

TradeStation Development Environment - _retracement_1: Indicator

```

variables:
bool ResetCalcs( false ), { if true, the OHLCVCollection function resets the
OHLCV calculations }
int CSReg( 0 ),
double HH( -1 ), { holds Highest High }
double LL( -1 ), { holds Lowest Low }
double Retr50( -1 );

CSReg = CurrentSession( 0 ); { current custom session }
ResetCalcs = CSReg <> CSReg[1]; { change of regular session }

Value1 = #LODS[HH, LL, Retr50];

Plot1( HH, "HighestHigh" );
Plot2( LL, "LowestLow" );
Plot3( Retr50, "50Retrac" );

{ set plot colors to transparent for the prior bar to eliminate connectors from
prior session or day }
if ResetCalcs then
begin
SetPlotColor[1]( 1, Transparent );
SetPlotColor[1]( 2, Transparent );
SetPlotColor[1]( 3, Transparent );
end ;

```

Description	Technique	Line	Type
unknown identifier	_retracement_1	12	Error (#1)
1 error(s), 0 warning(s)			

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TradeStation Development Environment - _retracemen_1: Function

```

ResetCalcs = CSReg <> CSReg[1]; { change of regular session }

{ allow retrieval of data only after there is enough data loaded into the vector }
once ( RtnValOrErrorCode > 1 )
OkToCall = true ;

{ since updates to the OHLCV values must occur on every bar, the second argument in
the function call below is always true }
RtnValOrErrorCode = OHLCVCollection( ResetCalcs, true, OHLCV_Vector );

once
begin
HighVector = OHLCV_Vector[1] astype Vector ; { [1] = High Prices }
LowVector = OHLCV_Vector[2] astype Vector ; { [2] = Low Prices }
end ;

if OkToCall then
begin
oHH = Highest( HighVector, 1 );
oLL = Lowest( LowVector, 1 );
oRetr50 = (oHH+oLL)/2;
end
else if LastBarOnChartEx then
RaiseRuntimeError( "High and low not available for requested number of days " +
"or sessions. Try loading more historical data or increasing 'load " +
"additional bars' setting so that a minimum of " + NumToStr( 1, 0 ) +
" days of data are available. " );

#LODS = 1 ;

```

Description	Technique	Line	Type
unknown identifier	_retracemen_1	61	Error (#1)
1 error(s), 0 warning(s)			

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