NetAdvantage® for WPF 13.1 – Service Release Notes – May 2013

Create electrifying user experiences with next generation WPF controls that deliver the high performance and rich feature set your line-of-business users demand. Visual Studio® 2010 and Expression Blend® support streamlines your creation of Windows® 7 and Office® 2010 style experiences that are immersive and engaging.

Installation

Downloading	[Download NetAdvantage for WPF here.](#)

What's Changed

Components	Product Impact	Description
Calculation Manager	Bug Fix	The formulas are not applied when the sources are initialized after the targets Notes: Fixed an issue in XamCalculationManager where adding the formula target references before their source references caused the formulas to not get calculated.
Combo Editor	Bug Fix	ComboEditor throws ArgumentException when CustomFilter is set to NotEquals and a value is typed into the editor
Combo Editor	Bug Fix	Once the xamComboEditor controls gets the focus and it is in Selectable mode, it is not possible to tab out of it
Combo Editor	Bug Fix	During typing Japanese symbols the dropdown height is very high

| Combo Editor | Bug Fix | The wrong item is selected with menu open if combo items contains multiple items with the same display text

Notes:
Fixed an issue in xamComboEditor that occurred when the items source contained multiple items with same display text. |
|---|---|---|
| Currency Editor | Bug Fix | xamCurrency editor behaves incorrectly when pasting a value into it |
| Data Chart | Bug Fix | Setting the CategoryXAxis ItemsSource to null requires a refresh before the CategoryHighlightLayer can be cleared |
| Data Chart | Bug Fix | DashArray,DashCap,LineJoin,MiterLimit, Startcap/Endcap are not working on the hover interaction layers |
| Data Chart | Bug Fix | IsStacked returns false for all StackedSeries when using hover interactions |
| Data Chart | Bug Fix | IsVertical returns false for StackedBar/Stacked100BarSeries when using hover interactions |
| Data Chart | Bug Fix | Tooltips are cut off on the far right when using touch gestures |
| Data Chart | Bug Fix | The Category Tooltip Layer disappears when pressing it down using touch gestures |
| Data Chart | Bug Fix | After dragging the tooltip, it appears with a longer tail after you have completed the drag when using touch gestures |
| Data Chart | Bug Fix | GetSeriesLowValue/GetSeriesHighValue/GetSeriesLowValueFromSerPixels/GetSeriuesHighValueFromSeriesPixels returns incorrect values for RangeSeries when using hover interactions |
| Data Chart | Bug Fix | GetSeriesHighValuePosition/LowValuePosition always returns NaN for RangeSeries(Column/Area)-None of the hover interaction layers work on these series |
| Data Chart | Bug Fix | CategoryItemHighlightLayer does not work correctly on the FinancialIndicators - the markers are misplaced |
| Data Chart | Bug Fix | CategoryItemHighlightLayer does not display on BarSeries |
| Data Chart | Bug Fix | CategoryToolTipLayer shows tootltips without values when mouse cursor is over y-axis line |

Data Chart	Bug Fix	Setting the SkipUnknownValue to true and then false again with UseInterpolation on ,does not display the ItemLayerMarkers correctly on category series Notes: A scenario where annotation layers were interpolated oddly with NaN values has been resolved.
Data Chart	Bug Fix	Clearing the ItemsSource/DataContext of the Series when using hover interactions a null reference exception is thrown Notes: Fixed an issue that caused null reference exception when ItemsSource of a series was cleared and CategoryItemHighlightLayer was trying to get a value for an item under mouse cursor.
Data Chart	Bug Fix	Setting the UseIndex to true and then back to false does not set the series color back to the default CategoryItemhighlightlayer color Notes: A scenario where an annotation layer would not return to default colors when the index was released was resolved.
Data Chart	Bug Fix	Incorrect API description for the MarkerTemplate property of the CategoryItemHighlightLayer
Data Chart	Bug Fix	Setting the cursor position to certain values moves the annotation layer as you zoom in/out ; does not remain constant
Data Chart	Bug Fix	Setting the UseLegend to true and back to false does not remove the hover interaction layer's LegendItem from Legend
Data Chart	Bug Fix	CategoryItemHighlightLayer does not display correctly for the BBO and PCO (overlays) Notes: a scenario where the annotation layers would appear at the wrong position for financial overlays was resolved.

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Data Chart	Bug Fix	Setting the Transitions on multiple Column type series (inclu. BarSeries) and setting the HighlightType to marker does not display the CategoryItemHighlightLayer correctly Notes: A scenario where grouped category series would not display correctly with annotation layers has been corrected.
Data Chart	Bug Fix	Exception occurs when CategoryItemHighlightLayer /ItemTooltipLayer is plotted with any FinancialSeries on a CategoryDateTimeXAxis Notes: A scenario where the annotation layers would cause an exception with fincial series + date time x axis was resolved.
Data Chart	Bug Fix	CategoryItemHighlight layer markers do not annotate correctly with duplicate datetime values on DateTimeAxis Notes: A scenario where multiple values with the same date time value would confuse the annotation layers has been resolved.
Data Chart	Bug Fix	Clearing the Axes or setting the XAxis ItemsSource to null with ItemTooltipLayer annotates a single tooltip when hovered
Data Chart	Bug Fix	Series with the tooltip as string does not display the text in the tooltip of ItemTooltipLayer
Data Chart	Bug Fix	Long tails of the ItemTooltips are displayed when the chart is zoomed with ItemTooltipLayer Notes: A scenario where off screen item tooltips would have long pointer tails has been resolved.
Data Chart	Bug Fix	Values in the ItemTooltip near the NaN/Null datapoints of the series are not displayed correctly with ItemTooltipLayer
Data Chart	Bug Fix	Uncertain ItemTooltip values when Interpolation is set to true and skipUnknowns is set to true/false with Nulls/NaNs

Data Chart	Bug Fix	With certain datasources the ItemTooltips overlap and get truncated Notes: A scenario where item tooltips wouldn't auto collide properly has been resolved.
Data Chart	Bug Fix	The ItemTooltips of the ItemTooltipLayer do not annotate at correct positions for the Overlays (PCO/BBO)
Data Chart	Bug Fix	NullRefException when invalid Axis is specified to the Series with ItemTooltipLayer added
Data Chart	Bug Fix	Unhandled exception when Min and Max of the YAxis are set to 0 with ItemTooltipLayer plotted.
Data Chart	Bug Fix	Marker location of CategoryItemHighlightLayer/ItemTooltipLayer is not interpolated along the spline
Data Chart	Bug Fix	Unhandled exception when Min and Max of the YAxis are set to 0 with CategoryItemHighlightLayer plotted.
Data Chart	Bug Fix	NullReferenceException when an empty ObsCollection is set as ItemsSource on the series with ItemTooltipLayer plotted
Data Chart	Bug Fix	ItemTooltipLayer and CategoryItemHighlightLayer layers are not positioned correct for the FinancialSeries with DateTimeAxis Notes: A case where the item tooltips could go out of bounds was resolved.
Data Chart	Bug Fix	With VolumeMemberPath binded for the FPSeries/Indicators , the hover interaction layers take into account the VolumeMemberpath for calculating the values
Data Chart	Bug Fix	Sometimes the hover interaction layers do not annotate correctly with unsorted datetime values on DateTimeAxis and transition duration or interpolation set.
Data Chart	Bug Fix	When zooming using ZoomRectangle the with hover interactions enabled on the charts, they do not remain in sync
Data Chart	Bug Fix	Category Tooltip remains when zooming in
Data Chart	Bug Fix	When zooming in on the crosshair layer, the crosshair remains visible
Data Chart	Bug Fix	When zooming in on the layers using touch gestures, the annotation layers are still visible
Data Chart	Bug Fix	Category Tooltip Layer using IGTheme in WPF is difficult to read

Data Chart	Bug Fix	CategoryHighlightLayer does not display when Category axes(Category&DateTime) is inverted and series aligned between gridlines (ColumnSeries) Notes: Category highlight layer will now display if the target axis is inverted.
Data Chart	Bug Fix	CategoryHighlightlayer is still displayed on DatetimeAxis when Min and Max dates are same value (only with series aligned between gridlines)
Data Chart	Bug Fix	CategoryTooltipLayer is still displayed with just the LegendItemBadge with no tooltips specified for the series
Data Chart	Bug Fix	CategoryTooltipLayer is misplaced with long elongated tails when the series is zoomed in
Data Chart	Bug Fix	Blank CategoryTooltips displayed at the corner of the chart with NaN/Null points in the series
Data Chart	Bug Fix	Clearing the series ItemsSource throws a NullReferenceException with CategoryTooltipLayer
Data Chart	Bug Fix	CategoryTooltipLayer does not annotate correctly with BarSeries and other CategorySeries plotted together or 2 BarSeries with different ItemsSource
Data Chart	Bug Fix	Some of the hover interaction layers do not work with RangeColumn/RangeAreaSeries on CategoryDateTimeXAxis Notes: A scenario where an annotation layer would not properly annotate a range series was resolved
Data Chart	Bug Fix	A single CategoryToolTipLayer with dispersed position is displayed when Min and Max of the DateTimeAxis is set to same value Notes: A situation where an invalid category tooltip could be displayed was resolved.
Data Chart	Bug Fix	With Column type series and DTAxis, an empty tooltip is displayed at the corner with CategoryTooltip Layer when hovered at the extreme end of the chart
Data Chart	Bug Fix	With multiple axes and CategoryTooltipLayer plotted, clearing the Axes leaves behind a single tooltip
Data Chart	Bug Fix	Some of the hover interaction layers do not work on PriceChannelOverlay on DateTimeAxis

Data Chart	Bug Fix	With the ScatterSeries and the CategorySeries plotted on the same chart, the Item tooltips for Category Series are not annotated
Data Chart	Bug Fix	CategoryTooltips are displayed outside of the window in WPF with location OutsideEnd . Notes: A scenario where the category tooltips would be offset from the correct positions has been resolved.
Data Chart	Bug Fix	The CategoryTooltipLayer is not displayed on the NaN/Null datapoints on either of the Category Axes
Data Chart	Bug Fix	Sometimes the ItemTooltipLayer's pointers collide at the edges and are pointed inside the tooltips (tooltips could be shifted to the left) Notes: A scenario where item tooltips were suboptimally positioned was resolved.
Data Grid	Bug Fix	Excel exporter adds an extra header row when the grid contains groups and summaries with DisplayArea set to Bottom
Data Grid	Bug Fix	Excel style filtering dropdown opening time is slow when large data is used
Data Grid	Bug Fix	'TargetInvocationException' is thrown when opening/closing a window within the control Notes: Fixed an issue in data presenter that occurred when closing a window and hooking into CellsInViewChanged event.
Data Grid	Improvement	Support should be added for overriding Object.Equals() in xamDataGrid Notes: Added a DataItemEqualityComparer property to support scenarios where proxy items may be generated for the items and therefore reference equality comparison of the items is not possible.
Data Grid	Bug Fix	After changing 'DataSource' property, Field's Converter does not fire when changing its ConverterParameter

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Data Grid	Bug Fix	Save Customization saves the wrong Enum value Notes: Fixed an issue in data presenter where fields with custom enum data type didn't load filter conditions from saved customizations.
Data Grid	Bug Fix	An error is thrown when accessing cells of row that are out of view
Data Grid	Improvement	XmlException is thrown when LoadCustomizations is called and the XML file is not correctly formatted. Notes: Added overloads of data presenter's Load methods that do not generate exceptions and instead set new out string error parameter.
Data Grid	Bug Fix	Sorting a field makes a cell in edit mode not be able to enter in edit mode any more
Data Presenter	Bug Fix	When setting a filter the field hover animation is not working within the Metro theme
Data Presenter	Bug Fix	The tooltip of the filter cell is not displayed after LoadCustomizations method is called. Notes: Fixed an issue in data presenter where tool-tip of a filter cell did not show after loading customizations with filters.
Data Presenter	Bug Fix	Language property not affecting GroupByRecord's Description, when grouping by DateTime Field.
Data Presenter	Bug Fix	The Fields order is completely changed when a field changes its position
Data Tree	Bug Fix	When the xamDataTree control is bound to array ItemsSource it uses the incorrect NodeLayout for root node
Data Tree	Bug Fix	ItemTemplate events are not fired
Date Navigator View	Bug Fix	Changing calendar mode doesn't work as expected
Dock Manager	Bug Fix	Memory leak detected when loading the layout xml that contains the tag <tabGroup>
Dock Manager	Bug Fix	Tab header disappears when a value is entered in AutoCompleteBox and then the Tab is selected

Excel	Bug Fix	=Power(2,33) in XLS file causes #VALUE! Notes: Fixed an issue in the Excel library where loading XLS documents using POWER functions was causing those functions to evaluate to a #VALUE! error.
Formula Editor	Bug Fix	Binding fails for the Formula Editor's PriceForumla Property. Notes: Fixed an issue with the XamFormulaEditor where using a Binding to the Formula property with a Converter may cause the Formula to be null.
Gantt	Improvement	There is a long delay when initializing a Project with lots of tasks. Notes: Performance improvement in XamGantt when loading a data source with a large number of tasks.
Gantt	Bug Fix	Unable to scroll left to view start date when inside ScrollViewer
Grid	Bug Fix	The xamGrid control causes infinite measure loop during unload if measure is invalidated before the control is removed from the VisualTree
Grid	Bug Fix	Validation error remains after editing is cancelled on TemplateColumn
Grid	Bug Fix	ManagedRuntimeError is thrown when pressing 'End' key on a control inside TemplateColumnLayout.
Grid	Bug Fix	Drag CellSelection doesn't work in GroupColumns
Grid	Bug Fix	There is a rendering issue when changing the visibility of GroupColumn
Grid	Bug Fix	NullReferenceException when GroupByOperation is MergeCells and ItemsSource is CollectionView
Grid	Bug Fix	The xamGrid control is making additional calls to model when switching tabs (compared to xamDataGrid)
Linear Gauge	Bug Fix	LinearGaugeBarMarker goes out of Gauge's Scale upon theme change
Multi Column Combo	Bug Fix	Mouse scroll wheel doesn't scroll to bottom of dropdown
Olap Pie Chart	Bug Fix	Unnecessary collapse button in OlapPieChart when flatdata is used

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Outlook Bar	Bug Fix	When using Metro theme, it is not possible to style the NavigationPaneToggleButton.

Notes:
The NavigationPaneToggleButtonStyle was updated.
To change the ToggleButton Content Value

1- Add namespace   xmlns:igThemes="http://infragistics.com/Themes"

2- add Style BasedOn (to keep Metro Theme applied to the button)

```
      <igOB:XamOutlookBar.Resources>
<Style x:Key="{x:Static igOB:XamOutlookBar.NavigationPaneToggleButtonStyleKey}"
          TargetType="{x:Type ToggleButton}"
          BasedOn="{x:Static igThemes:OutlookBarMetro.NavigationPaneToggleButtonStyle}">
       <Setter Property="Content" Value="Changed Text"/>
       </Style>
</igOB:XamOutlookBar.Resources>
```

Pivot Grid	Bug Fix	MeasureListLocation and MeasureListIndex are not working at runtime

Pivot Grid	Bug Fix	Setting EnableAdvancedFiltering to true at runtime doesn't change the UI of the already added hierarchies and measures
Pivot Grid	Bug Fix	Drop area icons are visible after set drop area visibility to collapsed
Pivot Grid	Bug Fix	No padding between item and Selector boxes in WPF version
Pivot Grid	Bug Fix	French resource strings are displayed in Spanish Notes: The French resource file was accidentally updated with the Spanish strings. Replaced them with the French translations from the vendor.
Pivot Grid	Bug Fix	NullReferenceException is thrown when the source is changed for the OlapPieChart
Reporting	Bug Fix	The last header is not expanded when records are grouped and AutoFitMode is set to ExtendLastField Notes: Changed the default GroupByRecordPresenter template(s) such that they set the HorizontalAlignment of the PART_HeaderContentSite to Stretch when AutoFitToWidth was enabled.
Ribbon	Bug Fix	Changing the theme from Metro to Office2k7Blue at run time the caption of the MenuTool group is cut off
Schedule View	Bug Fix	Changing the value of 'TimeSlotInterval' makes the scrollbar's position change also
Tab Control	Bug Fix	Control is resizing when selecting the Tab with the longest header. Notes: Changed the margin for the content selected tab in the default templates for the TabItemEx to account for the adjusted margin when the tab is selected.
Timeline	Bug Fix	NullReferenceException occurs while adding DateTimeEntry in source before the series is added to xamTimeLine
Timeline	Bug Fix	DetailsPane is not stuck to its EventEntry and remains visible when the visible part of the Axis is changed using the Zoombar

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Windows	Bug Fix	Wrong German resource strings are displayed for special filter operands Notes: Updated the German translations for "Top" and "Bottom" filter items. The UI translations use the Microsoft terminology.
Ribbon	Bug Fix	InvalidOperation when selecting an item in GalleryTool
Data Chart	Bug Fix	Tooltips are displayed on the left on the touch support monitors Notes: A scenario where tooltips would sometimes appear to the left of the cursor rather than the right was resolved.
Data Chart	Bug Fix	No default brush set on any of the hover interaction layers
Data Chart	Bug Fix	Clearing the Axes does not remove the CategoryHighlightItemLayer from the chart
Data Grid	Improvement	Field Formula not saved for xamDataGrid when SaveCustomizations is called Notes: Added support in data presenter for saving CalculationSettings of Field and SummaryDefinition into customizations.
Data Grid	Bug Fix	NotSupportedException is thrown when prior DataSource is changed on a background thread Notes: Fixed NotSupportedException that was thrown when updating a hierarchical data source on a separate thread after the XamDataGrid's DataSource property has been cleared.
Dialog Window	Bug Fix	Width and Height properties are ignored on load in a WPF Browser Application
Dialog Window	Bug Fix	Binding error appears in the output when setting the WindowState to Normal.
Excel Exporting	Bug Fix	ArgumentNullException is thrown when exporting a Summary with CalculationSettings to Excel
Inputs	Bug Fix	Currency and Numeric input controls accept wrong characters
Multi Column Combo	Bug Fix	When chaning the itemsSource with new one containing different data objects and AutoGenerateColumn is set to True, the columns generated first do not get cleared

Org Chart	Bug Fix	NullReferenceException when trying to add a new node to the Org Chart
Pivot Grid	Bug Fix	AdvancedFiltering: Ok button is not disabled when unselecting all items from filter tree
Ribbon	Bug Fix	MenuTool is not disabled when the child ToolMenuItems are disabled