haz 27, 2021 [Cevap](#) [Gönder](#)

May i know which timeline is best for this Breakout Finder?

[Cevap Gönder](#)

 Mycorrhizal · Haz 25, 2021 [Cevap](#) [Gönder](#)

Great work.

[Cevap Gönder](#)

 Joenoname · Haz 18, 2021 [Cevap](#) [Gönder](#)

I'll leave some coin can I get

[Cevap Gönder](#)

 mentalBook25495 **PRO** · Haz 13, 2021 [Cevap](#) [Gönder](#)

Which are the settings for the example you published?

[Cevap Gönder](#)

 raja74sekhar · Haz 9, 2021 [Cevap](#) [Gönder](#)

Sir it is not available in public library. I have already add to my favourite. Kindly resolve issue please

[Cevap Gönder](#)

 constantine_trading **PRO** · Haz 9, 2021 [Cevap](#) [Gönder](#)

@raja74sekhar, refresh tradingview and search again ;)

[Cevap Gönder](#)

 raja74sekhar · Haz 9, 2021 [Cevap](#) [Gönder](#)

@constantine_trading, yes got it. But not able to see script on my 5 min crudeoil chart. Which time frame required please let me know sir

[Cevap Gönder](#)

 constantine_trading **PRO** · Haz 10, 2021 [Cevap](#) [Gönder](#)

@raja74sekhar, dunno. for me it works fine. Maybe you need to zoom out;)

[Cevap Gönder](#)