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//+-----+
//|                SilverTrend .mq4 |
//|                SilverTrend rewritten by CrazyChart |
//|                http://viac.ru/ |
//|                modified by Kalenzo bartlomiej.gorski@gmail.com |
//+-----+
#property copyright "SilverTrend rewritten by CrazyChart"
#property link      "http://viac.ru/ "

#property indicator_separate_window
#property indicator_buffers 2
#property indicator_color1 Red //Red //Aqua
#property indicator_color2 Blue
#property indicator_width1 4
#property indicator_width2 4

extern int    SSP=7;
extern double Kmax=50.6; //24 21.6 21.6
extern int    CountBars=300;

//---- buffers
double ExtMapBuffer1[];
double ExtMapBuffer2[];
double ExtHBuffer1[];
double ExtHBuffer2[];

//+-----+
//| Custom indicator initialization function |
//+-----+
int init()
{
//---- indicators
IndicatorBuffers(4);
SetIndexStyle(0,DRAW_HISTOGRAM,0,4); //Red
SetIndexBuffer(0,ExtHBuffer1);
SetIndexStyle(1,DRAW_HISTOGRAM,0,4); //Aqua
SetIndexBuffer(1,ExtHBuffer2);

SetIndexBuffer(2,ExtMapBuffer1);
SetIndexBuffer(3,ExtMapBuffer2);

IndicatorShortName("FxTrend v2("+SSP+""));

//----
return(0);
}
//+-----+
//| Custor indicator deinitialization function |
//+-----+

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int deinit()
{
    return(0);
}
//+-----+
//| Custom indicator iteration function |
//+-----+
int start()
{
    if (CountBars>=Bars) CountBars=Bars;

    SetIndexDrawBegin(0,Bars-CountBars+SSP);
    SetIndexDrawBegin(1,Bars-CountBars+SSP);

    int i, counted_bars=IndicatorCounted();
    double SsMax, SsMin, smin, smax;

    if(Bars<=SSP+1) return(0);

    if(counted_bars<SSP+1)
    {
        for(i=1;i<=SSP;i++) ExtMapBuffer1[CountBars-i]=0.0;
        for(i=1;i<=SSP;i++) ExtMapBuffer2[CountBars-i]=0.0;
    }

    for(i=CountBars-SSP;i>=0;i--) {

        SsMax = High[Highest(NULL,0,MODE_HIGH,SSP,i-SSP+1)];
        SsMin = Low[Lowest(NULL,0,MODE_LOW,SSP,i-SSP+1)];

        smax = SsMax-(SsMax-SsMin)*Kmax/100;

        ExtMapBuffer1[i-SSP+6]=smax;
        ExtMapBuffer2[i-SSP-1]=smax;

    }
    for(int b=CountBars-SSP;b>=0;b--)
    {
        if(ExtMapBuffer1[b]>ExtMapBuffer2[b])
        {
            ExtHBuffer1[b]=1;
            ExtHBuffer2[b]=0;
        }
        else
        {
            ExtHBuffer1[b]=0;
            ExtHBuffer2[b]=1;
        }
    }
}

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}  
return(0);  
}
```