

Announcing Nevron Vision for .NET 2015.1 the best component suite for .NET data visualization!

Online PR News â€“ 25-March-2015â€“ Nevron Vision for .NET 2015.1 comes with a major upgrade on the Nevron Chart for .NET and many improvements on Nevron Diagram for .NET and Nevron UI for .NET. Adding several new charting types, stock charts data grouping, dynamic Y axis ranges and many more features and improvements is making it the absolute ultimate choice for creating advanced dashboards for WinForms, WPF, ASP.NET and MVC applications.

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Following is a list of the most important updates on the Nevron Chart for .NET.

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Tree Map Chart Series

Tree maps display hierarchical (tree-structured) data as a set of nested rectangles. Each branch of the tree is represented by a group object which is given a rectangle, proportional to the aggregate value of its sub nodes.

Nevron Chart for .NET Tree Map series come with advanced legend and labeling options and supports drill-down functionality.

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Heat Map Chart Series

Version 2015.1 introduces Heat Map Chart Series: a 2D representation of data where the individual values are contained in a matrix and are represented as colors, which are taken from an associated palette.

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Added Custom Colors to the Grid Surface Chart Series

The Grid Surface chart series now has the ability of assigning custom color per each individual surface vertex.

All color settings are also reflected in the legend.

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Palette Legend Item (ColorBar)

The palette legend item is a new legend item that allows you to display palette (colorbar) information on the legend. It works with Surface, Heat Map and Tree Map series.

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Added Custom Colors to the Mesh Surface Chart Series

The Mesh Surface chart series now has the ability to assign custom color per each individual surface vertex. All color settings are also reflected in the legend.

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Stock Chart Data Grouping

The stock chart series can now have stock data grouping. Stock grouping allows the visualization of stock data by aggregating values that are close together in time in order to avoid overpopulation in the chart. Grouping mode and additional properties can be modified for further customization.

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Improved Hit Test

Hit testing functionalities has been added to numerous chart series in the 2015.1 version of the Chart for .NET. This includes Stock Chart series (Stock Data Grouping as well), Kagi, Renko, Point and Figure and Three Line Break charts.

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Some additional improvements on Nevron Chart for .NET

The new version comes with many performance and memory improvements like completely redesigned mesh and grid surface rendering, improved zone rendering, improved min / max calculation for all series and improved 2D rendering speed.

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Advanced Line Studies

In the 2015.1 release Nevron introduces advanced functionality of Line studies (financial or indicator charts). The line studies supported by Nevron Chart for .NET are Fibonacci Arcs, Fibonacci Fans, Fibonacci Retracements, Quadrant Lines, Speed Resistance Lines and Trend line.

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Additional interactivity

The new version of Nevron Chart for .NET includes Panel zoom and drag functionality, allowing the viewer to zoom in a selected area of the chart and then move onto another one with dragging instead of zooming out.

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Dynamic Y Axis Range

All Nevron chart series support dynamic axis range - the Y axis range can be computed either based on the content of the whole series or based on the series visible range on the X axis. This allows axis scrolling and zooming to show a Y axis with greater detail.

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Const Lines and Stripes Improvements

Axis const lines and axis stripes can be included in the calculated axis range. This feature allows for the automatic inclusion of const lines and stripes in the visible axis range.

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60 days fully functional evaluation

The best way to understand the power of Nevron Vision for .NET is to test it. This is why we provide a fully functional 60 days free evaluation with no obligations whatsoever.

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