

Rules EA named "day trading" but can be used on any Time frame

ea for metatrader4

Should work on current time fram and on any time frame

All the copyrights should be under my name

Youtube description but the writting are more detailed <https://youtu.be/kJsVzTRijv8>



• Description

- Buy or Sell selection=>

- There can be only a buy or sell allowed by the Ea and the control panel appearing on the charts

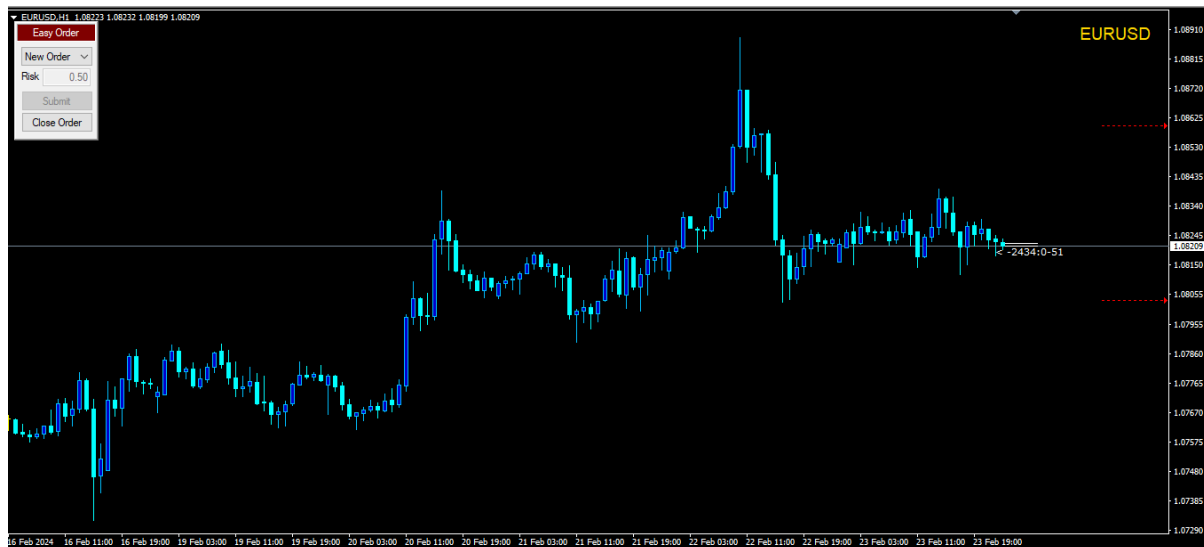
- Activation=>
 - 1/ from the touch of an horizontal line that i will manually place on the chart
 - 2/or just by activating the EA with a button on a control panel on the chart the robot will Place a buy or sell stops based on top and bottom of the previous closed candle
- Automatic computation of trade size based on the account size equity=>
 - Need to take a trade that where the volume will represent a specific customizable % of the account

- Automatic placement of the Target Profit in a risk to reward fashion=>
- Need to place the TP based on a multiplier of the amount of pips between the Entry and Stop loss

- **Control panel needed on the chart:**

Control panel window appearing on the chart at all time:

- I need a control panel staying on the chart in this fashion:



- The control panel should look like this and not be too big in size

Switch buy or sell

Switch Horizontal line type of entry or Live (means starts to place trades right away)

BUY	SELL	
H. Line	Live	
Trade Size in%	1%	1% computation automatically from the account size by default and customizable
R:R ratio	3	a multiplier of the Entry-Stop Loss value computation 3 times by default and customizable
Trading time1 Starts	10:00	1st customizable time range for the EA to be allowed to take trades
Trading time1 Stops	12:30	
Trading time2 Starts	15:00	2nd customizable time range for the EA to be allowed to take trades=> if the value is set to «0» then the EA will use 1 time range only
Trading time2 Stops	17:30	

- Function “Horizontal line” or “Live” Another 2 buttons in the form of a switch that enables one or the other style of activation of the EA
 - 1st button=> the touch of the horizontal line:
 - If selected an horizontal line will appear on the chart =>above the price if we are on sell mode or below the price if we are on buy mode
 - This line can be moved as needed anywhere above the price for a sell and anywhere below the price for a buy
 - This horizontal line role is to trigger the EA to start placing a trade as soon as price will touch this line
 - The 2nd button named "Live"

- If selected the EA will start to place Buy or sell stops trades directly without the need for an horizontal line on the chart

- **Placement Parameters of a trade:**

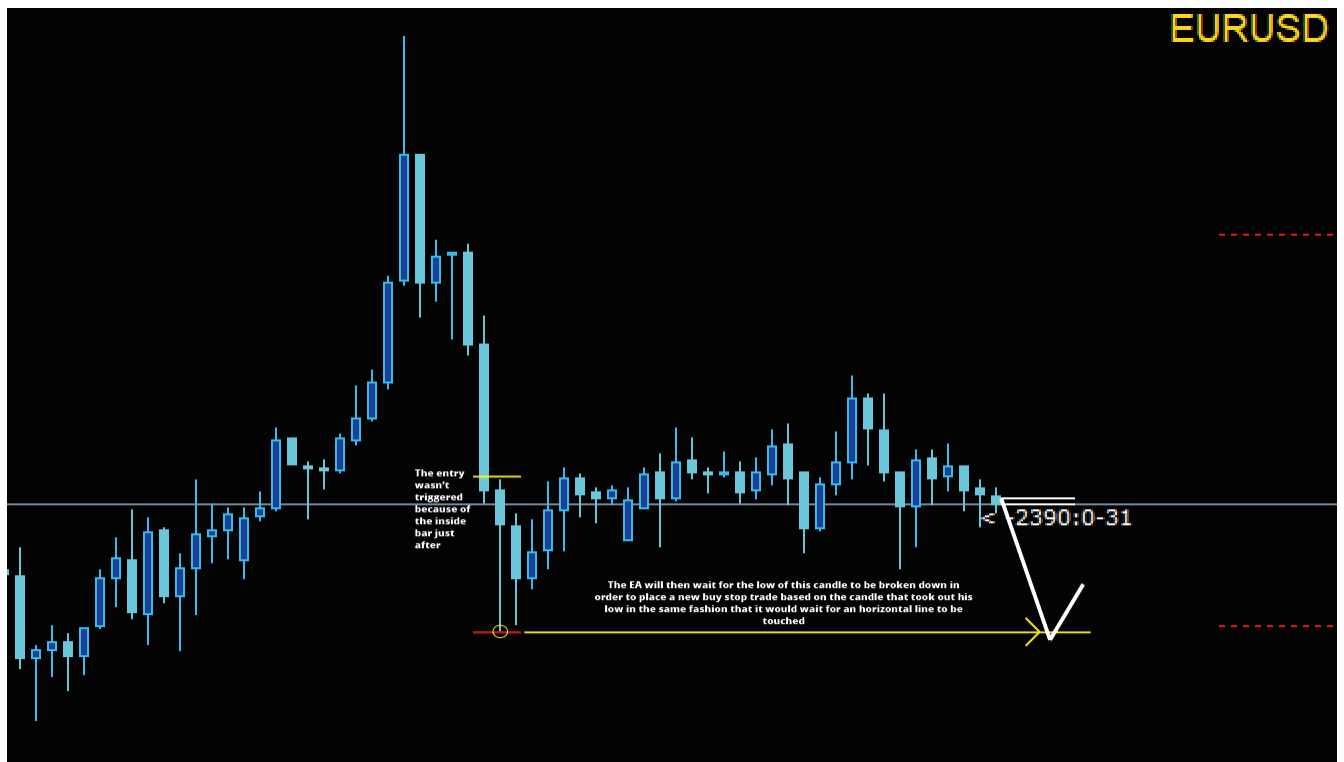
- for a sell=>

The Ea will place a sell stop trade as soon as the activation candle closes using:

- The bottom of this candle as entry point
- The top of this candle + spread as a Stop Loss I need a customizable offset as well placed at zero by default for the SL and entry
- The TP will be a Risk to Reward ratio => a multiplier of the value between the entry and SL set to 3 by default which means a trade with a risk to reward of 1:3
- The trade has a duration of 1 candle which means if it isn't triggered during the following candle it must be cancelled, (for example if price makes an inside bar)
- Other cancellation rule The trade must be cancelled right away as well if the High of the candle that was used to setup the trade is taken out
- If the EA was activated by the touch of the horizontal line it will wait for the candle that touches the Horizontal line to close to place a trade
- If the EA was activated by the button "Live" then it waits for the actual candle to close before placing a trade
- If price is too close to set a sell stop then the EA should enter at market execution but it should respect the bottom of the setup candle as entry point, if it cannot enter at this level because price is gone or the spread is too high then no entry should be made

Trade placement successions:

- If the trade was canceled because the high was taken out, a new sell stop order will be placed when the candle that took the high closes using this new candle as a reference for the Entry SL and TP parameters
 - If there was an inside bar and the trade was cancelled the EA will start to re place a trade if the high of the candle setup is broken=> i ll illustrate this point on a screenshot and i ll make a video explaining this as well



Those screenshots were for a buy stop example trade; it will work on the opposite for a sell trade

- for a BUY=>

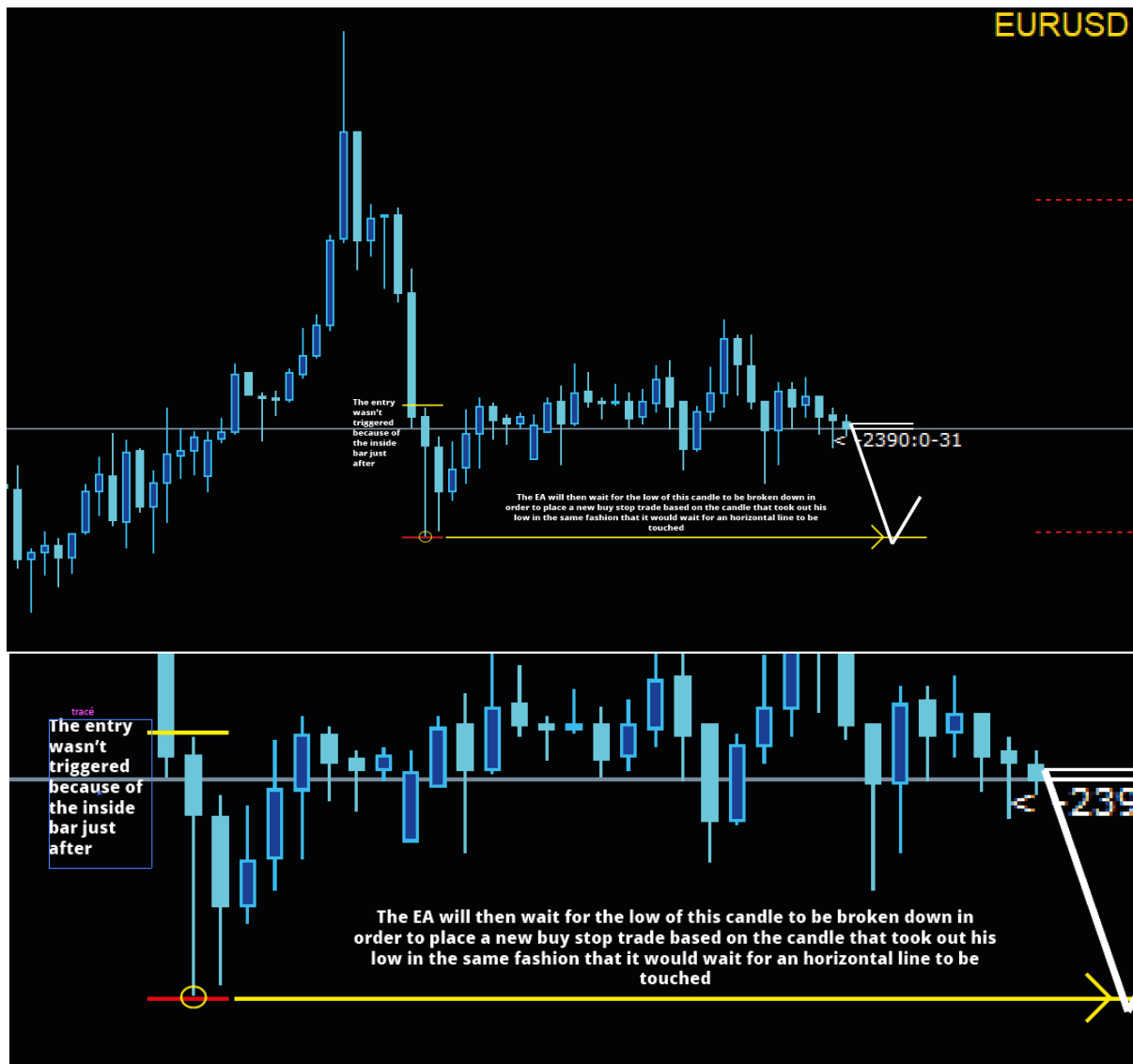
The Ea will place a BUY stop trade as soon as the activation candle closes using:

- The Top of this candle as entry point + spread

- The bottom of this candle as a Stop Loss, I need additionally a customizable offset as well placed at zero by default for the SL and entry
- The TP will be a Risk to Reward ratio => a multiplier of the value between the entry and SL set to 3 by default which means a trade with a risk to reward of 1:3
- The trade has a duration of 1 candle which means if it isn't triggered during the following candle it must be cancelled, (for example if price makes an inside bar)
- Other cancellation rule The trade must be cancelled right away as well if the LOW of the candle that was used to setup the trade is taken out
- If the EA was activated by the touch of the horizontal line it will wait for the candle that touches the Horizontal line to close in order to place a trade
- If the EA was activated by the button "Live" then it waits for the actual candle to close before placing a trade
- If price is too close to set a BUY stop then the EA should enter at market execution but it should respect the top of the setup candle as entry point, if it cannot enter at this level because price is gone or the spread is too high then no entry should be made

Trade placement successions:

- If the trade was canceled because the Low was taken out, a new BUY stop order will be placed when the candle that took the Low closes using this new candle as a reference for the Entry SL and TP parameters
- If there was an inside bar and the trade was cancelled the EA will start to re place/Place again a trade if the Low of the candle setup is broken=> i illustrate this point on the screenshot below and i ll make a video explaining this as well



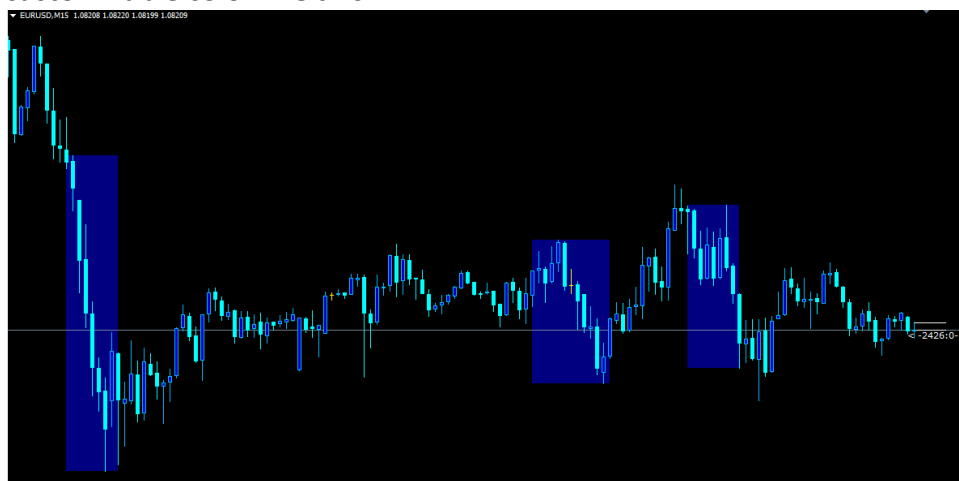
Those screenshots were for a buy stop example trade; it will work on the opposite for a sell trade

Money management:

- Computation automatic of the size of the trade in % of the account => the selection of how many % will appear in the control panel visible on the chart as well
- i ll draw what it should look like

Time filter:

- The EA should have the option to only trade during 1 or 2 specific customizable time windows during the day, as a developer you will tell me in what time we can do that for example if we can set it up with GMT+1 time or EST time I will adapt to what is the simplest to code for this feature
- There should be possible to set the 2nd time range to "0" and "0" if i want to apply 1 big time range aside of 2
- The time filter should appear on the chart's control panel
- Once the time is set it should display it on the chart in the form of a rectangle with a customizable color like this



- The appear on the chart of this rectangle should be done on the last 10 days
- This feature will work a little bit like the kill zone indicator that i join to this project
- The Horizontal line filter must be touched during the time of the day that allow the EA to trade only, If the horizontal line touched outside of this time the EA shouldn't place a trade

Risk Filter:

- The EA should allow by default 2 triggered trades max per day per pair
- and this number should be customizable but no need to be in the control panel on the chart but in the parameters of the EA yes

I'll make a vidéo explainin in detail the process as well so you understand better

Last note, I need someone organised who can work on all of the requirements points by points, Also note that I will need this EA to be protected in the future, I would prefer to work with a professional who has a solid experience and can collaborate with me for more projects in the near future