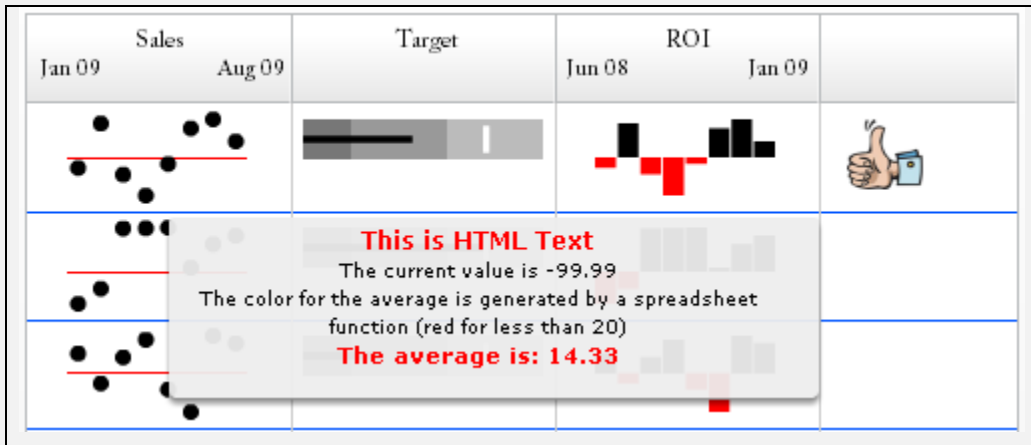




Components for Xelsius

Micro Charts & Grids Updates May 2010



A Custom Tooltip and External Image in a Grid

Inovista Micro Components for Xcelsius

For the May 2010 update, a range of new features have been added to the Micro Charts and the Tree and Data Grid components. Additionally, a number of bugs have been repaired.

IMPORTANT: If you have any old versions of Inovista products installed in Xcelsius, please download a new version of each xlx file and re-install. The underlying libraries have been changed and may clash in Xcelsius.

The main enhancements are as follows (note that this list also includes features from (11/09) :

Tree Grid

- You can now define the opening indentation level of the Tree Grid. This is done in the 'Tree Column' tab using the 'Opening Indentation' option.
- A node rollover effect has been added. Select the effect (or none) in the 'Tree Column' tab. Use the 'Node Rollover' option.
- It is now possible to define a different background color for each indentation level in a Tree Grid. This is done in a new tab, 'Tree Row Colors'.

Tree and Data Grid Custom Selected Row Color

The selected row in the Data and Tree Grids can now be highlighted. The highlight color can be defined in the 'Appearance/Gridlines and Border' tab.

Chart Auto Scaling

For charts where scaling is relevant, an auto scaling options has been added. On selection the chart will be scaled to maximum value +10% and minimum value -10%.

Simplified High-Low Axis Option

On charts that can show an Axis, there is now an option to only show the high and low values on the axis.

Binding Min and Max Range Data in Grids and Trees

You can now define the minimum and maximum ranges for individual charts in a data grid. This means that each chart in a tree or data grid row can have different maximum and minimum range values.

Binding Dynamic Tool Tip Values in Grids and Trees

Tooltips come with a range of dynamic values which are updated for each individual chart (i.e. \$value, \$target), however, you can now include non-standard custom values by using the 'Bind Tooltips' option in the 'Generic Binding' tab.

Using Alert Data to Create a Variable Reference Line or Second Chart Line

For the Microline, MicroBar, MicroColumn, MicroArea and MicroPlot charts, it is now possible to use the alert or target data to present a secondary line chart or a reference line. This works in both the grids and for individual charts.

External Bind Options

All Inovista products now include an option to export their ID to the spreadsheet so that they can be used in Inovista container products like the *SVG Floating Background*. This means that once the components are added to the container, they can be dragged together, scaled, shown or hidden.

Shape Indicator

- The Shape Indicator now allows the use of up to 5 external 'PNG' images that can be included with each shape component and displayed for a data range.
- The Shape Indicator can be presented as a Range Bar component. This is a component in the form of a bar which represents the full data value range over a period and displays a shape as the current data value. This is useful, for example, to present the current value of a financial commodity against a high and low for the last 12 month period.

Tooltips

- Tooltip functionality has been greatly enhanced. A range of wildcard values that represent chart value (min, max, average, current value etc.) can be included. Custom tooltips can be entered manually or bound from a spreadsheet cell. You can also use HTML text, change the background and transparency.

Value Labels

- Where applicable, you can add values labels to the chart to indicate the chart range, for example a start and end month at each side of the X axis.

Micro100BarChart

- The Micro100BarChart can now be presented vertically in addition to horizontally. You can also add a border around each section.

TextNumberIndicator

- You can add hyperlinks to the TextNumberIndicator.

3D Style Charts

- A Bevel Filter option has been added to most charts to provide a 3D effect to the data items in the chart.

Other Features

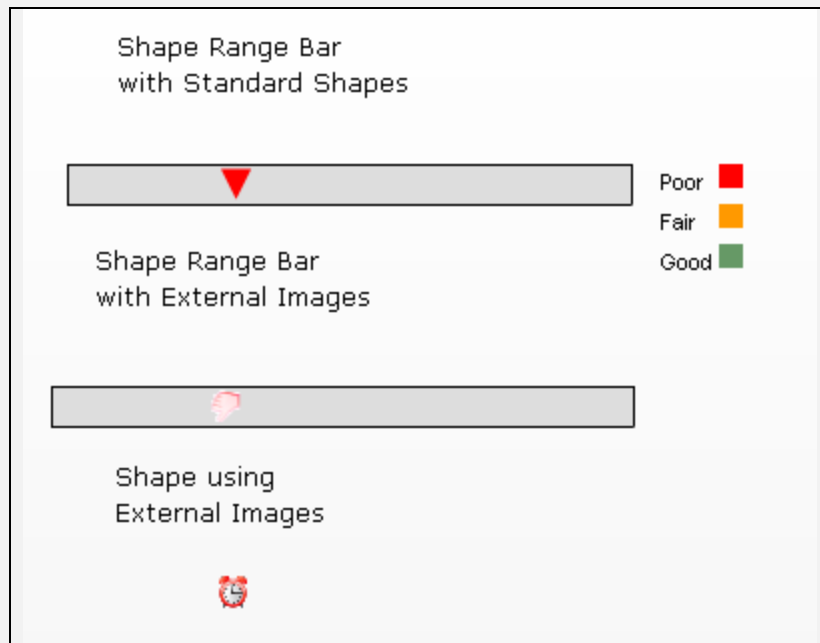
- Line Breaks are now available for Column Headers in the Tree and Data Grid; and the TextNumberIndicator. You can also import line breaks from a spreadsheet cell.
- For charts that accept multiple legends, the legend text can be bound to spreadsheet values.
- The Tree Grid now sorts in a correct fashion sorting only within each hierarchy level.
- The Charts and Grids now offer a mouse rollover facility. Data can be output to the spreadsheet when the user moves the mouse over the chart component or a cell in the Data or Tree Grid.
- Rollover effects are now available for the nodes in the tree selector in the Tree Grid.

The Shape Indicator Enhancements

Range Bar Component

The Shape Indicator can be converted to a Range Bar which shows the current value of a data point against a user defined range, for example, the annual high and low data points. Range Bar property sheet options include:

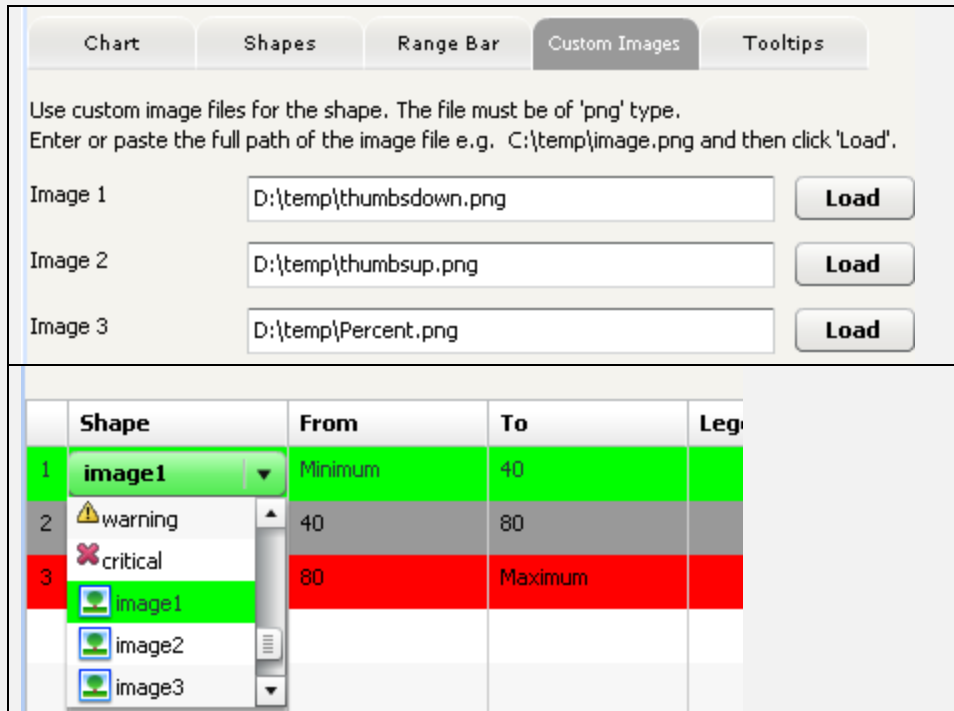
- Range High and Low Points (bound or manually entered)
- Bar width
- Orientation of the bar: vertical or horizontal
- Bar color
- Bar border
- Border color and thickness



Shape Range Bars and External PNG images

External Images

In addition to the current range of shapes and images, you can now import external images to add to Shape component. These images must be of PNG type. Once loaded, they are stored within the exported Xcelsius file and do not need to be accessed via a URL.



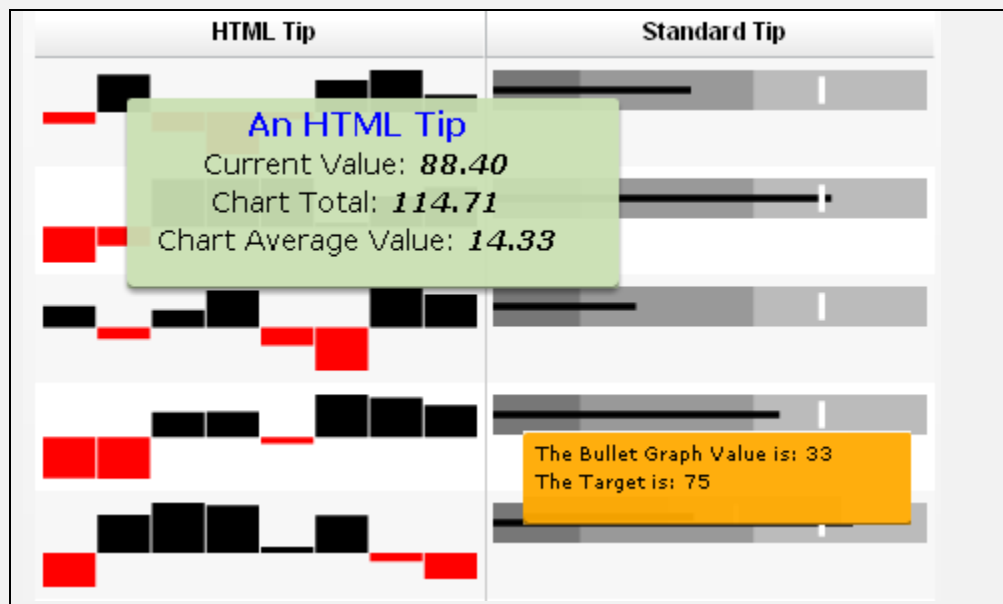
Shape External Image Property Editors

Up to 5 external images can be used per Shape component. There is no size limitation to external images; however, the larger the image, the slower the startup time.

Custom Tooltips

Most components now include a custom tooltip property tab. Custom tooltips are also available for the Grid components, each column in the table or tree grid can display different types of tooltip. Tooltips can be standard or HTML text and can be bound to the spreadsheet or entered manually.

By using wildcard text items in the tooltip definition, you can include values taken from the chart directly under the mouse to create the tooltip text. The available wildcard items will vary from chart to chart, but include the current value; the chart average, maximum, minimum and total; chart ranges, element ranges and target.

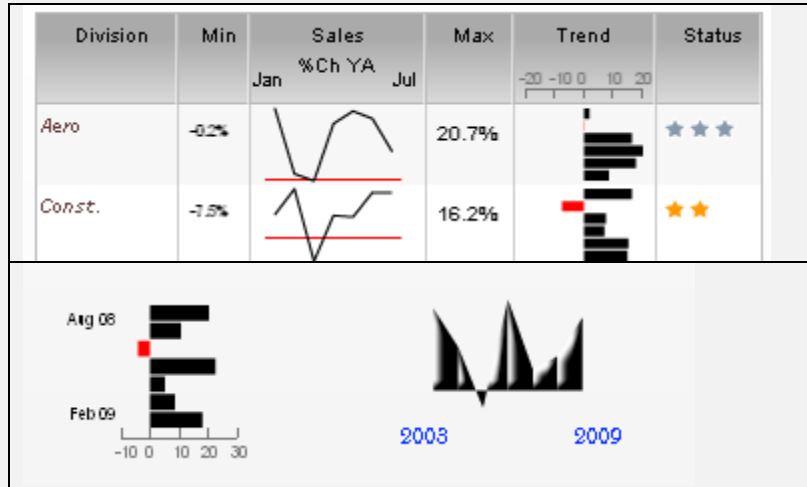


Differing Tooltip styles in a Data Grid

Axis Value Labels

You can now add value labels as well as a standard axis label. These labels may be placed on the x axis in the case of horizontally plotted charts such as the Micro Line or the y axis for Bar Charts.

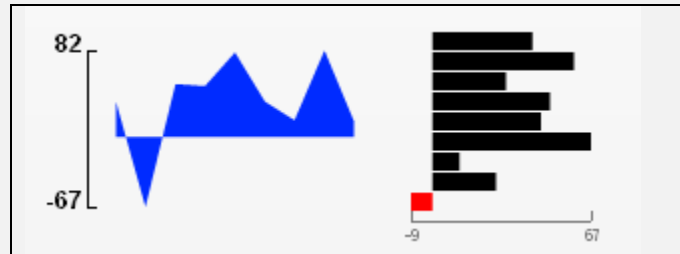
When used in a Data Grid, the axis values can be placed in the column header.



Value Labels on Charts and Grid Header

High-Low Axis

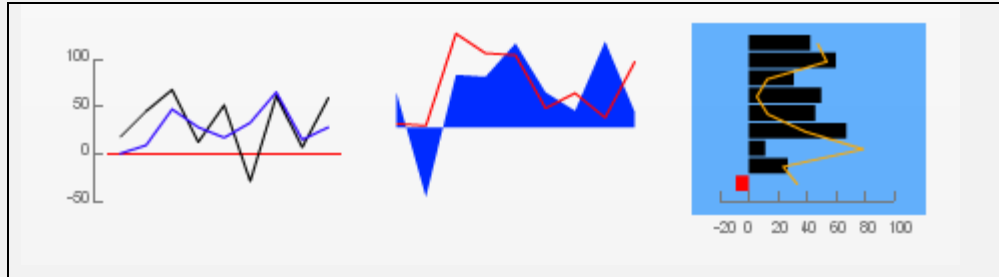
A High-Low axis can be added to a chart by selecting the 'Hi-Low Axis' option in the Axis tab.



High Low Axis Values

Using a Target Value as Secondary Plot Line

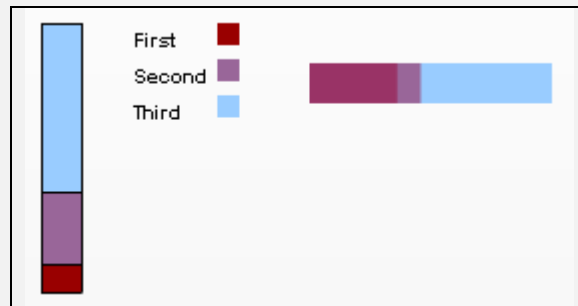
The target values defined for alerting can now be plotted as a secondary data or reference line.



Target Values Plotted as Lines

Micro100BarChart

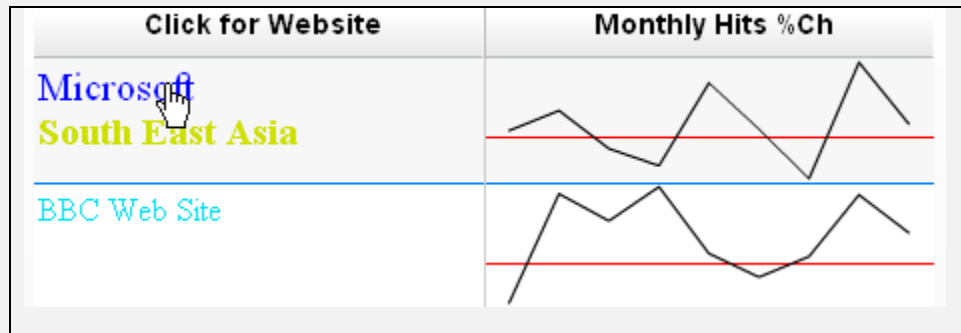
The Micro100BarChart can now be presented either vertically or horizontally permitting a stacked bar type look. A property editor has been added to allow the creation of borders for each section.



Micro100BarChart

TextNumberIndicator

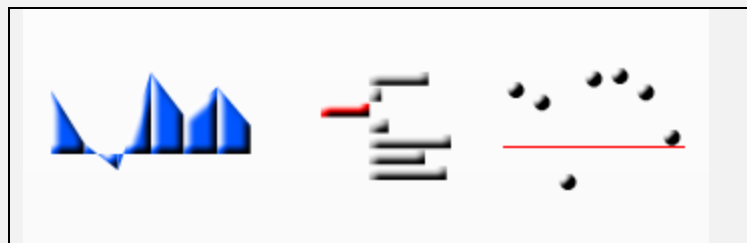
The TextNumberIndicator can now be defined in HTML and generate a hyperlink that opens a browser window with the clicked URL (note that the hyperlink text must begin with 'http://' or 'https://'). For non-HTML standard text, a line break can be created from bound text by using '\n' in the spreadsheet cell to represent the new line. This feature can be used in conjunction with spreadsheet cells to add parameters to an HTTP call, for example to retrieve a Web Intelligence document.



A TextNumberIndicator as a Hyperlink Defined in HTML

Chart Items Bevel Filter

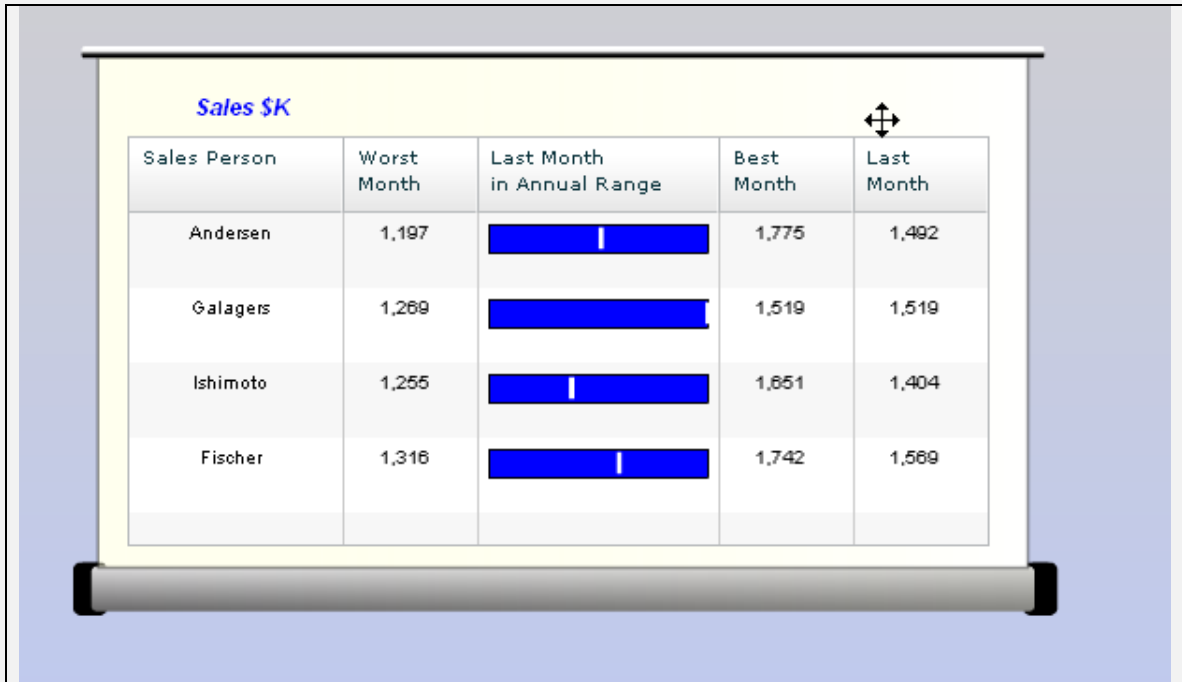
A bevel filter option has been added to most charts. Using the filter option provides the chart with a 3D look and feel.



Charts with Beveled Data Items

The External Bind Option

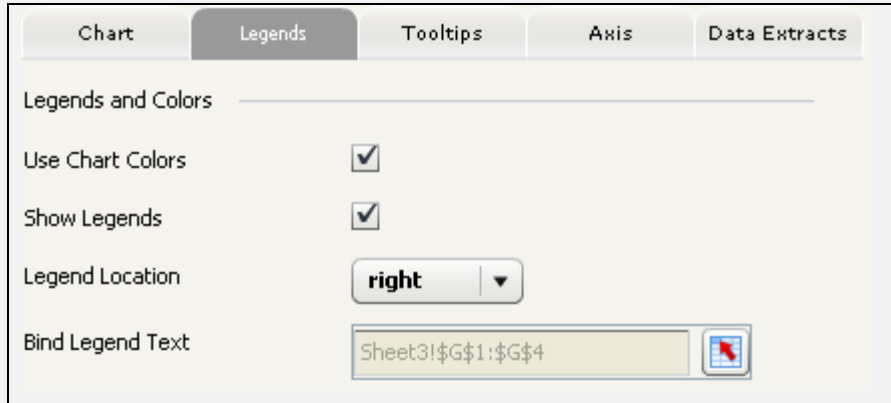
All Charts and Grids can now be included in Inovista containers such as the SVG Floating Background. This means they can be dragged, scaled, shown or hidden.



A Data Grid in an SVG Floating Background

Additional Bound Properties

Chart legend text can now be bound to spreadsheet values.

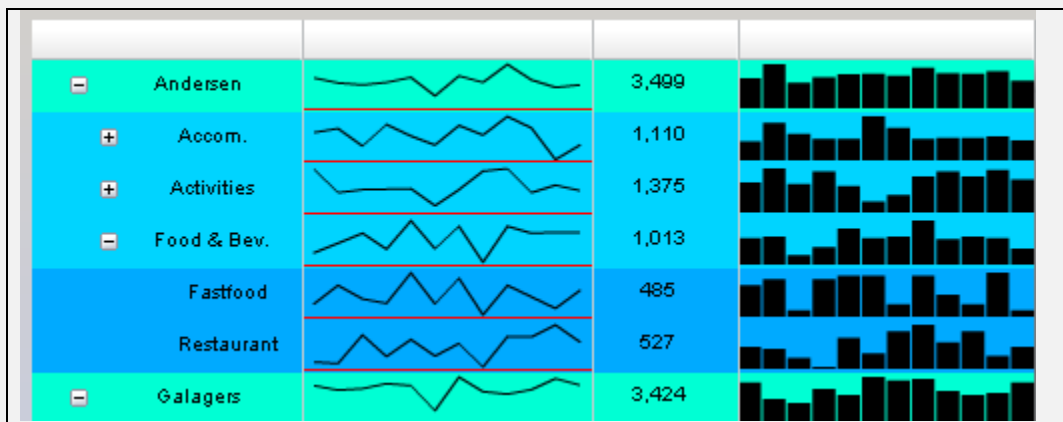


The Legend Text Bound Property

Data and Tree Grid column headers can also be derived from spreadsheet bind values.

Row Indentation Colors in Tree Grid

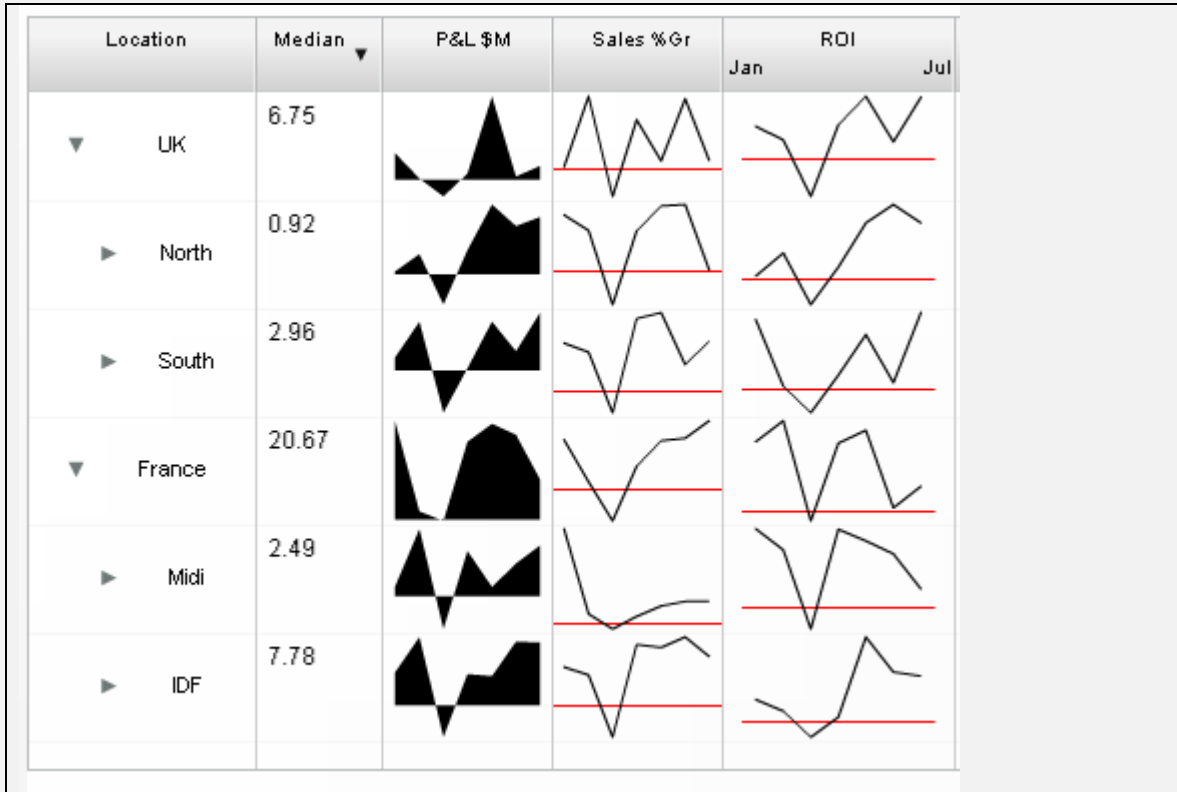
It is now possible to define a different color for each indentation level in the Tree Grid. There is a new tab, 'Tree Row Colors' that allows you to do this.



Indentation Level Colors

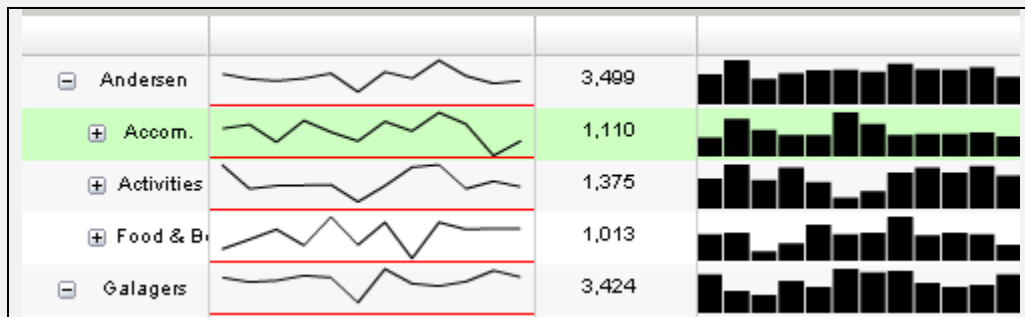
Tree Grid Sorting

The Tree Grid now sorts correctly whether the sort is on the tree column or one of the data columns in the grid itself.



Custom Selected Row Color

The selected row in the Data and Tree Grids can now be highlighted. The highlight color can be defined in the 'Appearance/Gridlines and Border' tab.



A Highlighted Selected Row

More Information

For more information about all Inovista products, please go to:

www.inovista.com

Check in the Samples and Tutorial tabs for examples and videos that can be downloaded. To ask a question about this document or any Inovista product, please contact Inovista with either of the following email addresses:

support@inovista.com

info@inovista.com

System Requirements for Installation

Xcelsius 2008 Service Pack 1 or later

Flash Player 9 or greater

At least 2 Gigabytes of RAM is recommended