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1 // Based on Katky Lien's Perfect Order Strategy
2 // Developed by trader2be - November 2007
3
4
5 var blnCondition1 = false;
6 var blnCondition2 = false;
7 var blnCondition3 = false;
8 var blnCondition4 = false;
9 var blnCondition5 = false;
10 var blnCondition6 = false;
11 var blnLongSetUp = false;
12 var blnShortSetUp = false;
13 var intl = 0;
14 var vEMA9 = new MAStudy(9, 0, "Close", MAStudy.EXPONENTIAL);
15 var vEMA18 = new MAStudy(18, 0, "Close", MAStudy.EXPONENTIAL);
16 var vEMA40 = new MAStudy(40, 0, "Close", MAStudy.EXPONENTIAL);
17 var vADXDM14_14 = new ADXDMStudy(14, 14);
18
19
20 function preMain() {
21     setPriceStudy(true);
22     setStudyTitle("Perfect Order");
23 }
24
25 function main() {
26
27     //ADX Conditions (common to both long and short positions)
28     blnCondition1 = vADXDM14_14.getValue(ADXDMStudy.ADX) > 20; //ADX > 20
29     blnCondition4 = vADXDM14_14.getValue(ADXDMStudy.ADX,-1) < vADXDM14_14.getValue(ADXDMStudy.ADX,0) &&
30         vADXDM14_14.getValue(ADXDMStudy.ADX,-2) < vADXDM14_14.getValue(ADXDMStudy.ADX,-1); //ADX has been
31
32     // EMA Conditions for Short
33     blnCondition2 = vEMA9.getValue(MAStudy.MA) < vEMA18.getValue(MAStudy.MA); //EMA(9) < EMA(18)
34     blnCondition3 = vEMA18.getValue(MAStudy.MA) < vEMA40.getValue(MAStudy.MA); //EMA(18) < EMA(40)
35
36     // EMA Conditions for Long
37     blnCondition5 = vEMA9.getValue(MAStudy.MA) > vEMA18.getValue(MAStudy.MA); //EMA(9) > EMA(18)
38     blnCondition6 = vEMA18.getValue(MAStudy.MA) > vEMA40.getValue(MAStudy.MA); //EMA(18) > EMA(40)
39
40     //Short Set-up
41     if (blnShortSetUp == false) {
42         if (blnCondition1 && blnCondition4 && blnCondition2 && blnCondition3) {
43             intl=0;
44             blnShortSetUp=true; //Set up conditions are met for a short entry
45         }
46     }
47
48     //Long Set-up
49     if (blnLongSetUp == false) {
50         if (blnCondition1 && blnCondition4 && blnCondition5 && blnCondition6) {
51             intl=0;
52             blnLongSetUp=true; //Set up conditions are met for a long entry
53         }
54     }
55
56     //Short Entry
57     if (blnShortSetUp) {
58         if (vEMA9.getValue(MAStudy.MA) < vEMA18.getValue(MAStudy.MA)) { // Automatic exit if EMA cross over
59             if (intl < 5) { // must have 5 successive candles that do not break the EMA before we enter
60                 if (close(0) < vEMA9.getValue(MAStudy.MA)) {
61                     intl++;
62                 }
63             } else {
64                 drawShape(Shape.CIRCLE, AboveBar2, Color.red);
65             }
66         } else {
67             drawShape(Shape.UPARROW, AboveBar2, Color.red); //Draws black arrow in case of exit
68             blnShortSetUp=false;
69         }
70     }
71
72     //Long Entry

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69     if (blnLongSetUp) {
70         if (vEMA9.getValue(MAStudy.MA) > vEMA18.getValue(MAStudy.MA)) { // Automatic exit if EMA cross over
71             if (intl < 5) { // must have 5 successive candles that do not break the EMA before we enter
72                 if (close(0) > vEMA9.getValue(MAStudy.MA)) {
73                     intl++;
74                 }
75             } else {
76                 drawShape(Shape.CIRCLE, AboveBar2, Color.green);
77             }
78         } else {
79             drawShape(Shape.DOWNARROW, AboveBar2, Color.red); //Draws black arrow in case of exit
80             blnLongSetUp=false;
81         }
82     }
83
84     return null;
85 }
```