

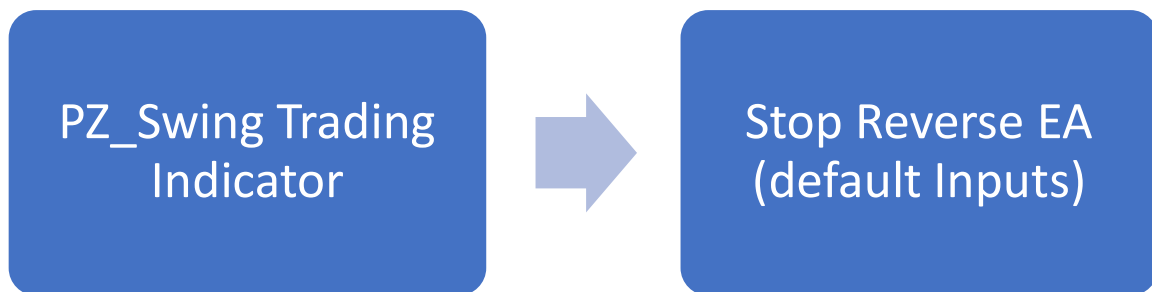
To create custom Indicators for the following Indicators:

- 1) PZ_Swing Trading
- 2) PZ_Wolfe Waves
- 3) PZ_123 Pattern
- 4) PZ_Pennants

////////////////////////////////////

Over all View

Now



Wish to



Current situation (in details):

The Stop Reverse EA (bought from the same seller), **only one** indicator is loaded into the EA via the setting as shown (in blue box) below (at a time) – e.g. input the Indicator's name and buffer value.

Expert - PZ_StopReverseEA

?

X

About

Common

Inputs

Dependencies

Variable	Value
BE_Ex	===== FIRST TRADE SETTINGS =====
Lot Size ^{Min}	0.01
Break Even (zero = not used)	4
Break Even Behavior (if enabled)	Secure half of profits
Trailing Stop (Small = tight, Big = wide)	_30_percent
Trailing Step (Min increase in SL)	2
Take Profit (zero = not used)	0
TN_Ex	===== ENTRY STRATEGY =====
Entry Strategy	Custom Indicator (Read the manual)
Custom Indicator Name (Example: MyIndicat...	PZ_WolfeWaves
Custom Indicator Signal Buffer	1
TS_Ex	===== TRADING SESSIONS =====
Trade Asian Session	true
Trade Europe Session	true
Trade America Session	true
RC_Ex	===== MARTINGALE SETTINGS =====
Trades ^{Min}	_5_Trades
Zone ^{Min}	_50_Pips
CL_Ex	===== VISUAL OPTIONS =====
Safe Risk Color	Olive
Aggressive Risk Color	Orange
Dangerous Risk Color	Red
Color for text labels	Silver
Font size for labels	10
Size of the lines	4
EA_Ex	===== EA SETTINGS =====
Magic Number (never set to zero)	1
Manual Pip Value (zero = automatic)	0.0
Custom comment for trades	Custom Comment

Load

Save

OK

Cancel

Reset

Note the EA uses the default setting of the indicator, which may give not so good signal.

Wish to control the entry by a custom indicator applying different parameters in the Inputs Tab. And use that custom indicator for the EA to call.

////////////////////////////////////

Information of Stop Reverse EA :

Reading a custom indicator (information from seller's web site)

Stop Reverse EA is equipped to take trades according to a custom indicator, which must follow a convention to communicate with Stop Reverse EA. It must store one of the following constants into a non-drawing but accessible buffer.

Buy: Store 0 in the buffer

Sell: Store 1 in the buffer

Do nothing: Store EMPTY_VALUE in the buffer

By storing one of the following values into a buffer in your indicator, and making Stop Reverse to read from it, Stop Reverse will be able to buy, sell and close trades when your custom indicator wants to. Kindly note that, closing trades will only work if there are no recovery trades opened. The indicator is read upon bar closing and the trade session filters applied.

An example (was given by seller on his web site):

Consider the example below, named MyIndicator.mq4, which buys when a bar closes above the high of the last bar, and shorts when a bar closes below the low of the last bar.

```
#property description "Indicator example for the custom indicator feature."
```

```
#property version    "1.0"
```

```
#property strict
```

```
//---- indicator settings
```

```
#property indicator_chart_window
```

```
#property indicator_buffers 0
```

```
//---- constants
```

```
#define ShortName    "My Indicator"
```

```
#define OP_CLOSE_BUY  3
```

```
#define OP_CLOSE_SELL 4
```

```
#define OP_CLOSE_ALL  5
```

```
//---- indicator buffers
```

```
double SignalBuffer[];
```

```
//+-----+
```

```

//| Custom indicator initialization function          |
//+-----+
int init()
{
    IndicatorBuffers(1);      // We only need one buffer
    SetIndexBuffer(0,SignalBuffer); // This is the signal buffer (0)
    return(0);
}

int deinit()
{
    return(0);
}

//+-----+
//| Custom indicator iteration function          |
//+-----+
int start()
{
    int start = 1;
    int limit;
    int counted_bars = IndicatorCounted();
    // check for possible errors
    if(counted_bars < 0)
        return(-1);

    // Iteration Limit
    limit = Bars - 1 - counted_bars;

    // Iterate all bars from past to present
    for(int i = limit; i >= start; i--)
    {
        // Ignore first bar

```

```
if(i >= Bars-1) continue;  
  
// Store empty value first, no action by default  
SignalBuffer[i] = EMPTY_VALUE;  
  
// If bullish breakout  
if(Close[i] > High[i+1]) SignalBuffer[i] = OP_BUY;  
  
// If bearish breakout  
if(Close[i] < Low[i+1]) SignalBuffer[i] = OP_SELL;  
}  
return(0);  
}
```

Indicators Information

1) Swing Trading Inputs.

Custom Indicator - PZ_SwingTrading

About Common Inputs Dependencies Colors Visualization

Variable	Value
Settings_ex	— Indicator Settings
Trend period (Bigger value = longer trends)	805
Baseline period (Keep below Trend Period)	350
Display swing signals	true
Display corrections	true
Max. History Bars to evaluate	3000
DS_Settings	— Multi-Timeframe Dashboard Settings
Display the dashboard	false
Display statistics	true
Uptrend baseline color	SkyBlue
Uptrend color	PowderBlue
Downtrend baseline color	LightSalmon
Downtrend color	Pink
Positive Label	Blue
Negative Label	Red
CL_Settings	— Drawing Settings
Bullish signals color	DeepSkyBlue
Bearish signals color	Tomato
Arrow size	3
Lines size	4
Alerts_ex	— Alerts
Custom alert name	My Alert Name
Pop-Up alerts	false
Email alerts	false
Push alerts	false
Sound alerts	false
Sound file	alertwav

Load Save

OK Cancel Reset

Want to use the settings (in the blue box) for the Stop Reverse EA and not using default setting.

Information from seller's web site (only for information may not be useful):

"In order to build your expert advisor, you can read data from the indicator using the iCustom() function as exemplified below. The indicator has one extra buffer which only purpose is to store trading signals as constants: this is the only buffer you need to read from. Copy and paste the code below into your custom EA, and replace the indicator name of the iCustom() call with your own."

//---- Step 1: Define constants in your EA

```
#define OP_BUY_CORR 2
```

```
#define OP_SELL_CORR 3
```

//---- Step 2: Read values from the signal buffer

```

int start()
{
// Read signal and current trend

double signal = iCustom(Symbol(), Period(), "Marketpz-swing-trading", 6, 1);
double trend = iCustom(Symbol(), Period(), "Marketpz-swing-trading", 7, 1);
double trend_1 = iCustom(Symbol(), Period(), "Marketpz-swing-trading", 7, 2);

// Do something

if(trend == OP_BUY && trend_1 != OP_BUY) { /* Your code for bullish trend change */ }
if(trend == OP_SELL && trend_1 != OP_SELL){ /* Your code for bearish trend change */ }

if(signal == OP_BUY)          { /* Your code for bullish swing */ }
if(signal == OP_SELL)        { /* Your code for bearish swing */ }

if(signal == OP_BUY_CORR)     { /* Your code for bullish correction */ }
if(signal == OP_SELL_CORR)    { /* Your code for bearish correction */ }

if(signal == EMPTY_VALUE)     { /* Your code if no signal */}

// Exit

return(0);
}

```

In the above example, the signal buffer number is 0

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2) PZ_Wolfe Waves

Variable	Value
Se_Ex	===== INDICATOR SETTINGS =====
Amplitude	8
Breakout Period	1
Max. History Bars	5000
PA_Ex	===== DRAWING OPTIONS =====
Display Stats	true
Display SL/TP Levels	true
Display Price Labels	true
Bullish Pattern	LightSkyBlue
Bearish Pattern	Salmon
Bullish Label	Blue
Bearish Label	Red
Neutral Label	Teal
Label Font Size	14
Small Font Size	7
Line Width	9
BR_Ex	===== BREAKOUTS =====
Bullish Breakouts	DodgerBlue
Bearish Breakouts	Red
Arrow Size	3
Alerts_ex	===== ALERTS =====
Custom Alert Name	My Alert Name
Display Alerts	false
Email Alerts	false
Push Alerts	false
Sound Alerts	false
Sound File	alert.wav

Buttons: Load, Save, OK, Cancel, Reset

Want to use the settings (in the blue box) for the Stop Reverse EA and not using default setting.

Information from seller's web site (only for information may not be useful):

In order to build custom expert advisor, you can read data from the indicator using the `iCustom()` function as exemplified below. The indicator has one extra buffer which only purpose is to store trading signals as constants: this is the only buffer you need to read from. Copy and paste the code below into your custom EA, and replace the indicator name of the `iCustom()` call with your own.

```
//---- Read value from data buffer
```

```
int start()
```

```
{
```

```
// Read value from data buffer
```



```
double value = iCustom(Symbol(), Period(), "PZ_WolfeWaves_LICENSENUM", 1, 1);
```

```
// Do something
```

```
if(value == OP_BUY)    { /* Your code for bullish signal (blue arrow) */ }
```

```
if(value == OP_SELL)    { /* Your code for bearish signal (red arrow) */ }
```

```
if(value == EMPTY_VALUE) { /* Your code if no pattern or breakout */}
```

```
// Exit
```

```
return(0);
```

}

////////////////////////////////////

3) PZ_123 Pattern

Variable	Value
Se_Ex	===== INDICATOR SETTINGS =====
Amplitude	10
Min. Retracement (zero = not used)	38.2
Max. Retracement (zero = not used)	61.8
Pattern Type	Both
Max. History Bars	3000
PA_Ex	===== DRAWING OPTIONS =====
Display Stats	true
Display SL/TP Levels	true
Bullish Pattern Color	LightSkyBlue
Bearish Pattern Color	Salmon
Bullish Label	Blue
Bearish Label	Red
Neutral Label	Teal
Label Font Size	14
Small Font Size	7
Line Width	9
BR_Ex	===== BREAKOUTS =====
Bullish Breakouts	DodgerBlue
Bearish Breakouts	Red
Arrow Size	3
Alerts_ex	===== ALERTS =====
Custom Alert Name	My Alert Name
Display Alerts	false
Email Alerts	false
Push Alerts	false
Sound Alerts	false
Sound File	alert.wav

Buttons: Load, Save, OK, Cancel, Reset

Want to use the settings (in the blue box) for the EA and not using default setting.

Information from seller's web site (only for information may not be useful):

In order to build custom expert advisor, you can read data from the indicator using the iCustom() function as exemplified below. The indicator has one extra buffer which only purpose is to store trading signals as constants: this is the only buffer you need to read from. Copy and paste the code below into your custom EA, and replace the indicator name of the iCustom() call with your own.

```
//---- Define pattern types
```

```
#define CONTINUATION 0
```

```
#define REVERSAL 1
```

```
#define BOTH 2

//---- Read values from the signal buffer

int start()
{

// Read signal

double value = iCustom(Symbol(), Period(), "PZ_123Pattern_LICENSE", "--", 8, 38.2, 71.8, BOTH, 1, 1);

// Do something

if(value == OP_BUY) { /* Your code for bullish signal */ }

if(value == OP_SELL){ /* Your code for bearish signal */ }

if(value == EMPTY_VALUE) { /* Your code if no signal */}

// Exit

return(0);

}
```

////////////////////////////////////

4) PZ_Pennants

Variable	Value
Se_Ex	===== INDICATOR SETTINGS =====
Size	6
Breakout Period	2
Max History Bars	2000
PA_Ex	===== PATTERN SETTINGS =====
Color of bullish patterns	LightSkyBlue
Color of bearish patterns	Salmon
Color of unbroken patterns	Teal
Line Width	3
BR_Ex	===== BREAKOUT SETTINGS =====
Color of bullish breakouts	DodgerBlue
Color of bearish breakouts	Red
Arrow Size	2
AlertsE_ex	===== ALERT EVENTS =====
Alert on breakouts	true
Alert on patterns	true
Alerts_ex	===== ALERT SETTINGS =====
Custom alert name	EURGBP_H1
Pop Up alerts	false
Email alerts	false
Push alerts	true
Sound alerts	false
Sound file	alert.wav

Want to use the settings (in the blue box) for the EA and not using default setting.

Information from seller's web site (only for information may not be useful):

In order to build custom expert advisor, you can read data from the custom indicator using the iCustom() function as exemplified below. The indicator has one extra buffer which only purpose is to store trading signals as constants: this is the only buffer you need to read from. Copy and paste the code below into your custom EA, and replace the indicator name of the iCustom() call with your own.

```
//---- Read value from data buffer
```

```
int start()
```

```
{
```

```
// Read value from data buffer
```

```
double value = iCustom(Symbol(), Period(), "PZ_Pennants_LICENSENUM", 0, 1);
```

////////////////////////////////////

Seller's provided a coding example via the link : <http://blog.pointzero-trading.com/2019/10/06/how-tos/how-to-trade-trend-trading-signals-with-hedging-ea/>

Note : But it is only for information as it uses a different EA and different indicator.