**How to use Chart control:**

1- Copy Dll files to exe file path.

2- Change project Platform target to X86.

3- Add xPFT.Charting.dll and xPFT.Charting.Base.dll to the project references.

4- set xPFT.Charting.dll copy local properties to false.

5- Create and add chart control to the Parent Control.

6- Add chart area to chart control.

7- Add Series to chart.

--- chartControl1.AddSeries(newSeries);

8- Set the each chart area Axes minimum and maximum value. default value for min is -1 and for max is 1.

9- When even add new point to the each series point list's , the chart area that contain that series redraw.

--- series. AddPoint (x,y);

or

--- series. AddPoints(pointArray);

10- Use AddAnnotationLine(...) to add a line annotation to the chart area.

11- Use AddAnnotationShape(...) to add a shape annotation to the chart area.

12- Use AddAnnotationText(...) to add a text annotation to the chart area.

this methods create the annotation and return it.

13- If chartarea is static then set IsOptimaizRefreshing to false. else chartarea use to real time usage set IsOptimaizRefreshing to true.

14- To initialize the Legend : after adding series to the Chartarea run the legend.Initialize(chartArea.series);

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Also about series:

- LineThickness : Set the thickness of chart line.

- LineColor : Set the color of the line.

- KeepInRightOfYAxis : If set true the chart is don't draw left side of Y axis and if add a point with a under zero X value translate to right to keep the chart in right of Y Axis.

- AutoShift : If set true the chart is shifting to left if the end of the chart is receive to the end of the chart draw area.

- ChartType : Set the Type of the chart. line, bar, ...

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Also about chart area:

- IsGridShow : Set or Get the boolean that determine is grid show or not.

- IsOptimaizRefreshing : Get or Set is refreshing automatically or not. If set this properties to false you should call every chart area Redraw() method.

- RefreshRate: Get or Set automatically refresh rate.

- WidthRatio : a float number that determine how much of chart control width is set to the this chart area width.

- XAxis : The X Axis. set or get xAxis properties.

- YAxis : The Y Axis. set or get yAxis properties.

- AxisRelate: a float number that determine the chartarea's first and second axis relate rate.

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Also about axis:

- LineColor : Set or Get the color of the axis line.

- LineWidth : Set or Get the thickness of the axis line.

- Maximum : maximum value of the axis.

- Minimum : minimum value of the axis.

- Title : title of the axis.

- Type : type of the axis.

- IsAxisLabelManageAutomatically: if set with true then labels angel and position is set automatically else set with user values.

- Labels: the array of object that be shown instance of the value in the axis labels position.

- LabelSize: the size of the axis label size.

- SpaceBetweenLabel: Space between two label in axis.

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Also about Annotation:

- Have MouseUpArea, MouseDownArea, MouseMoveArea event handler to handle Mouse Up on the chart area, mouse down on the chart area, mouse move on the chart area.

- IsInFrontOfSeries : set it true to drawing the annotation in front of the series. to draw behind the series set false.

- LineWidth : set or get the annotation line width.

- Opacity : set or get the opacity of the annotation.

- LineColor : set or get the color of the annotation line, boarder or ... .