

# NetAdvantage<sup>®</sup> for WPF 12.1 – Service Release Notes – April 2013

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**NETADVANTAGE**  
for WPF



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<sup>®</sup> 2010 and Expression Blend<sup>®</sup> support streamlines your creation of Windows<sup>®</sup> 7 and Office<sup>®</sup> 2010 style experiences that are immersive and engaging.



## Installation

<b>Downloading</b>	<a href="#">Download NetAdvantage for WPF here.</a>
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## What's Changed

Components	Product Impact	Description
Calculation Manager	Bug Fix	Escape Sequence is not working in Referenceld  Notes: Fixed an issue in the calculation manager related to using characters in the control reference id that have special meaning to the reference name syntax.
Calculation Manager	Bug Fix	Formulas are not calculated if the reference id of a control contains a special character which is escaped properly in the formula.  Notes: Fixed an issue in calculation manager related to using characters in control reference id that have special meaning to the reference name syntax.
Color Tuner	Bug Fix	Visual Studio crashes when trying to update custom theme



Combo	Bug Fix	Instances are not collected when the control opens in a window and a new item is selected from the drop down causing a memory leak  Notes: Fixed an issue in XamComboEditor where it was causing itself to be rooted by the data source if the data source is IBindingList.
Combo Editor	Bug Fix	Noneditable XamComboEditor does not send the TextInput event when pressing keyboard character key
Combo Editor	Bug Fix	Cannot display other items after filtering in Japanese
Data Cards	Bug Fix	There is a flicker when the datacards are displayed in a XamDataCards that displays many cards initially
Data Chart	Bug Fix	Tooltip in xbat app causes Win32Exception - cannot create top-level child window when hovering over slice



Data Chart	Bug Fix	<p>DateTimeAxis Labels are not rendered correctly, when DisplayType is set to Discrete</p> <p>Notes: Fixed an issue with incorrect positions of labels on CategoryDateTimeXAxis when display mode is set to discrete mode. Also, added a new property called AreLabelsUnevenlySpaced which is used to determine whether the CategoryDateTimeXAxis is using discrete mode and based on value of this property, chart control is calculating width of and clipping axis labels when they are colliding.</p>
Data Grid		<p>IndexOutOfRangeException is thrown selecting multiple records by clicking on a record selector and move the mouse outside the control at top.</p>
Data Grid	Bug Fix	<p>Groups are incorrect, when GroupByMode is Date and a second Field is grouped.</p> <p>Notes: Fixed an issue in data presenter where groups inside a group-by field using Date group-by evaluator type were formed incorrectly.</p>
Data Grid	Bug Fix	<p>The 'SelectedItemsChanged' event is not fired when the data source of the control is cleared</p>



Data Grid	New Functionality	Cannot bind XamFormulaEditor property to datasource in XamDataGrid  Notes: Added support for the XamFormulaEditor to be used without a Target set. This new functionality requires that the XamCalculationManager.CalculationManager attached property be set on the XamFormulaEditor.
Data Grid	Bug Fix	Incorrect coded UI test playback on XamDataGrid records
Data Grid	Bug Fix	Cell with TextWrapping set truncates data.  Notes: Fixed an issue with the XamDataPresenter and XamTextEditor where text values could get wrapped unnecessarily when using text wrapping.
Data Grid	Bug Fix	NullReferenceException in CalcManager with multiple field layouts
Data Grid	Bug Fix	Filtered records are selected.
Data Grid	Bug Fix	Style is not re-evaluated when the underlying data is changed using DataTable's LoadDataRow method
Data Grid	Bug Fix	DataValueInfoHistory does not call the INotifyPropertyChanged event  Notes: Fixed an issue where the ValueHistory for a CellValuePresenter was not being updated when the cell value changed as the result of a user-initiated edit of a cell value.
Data Grid	Bug Fix	Inconsistent click/selection behavior when using DefaultFieldLayoutOnly  Notes: Fixed a bug in the XamDataGrid GroupByArea that caused grouped fields to be ungrouped when they were simply clicked rather than clicked, dragged and dropped in the ungrouped fields area.



Data Grid	Bug Fix	<p>InvalidOperationException thrown when serializing</p> <p>Notes: Fixed exception when calling XamlWriter.Save to serialize a xamDataGrid</p>
Data Grid	Bug Fix	<p>Collapsed Fields made visible through Field chooser cause incorrect column span behavior</p> <p>Notes: Fixed an issue in data presenter where un hiding a field via field-chooser caused the field to be positioned without considering its explicit row/column/span settings.</p>
Data Grid	Bug Fix	<p>IndexOutOfRangeException Exception is thrown when dragging to select goes past address</p> <p>Notes: Added check for 'IndexOutOfRangeException' to prevent exception from being raised.</p>
Data Presenter	Bug Fix	<p>FieldLayout does not apply when clearing and adding fields</p> <p>Notes: Fixed an issue in data presenter that occurred when a field layout's fields collection is populated, then cleared and re-populated with another set of fields, then a field is dragged, then the field collection is cleared again and re-populated with original set of fields - this led to all the fields being hidden.</p>
Data Presenter	Improvement	<p>Border of group by area displays outside of the window when inside ScrollViewer and the AutoFit is set to true</p> <p>Notes: Added DropIndicatorClipBehavior to DataPresenterBase to clip the drop indicators within the window containing the data presenter, which is useful when the data presenter is within a scrollview with a dimension that's larger than the scroll viewer's view port.</p>



Data Presenter	Bug Fix	Reduce Opacity filter action does not have any effect on Data Cards and Carousel items.  Notes: Fixed an issue in XamDataPresenter CardView and CarouselView which was not honoring the ReduceOpacity setting of the FieldLayoutSettings.FilterAction property by reducing the opacity of the card and/or carousel item.
Data Presenter	Bug Fix	ArgumentException is thrown when setting the Field's ConverterParameter of a parent Field while the child record is activated.  Notes: Fixed code in the XamDataGrid that was throwing an ArgumentException when changing a Field's ConverterParameter property in an application with multiple FieldLayouts while the ActiveRecord was associated with a different FieldLayout than the field whose property was being changed.
Data Tree	Bug Fix	UIAutomation client doesn't recognize the xamDataTree control
Data Tree	Bug Fix	Add null checks to EnsureCurrentState for NodeLayout
Data Tree	Bug Fix	Memory Leak occurs when the datasource is refreshed
Data Tree	Bug Fix	Infinite loop occurs when tree is in multiple selection mode
Date Time	Improvement	When editing with ValueConstraint MaxExclusion, it is slow to accept input  Notes: Added logic to avoid handled exceptions in XamDateTimeEditor when value constraint min/max were specified.
Dock Manager	Bug Fix	RemotingException appears in Visual Studio 2012 designer when clicking on ContentPane, inside a DocumentContentHost
Dock Manager	Bug Fix	Floating pane maximizes incorrectly on offset monitor



Dock Manager	Bug Fix	Binding error is appearing in the output when using the IGMetro theme  Notes: Fixed some brushes (their color resources), and modified these styles: PaneHeaderPresenter.CloseButtonStyleKey, PaneHeaderPresenter.PositionMenuItemStyleKey, TabGroupPane.DocumentFilesMenuItemStyleKey and TabGroupPane.DocumentCloseButtonStyleKey.
Dock Manager	Bug Fix	An exception is thrown when closing the main window after dragging a content pane and build platform target is not "x86".
Dock Manager	Bug Fix	Floating panes are not properly sized when moving them using Windows + Right/left arrow keys.
Dock Manager	Bug Fix	Setting the ToolWindow's MinWidth clips the content.
Drag and Drop Framework	Bug Fix	DragPopup is not closed when the element is dropped.
Editors	Bug Fix	Ctrl+Left/Right arrows, Shift+Up/Down(Left/Right) keyboard combinations are not working correctly  Notes: Fixed an issue in XamMaskedEditor and derived editors regarding Ctrl + Left/Right and Ctrl + Shift + Left/Right key commands.
Excel	Bug Fix	PositioningMode Property doesn't work correctly  Notes: Fixed an issue with the Excel library where the PositioningMode of comments was not being honored when writing out to the Excel 2007 formats.
Excel	Bug Fix	Cannot display the format cells dialog box if the exported excel file contains formatted cell.  Notes: Fixed an issue with the Excel library where writing out black borders for a cell in the XLS format would cause the cell format dialog to not display for the cell in Microsoft Excel.





Excel	Bug Fix	<p>The number is rounded to a lower value when the Round formula is applied.</p> <p>Notes: Fixed an issue with the Excel library where using the ROUND function with a non-zero num_digits value could lead to the wrong value being calculated.</p>
Excel Exporting	Bug Fix	<p>The grouping of unbound fields breaks down during export to excel</p> <p>Notes: Changed the export/print handling such that the unbound data of UnboundFields are copied before the sort is performed.</p>
Excel Exporting	Bug Fix	<p>Size of the exported Excel Office 2003 file is not divisible by 512</p> <p>Notes: Fixed an issue in the Excel library where files written in the 97-2003 format did not have sizes aligned to 512 bytes.</p>
Excel Style Filtering	Bug Fix	<p>Excel style filtering menu items have too small font size when using the IGMetro theme</p>
Formula Editor	New Functionality	<p>Double slashes are shown on items in auto complete box list</p> <p>Notes: Added a FormulaEditorBase.ContextualHelpSettings property which currently contains one setting that allows the developer to control what kind of references are preferred in the auto-complete list: relative, absolute, or both.</p>
Grid	Bug Fix	<p>Key parameter error occurs</p>
Grid	Bug Fix	<p>AllowConditionalFormattingChanged DependencyPropertyChanged event causes ArgumentException</p>
Grid	Bug Fix	<p>GroupBy operation cannot be cancelled via the Escape key</p>
Grid	Bug Fix	<p>Wrong Row is selected when there is a scrollbar.</p>
Grid	Bug Fix	<p>Sorting an unbound column that has null values returned from its ValueConverter throws a NRE</p>



Grid	Bug Fix	Deleting a row using DeleteKeyAction in a grid with sorted UnboundColumn throws an exception
Grid	Bug Fix	Data is not displayed correctly when the xamGrid TextColumn is bound to a user-defined data type
Grid	Improvement	XamGrid RowSelector does not have SelectedState in Metro theme  Notes: Bug fix
Grid	Bug Fix	Grouped columns of a grid on the non-active tab disappear when the data is replaced.
Grid	Improvement	When a column has cells which contain underscores, the first underscore is missing in the items in the filter menu
Grid	Bug Fix	ArgumentException unhandled when resizing split pane with templatedColumn
Grid	Bug Fix	When auto-sized XamGrid is hosted within two inner managers and then unpinned, the application freezes
Grid	Bug Fix	Copied child rows are pasted as children to the first parent, when the rows are collapsed
Grid	Bug Fix	ColumnChooser button (in ColumnChooserPopup) doe not have a hover state in Metro theme
Grid	Bug Fix	An argument exception is thrown when using TemplateColumnLayout and the window width is reduced.
Grid	Bug Fix	Resizing the control makes the TextBlocks element in the ItemTemplate of its TemplateColumn disappear/appear randomly
Grid	Bug Fix	Calling ICollectionView's Refresh method, does not affect the control.
Grid	Bug Fix	Inconsistent horizotal scrolling behavior in XamGrid with hierarchical data and fixed columns left and right
Grid	Bug Fix	Touching a cell does not select row in grid
Grid	Bug Fix	Control in ScrollViewer generates an InvalidOperationException when expand parent row
Grid	Bug Fix	Sometimes the * (star) columns do not fill the available horizontal width when there are multiple * columns width different sizes



Masked Text	Bug Fix	ApplyMask thows null reference exception  Notes: Removed an unnecessary handled exception when using ParsedMask.ApplyMask functionality.
Masked Text	Bug Fix	Numbers Mask failing when set to: "{number:01-12} {number:00-99}"
Multi Column Combo	Bug Fix	Sometimes highlighting disappears during typing
Numeric	Bug Fix	Around a second is needed to enter edit mode when the Value is null and MinInclusive and MaxInclusive are set.  Notes: Fixed an issue in XamNumericEditor/XamMaskedEditor where using ValueConstraint MinInclusive/Exclusive caused a delay when entering edit mode in debug mode which was caused by an handled exception.
Outlook Bar	Bug Fix	Navigation Pane using the Office2010Blue theme doesn't size to content  Notes: Changed the width setter of the NavigationPaneOptionsControl to be "MinWidth", so the navigation pane window resizes according to its content.
PivotGrid	Bug Fix	Merged hierarchies display mixed results
Pivot Grid	Bug Fix	MemoryLeak: Pivot Instance is not cleaned if a measure is added in the grid



Pivot Grid	Bug Fix	After refreshing the DataSource the instances of clsSale increase to double  Notes: 1. The binding to DataSource properties was not cleared and this caused memory leak 2. PivotGrid theme is fixed as for x:Key="FieldItemTemplateKey" Mode=OneTime is added: <!-- FieldItemTemplateKey --> <DataTemplate x:Key="FieldItemTemplateKey"> <Border Background="Transparent"> <TextBlock Text="{Binding Caption, Mode=OneTime}" VerticalAlignment="Center"/> </Border> </DataTemplate>
Pivot Grid	Bug Fix	After collapsing row and column, the grid is unable to scroll to the last column
Pivot Grid	Bug Fix	FlatDataSource throws an exception when a node level with AllowNullDataLevelMember set to false is expanded
Pivot Grid	Bug Fix	Styled Cell does not keep its ContentTemplate
Pivot Grid	Bug Fix	Measure Groups are not translated when adding a XmlaQueryProperty for LocaleIdentifier in DiscoverProperties
Pivot Grid	Bug Fix	When the PercentOfTotalAggregator is used in pivot grid with flat data either the column doesn't show up at all or there is a blank column
Pivot Grid	Bug Fix	GroupingFlatDataSource.AllowRemainderTotalForColumns does not work correctly
Ribbon	Bug Fix	When applying the Office2k7Blue/Black/Silver themes at run time the caption of the MenuTool group is cut off.
Ribbon	Bug Fix	Ribbon window's title disappear when changing to the Win8 theme at runtime
Ribbon	Bug Fix	TitleBar buttons are black when using HighContrast theme



Row Summaries	Bug Fix	Summaries with CalculationSettings are not appearing when grouping is applied.  Notes: Fixed an issue in DataPresenterCalculationAdapter regarding summary formulas and group-by records.
Schedule	Bug Fix	No reminder appears for the first occurrence of a recurrent appointment.  Notes: Fixed an issue in XamSchedule where setting ReminderEnabled on a recurring activity after it has been created did not update the ReminderEnabled of the occurrences.
Slider	Bug Fix	Slider cannot be moved after three slider thumbs overlap
Tab Control	Bug Fix	XamDateTimeEditor's invalid value is lost on tab selection  Notes: Changed the XamTabControl such that it will try to focus the TabItem that the mouse is pressed down upon if the tab item is Focusable and let the TabItem change its IsSelected state when/if it receives keyboard focus.
Timeline	Bug Fix	Unhandled error "Layout Cycle Detected" occurs when many controls are added at once
Timeline	Bug Fix	EventDetails is not fully visible when it is shown at the most right position.  Notes: The arrangement of EventDetails control did not respect the boundary of the scene and was clipped from the scene.
Timeline	Bug Fix	KeyNotFoundException is thrown when replacing the collection bound to control
Calculation Manager	Bug Fix	Using IRR function does not return a null value when a negative value parameter is missing.  Notes: Fixed an issue with the Excel library and XamCalculationManager where the IRR function was not returning an error when given all positive or all negative values.
Calendar	Bug Fix	IsEnabled is not applying any style for xamCalendar



Grid	Bug Fix	XamGrid cached rows and weakPropertyChangedHandlers keeps accumulating
Multi Column Combo	Bug Fix	FilteringOnAllColumns does not work on columns with a complex key - i.e. "Address.Street"
Text	Bug Fix	Invoking 'ToUpper' method sets the caret position in the beginning of the control

Notes:  
Fixed an issue in XamTextEditor where changing the set value to another value in the setter of the source property of the binding to the editor's Text property caused the caret position to be reset to 0.