NetAdvantage[®] for WPF 12.1 – Service Release Notes – August 2012



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

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What's Changed

Components	Product Impact	Description
Common	Bug Fix	After applying the metro theme, DesignerProperties.GetIsInDesignMode method returns false
		Notes: Removed an override of the IsInDesignModeProperty for the XamDockManager that was somehow interfering with the default value of other classes.
Drag and Drop Framework	Bug Fix	Some rows are not droppable during drag operation when Drag and Drop is hosted in a WindowsFormHost
		Notes: Fixed an issue where Drop target wasn't able to be resolved properly when drag-drop operation is performed within WindowsFormHost which overlaps another WPF window and during the drag-drop operation the mouse capture is lost by the control that initially has captured the mouse.
Excel Engine	Bug Fix	Fill Color of TextBox object is lost in Excel 2003 file version





		Notes:
		Fixed an issue in the Excel library where a shape's fill color could be lost when loading it from an Excel 2003 file.
Excel Engine	Bug Fix	TextOrientation and Foreground of Textbox is lost when working with Excel 2007 files
		Notes:
		Fixed an issue with the Excel library where the loading shapes in an Excel 2007 or later file may
		cause the orientation and/or text color to be lost.
Excel Engine	Bug Fix	Line's information is lost in Excel 2003/2007 file versions
		Notes:
		Fixed an issue with the Excel library where the outline of some shapes was getting lost when loading from a file.
Excel Engine	Bug Fix	Arrow head is lost when working with Excel 2007 files
		Notes:
		Fixed an issue in the Excel library where the line end styles of connector shapes was being lost
		in the 2007 and later file formats when round-tripping.
Excel Engine	Bug Fix	Cells' widths are different from original in Excel 2007 file version
		Notes:
		Fixed an issue in the Excel library where column widths may not be round-tripped correctly
		and column width calculations may be incorrect on Japanese systems.
Excel Engine	Bug Fix	Excel Engine throws exception when platform dependent character is used for sheet name and the name is referenced in a formula (Excel 2007)
		Notes:
		Fixed an issue with the Excel library where certain characters in worksheet names referenced in formulas were not being recognized, causing a FormulaParseException.
Excel Engine	Bug Fix	Information of TextBox is not persisted when working with Excel 2007files





		Notes: Fixed an issue in the Excel library where certain colors used in shapes may be off slightly when a file is loaded. Also, prevented some shape text properties from being lost when loading and saving an Excel 2007 file.
Excel Engine	Bug Fix	Location of Grouped object and zoom level of sheets are not persisted when working with Excel 2007 files
		Notes: Fixed an issue with the Excel library where the current view's magnification level or grouped shapes' bounds could be lost when loading a file in the Excel 2007 format.
Excel Engine	Bug Fix	Certain row height and zoom level of sheets are not persisted when working with Excel 2003 files
		Notes: Fixed an issue with the Excel library where the worksheet magnification level may not be saved correctly in the Excel 2003 formats and default cell formats may be lost when loading and Excel 2003 file.
Excel Engine	Bug Fix	Information of contents in a group object is lost when working with Excel 2007 files
		Notes: Fixed an issue in the Excel library where a group shape and its children from an Excel 2007 or later file may be loaded with incorrect sizes if the group was resized after the first save of the workbook.
Excel Engine	Bug Fix	Information is not persisted when working with Excel 2003 files
Excel Engine	Bug Fix	Excel engine throws ArgumentException "The address specified is not a valid cell address", when loading an Excel spreadsheet
		Notes: Fixed an issue in the Excel library where an ArgumentException could be thrown when loading a file in the 2007 format for a workbook using the R1C1 cell reference mode which has data validation rules.





XamBulletGraph	Bug Fix	Background property of QuantitativeScale is ignored when set in XAML and the control is in the template CellValuePresenter.
XamCalculationManager	Improvement	IRR function is limited to an enumerable/range reference of cash flow values in XamCalculationManager
VeraColociation	Duc Fin	Notes: Modified IRR calculation function in XamCalculationManager to allow variable number of arguments for specifying cash flow values. Previously it required an enumerable reference (like a column reference) that provided all the cash flow values. Now, in addition to being able to specify an enumerable reference, one can specify any number of arguments that are the cash flow values. Only the function logic was modified and therefore there should be no impact on the functionality of the XamCalculationManager or other functions.
XamCalculationManager	Bug Fix	Value of the NamedReference cannot be set in the Blend's designer
XamCalendar	Bug Fix	Inconsistency between SelectedDates property and the displayed dates in a particular circumstance
XamCalendar	Bug Fix	Low performance when changing the theme from Metro to/from Default several times
XamChart	Bug Fix	3D Pie Chart does not center itself when resize form Notes:
XamColorPicker	Bug Fix	Fixed an issue where 3d charts would not be centered after resizing the chart control. XamColorPicker has incorrect behavior when HueSelector is moved to the bottom of the Hue area
XamColorPicker	Bug Fix	The tab doesn't work properly in the advanced color picker
XamColorPicker	Bug Fix	The AdvancedColorShadePicker is cut off, when the screen resolution is 1280x720.
XamColorPicker	Bug Fix	Lightness value is not updated correctly in XamColorPicker when the Lightness selector reaches the top border of the area
XamComboEditor	Bug Fix	XamComboEditor with AutoComplete enabled has its SelectedItem changed when focus is switched to another control
		Notes:





		Fixed an issue where XamComboEditor with AutoComplete enabled would have its
		SelectedItem changed when focus was switched to another control
XamComboEditor	Bug Fix	IsSynchronizedWithCurrentItem doesn't work when the Metro theme is applied
XamComboEditor	Bug Fix	Cannot add an item when there is an item with same letters and different uppercase and lowercase and CustomValueEnteredAction is set to Add
		Notes:
		Fixed an issue in XamComboEditor that prevented new items from being added to the data source when CustomValueEnteredAction was set to Add an item existed in the data source
		that matched based on a case insensitive filter. Filter was changed to be case sensitive.
XamComboEditor	Bug Fix	The value is not set correctly when AllowMultipleSelection is enabled and more than one value is entered.
		Notes:
		Fixed an issue with the existing selection being cleared when AllowMultipleSelection is true
		and a matching string is typed into the edit area and the Enter key is pressed.
XamComboEditor	Bug Fix	Incorrect placement of the caret when backspace key is pressed and AutoComplete and
		CustomValueEnteredAction is set to Allow or Add.
		Notes:
		Fixed an issue when using AutoComplete and a CustomValueEnteredAction of Allow or Add
		where backspacing in the control edit area repositioned the caret at the beginning of the edit
		area instead of at the end.
XamComboEditor	Bug Fix	Disabling ComboEditorItem does not make it non-focusable
		Notes:
		Fixed an issue that was allowing navigation to ComboEditorItems in the dropdown list that
		were marked disabled
XamComboEditor	Bug Fix	Exception is thrown when using ItemsSource that implements IDictionary <t,k> but doesn't</t,k>
		implement IDictionary
XamComboEditor	Bug Fix	ValueChanged event is raised twice when selecting an item in the drop-down and then





		modifying the text in the edit portion
		Notes: Fixed an issue with selecting an item in the drop-down and then modifying the text in the edit portion caused ValueChanged event to be raised twice: first time the value was nulled out and the second time it was restored to what it should be. After this fix, the value is changed only once to what it should be.
XamDataChart	Bug Fix	MinimumValue and MaximumValue of NumericYAxis don't work when they are set and then the axis is re-added to the Axes collection
		Notes: Fixed an issue where an axis' range could become locked.
XamDataChart	Bug Fix	System.NotSupportedException is thrown while using the LogicalTreeHelper.FindLogicalNode method on XamDataChart
XamDataChart	Improvement	DataChart does not render last axis label on Date Time Axis
		Notes: Fixed an issue and now DateTimeAxis will attempt to display a last label only if you set the interval to an even divisor. The issue is fixed from 11.2 version onwards.
XamDataChart	Bug Fix	OverflowException is thrown when using large numbers in XamDataChart
XamDataChart	Bug Fix	Copy Paste showing dark area on right of DataChart Notes: Fixed an issue where XamZoombar controls caused XamDataChart to display oddly in a visual brush.
XamDataGrid	Bug Fix	XamDataGrid hangs on filtering in/out new rows
XamDataGrid	Bug Fix	Record is not shown after re-binding.
XamDataGrid	Bug Fix	RecordFilterChanged event is raised twice, when you clear filter from Field's Clear Button
XamDataGrid	Bug Fix	Filter items are not sorted when using large data
XamDataGrid	Bug Fix	The application freezes when two children rows from different parents are selected.





XamDataGrid	Bug Fix	XamDataGrid custom CellValuePresenter Cell Recycle failure
XamDataGrid	Bug Fix	A Trigger in DataPresenterAero.CellValuePresenter disturbs Cell Border's Visual on Windows 7 (Aero) theme
		Notes:
		Changed negative margin value from -1 to 0 in CellValuePresenter IsRecordSelected Trigger property.
XamDataGrid	Bug Fix	When adding a Custom FilterDropDownItem that uses a custom ICondition, incorrect tooltip is displayed after the filter is applied
XamDataGrid	Bug Fix	Row height gets bigger when checkbox field is visible
XamDataGrid	Bug Fix	ArgumentException is thrown when updates are done on background thread and NotifyPropertyChange of a different property is called in a setter of another.
XamDataGrid	Bug Fix	Index outside the bounds of the array exception occurs when clearing and re-initializing fields
XamDataPresenter	Bug Fix	XamDataPresenter styles have issues in Expression Blend
XamDataPresenter	Bug Fix	Paging stops working for group by records
XamDataPresenter	Bug Fix	FieldChooser button has no hover/ pressed styles in Metro theme
XamDataPresenter	Bug Fix	Summary Ok and Cancel icons are too small in Metro theme
XamDataPresenter	Bug Fix	FilterRecord card's scroll thumb melts into the background when the control is pressed and Metro theme is applied
XamDataPresenter	Bug Fix	Field moving breaks when grid scrolls horizontally and Label Click Action is SelectField
		Notes: Fixed an issue with Data Presenter where using LabelClickAction of SelectField and selection mode of ExtendedAutoDrag caused the field dragging to not work.
XamDataPresenter	Improvement	Top and Bottom filters don't work on custom objects.
		Notes: Improved data presenter's filtering functionality of Top and Bottom operators to support any data type that can be sorted instead of just the double and date-time as previously supported. Top and Bottom operands logic was modified for this improvement and therefore no other





		functionality of the data presenter, including other filtering operands should be affected.
XamDataTree	Bug Fix	When dragging node and scrolling with mouse wheel, the drop indicator goes out of view and then comes to unexpected position
XamDataTree	Bug Fix	Thumb's height does not correspond to the ratio of the visible nodes according to the whole items
XamDataTree	Bug Fix	When clicking over NodeLines, the node is selected until releasing the left mouse button up
XamDataTree	Bug Fix	Low performance upon resizing when XamDataTree is placed in a Grid Column with Auto width
XamDataTree	Bug Fix	Context menu is appearing when a node is added to XamDataTree via XamContextMenu and InputBindings
XamDataTree	Bug Fix	Exception is thrown when using Drag and Drop on DataTree bound to read-only list
XamDataTree	Bug Fix	Drag and Drop is not allowed when using EntityCollection
		Notes: Drag & drop of nodes may require index-based based operations which are not supported by EntityCollection. You can hook up to NodeDragDrop event to handle this case: private void XamDataTreeMain_NodeDragDrop(object sender, Infragistics.Controls.Menus.TreeDropEventArgs e) { if (e.DropDestination == TreeDropDestination.DropBefore e.DropDestination == TreeDropDestination.DropAfter) { // Handle manually e.Handled = true; }
XamDateTimeInput	Bug Fix	Setting a bound property after the control is loaded makes the dropdown menu slide the first time it is opened
XamDateTimeInput	Bug Fix	XamDateTimeInput styles have issues in Expression Blend





		automatically resized
		Notes: Changed the TabItemPanel's routine used to reduce the size of the tabs such that we always process more items as we had previously if we're starting with the same tab we started with on the previous iteration.
XamDockManager	Bug Fix	Pressing Ctrl + Tab throws Invalid Operation Exception
		Notes: Updated the PaneNavigatorItemsPanel to account for being measured with an infinite height.
XamDockManager	Bug Fix	The content of the ContentPane disappears when docked and the name is set.
		Notes: Changed the DocumentContentHost to remove the SplitPane from the logical tree before removing it from the visual tree while loading a layout to work around a bug in WPF where the IsLoaded property becomes corrupted when a descendant element has hooked the Unloaded event.
XamDockManager	Bug Fix	Error is thrown when running application under user with restricted permissions Notes:
		Updated the logic that loads a custom cursor from an embedded resource to catch additional exceptions that the WPF framework might through such as IOException and UnauthorizedAccessException.
XamDV\OrgChart	Bug Fix	Changing DataSource in NodeMouseDoubleClick event throws NullReference exception
XamEditors	Bug Fix	Editors styles have issues in Expression Blend
XamEditors	Bug Fix	Generating event handlers for Editors using VS 2012 property grid throws an exception
XamFormulaEditor	Bug Fix	Selecting cell value as operand using the formula dialog is not working when target is not field or summary
		Notes: Fixed an issue where the XamFormulaEditor would place an index at the wrong position when





		inserting a DataPresenter's field reference into an external formula in a place where a single value was expected.
XamGantt	Bug Fix	Milestone and Summary Tasks samples are not showing the Milestone column in Grid portion of the control.
XamGantt	Bug Fix	Deadline sample are not showing the Deadline column in Grid portion of the control.
XamGantt	Bug Fix	Manual/Automatic Schedule Tasks data source does not have any manual tasks
XamGantt	Bug Fix	Scroll to task is not working when task is located near the end of the project
XamGantt	Bug Fix	Dragging the splitter to the right edge of the control is causing the timescale to be rendered outside of the control
XamGantt	Bug Fix	Deleting all tasks does not reset the chart alternating rows
XamGrid	Bug Fix	XamGrid is not properly updated after calling InvalidateData method
XamGrid	Bug Fix	CellControlAttached event is not raised for every cell when having SparklineColumn
XamGrid	Bug Fix	When dragging a column header, with applied office 2010 blue theme, it has very dark background
XamGrid	Bug Fix	Removing item from sorted XamGrid causes NullReferenceException
XamGrid	Bug Fix	Switching GroupByRow to MergedCells causes NullReferenceException in XamGrid
XamGrid	Bug Fix	When a filter menu is shown for the first time the scollbar looks wrong with IGTheme, Office2010Blue, or Metro theme applied
XamGrid	Bug Fix	The DataContext of the content of the DataTemplate provided to TemplateColumn is overwritten
XamGrid	Bug Fix	Operator symbols in Filter row are not being washed
XamGrid	Bug Fix	Width of columns is not changed properly when GroupByOperation is set to "MergeCells" and ColumnWidth is set to "Auto"
XamGrid	Bug Fix	Unexpected behavior occurs when using Column moving feature with GroupColumns
XamGrid	Bug Fix	Horizontal scrollbar doesn't disappears when expanding the window to show the whole content in XamGrid
XamGrid	Improvement	Low performance when clearing the applied filters on child band.
XamGrid	Bug Fix	NullReferenceException is thrown when re-adding a TemplateColumnLayout in the Columns collection of XamGrid and selecting a cell.





XamGrid	Bug Fix	Selecting a Cell from GroupColumn triggers ScrollCellIntoView
XamGrid	Bug Fix	Cells cannot enter edit mode once record with data error is removed
XamGrid	Bug Fix	Touching fixed indicators for IG theme remain hovered although nothing is over them
XamGrid	Bug Fix	SummaryMenu line under checkboxes is not well positioned and goes under the text of textboxes
XamGrid	Bug Fix	XamGrid throws StackOverflowException when filtering through FilterMenu and having large ItemsSource
XamGrid	Bug Fix	Header is displaced when "Handedness" property is set to Right-Handed and starting a drag operation on column headers
XamInputs	Bug Fix	Shift+Tab doesn't work move focus to previous element
XamInputs	Improvement	CommandSource TargetName doesn't work for XamMaskedInput
		Notes: Fixed an issue where he XamMaskedInput was not registered with the CommandSourceManager and now one can use TargetName on the MaskedInputCommandSource to target a XamMaskedInput instance by identifying it by its name.
XamInputs	Bug Fix	Control doesn't allow selection through the drop down calendar when using effects
XamMaskedInput	Bug Fix	DisplayCharacterPresenter doesn't auto size its Content
XamMaskedInput	Bug Fix	XamMenu items are not disabled when using XamMaskedInput commands Notes: Fixed an issue where XamMaskedInput control's commands did not disable source elements based on whether they could be currently executed or not.
XamMaskedInput	Bug Fix	XamMaskedInput throws an exception on AutomationElement.SetFocus method
XamMenu	Bug Fix	Two items are highlighted when using keyboard to navigate between XamMenu Items with IG Theme applied
XamNumericInput	Bug Fix	The last decimal digit does not appear when Mask property is set. Notes:





		Fixed an issue in XamMaskedInput/XamNumericInput/XamCurrencyInput controls where the last digit did not show up when commas were shown in numeric value and a mask with 3 or more decimal places in fraction part was used.
XamNumericInput	Bug Fix	Navigating through the value with left arrow key is not working when Mask is set and the cursor is at the most right position
XamNumericInput	Bug Fix	Deleting value with delete key is not working when Mask is set and the cursor is at the most right position.
XamNumericInput	Improvement	Down spin buttons is not working when Value property has no value
		Notes: Fixed an issue in XamMaskedInput and XamMaskedEditor controls and derived editors where spin down operation is now allowed when the contents of the editor is empty.
XamPieChart	Bug Fix	Tooltip displays "Others" when the TextBlock in the Tooltip is bound to PercentageValue in XamPieChart Notes: Added custom defined ToolTips for "Others" slice
XamPivotGrid	Bug Fix	XamPivotGrid throws an exception when load excel file with empty column Notes: Fixed an issue when loading an Excel's file with an empty column caused an exception: System.Collections.Generic.KeyNotFoundException with mssage:The given key was not present in the dictionary.
XamPivotGrid	Improvement	Expanding dimensions form type Time throws an exception on the month hierarchy Notes: There was one new property added to LevelSortDirection class: LevelSortBehavior LevelSortDirection.SortBehavior This property allows sort behavior for a level to be explicitly specified, whereas DataSourceBase.PreserveMembersOrder sets how level sorting behaves globally.
XamPivotGrid	Bug Fix	Reloading members distorts filter tree hierarchy in XamPivotGrid





XamPivotGrid	Bug Fix	XamPivotGrid cannot expand the row hierarchy if nullable type contains null
XamPivotGrid	Bug Fix	Expansion indicator is not shown in XamPivotGrid when "Measures" item is included in tuple
XamPivotGrid	Bug Fix	Filter items and row label headers become unaligned after expanding and collapsing Column Header Group By Cell
XamPivotGrid	Bug Fix	Decimal in member name causes expansion failure of cells in XamPivotGrid
		Notes: Fixed an issue when period sign (.) in member name caused a failure to expand a cell with such member.
XamPivotGrid	Bug Fix	Root member of XamPivotGrid is cut on expand when using Compact Layout
XamPivotGrid	Bug Fix	FlatDataSource displays incorrect totals in XamPivotGrid for dynamically generated objects
		Notes: Fixed critical issue about aggregation of the result when Columns had more than one measure added (no other hierarchies) and Rows had more than one hierarchy.
XamRibbon	Bug Fix	RibbonSceneCaptionArea has dark blue background color on XP Machines
		Notes: Added a new multi trigger in the RibbonTabControlStyleKey in order to change the RibbonTabControlHeader's background when inactive. Also, included in the theme file the Caption Buttons' styles (XamRibbonCaptionButton_Left, XamRibbonCaptionButton_Middle, XamRibbonCaptionButton_Right) and restyled them to match Office 2010 Blue. Now, the CaptionButtonAreaTemplate control template is linked to the buttons to the new styles created for them.
XamRibbon	Bug Fix	Gallery Tool does not display multiple rows of items in Preview
		Notes: Changed the GalleryPreviewScroller such that it would be stretched vertically and adjust the contained GalleryWrapPanel to contain and display as many items as can fit completely.





		Notes:
		Changed the XamRibbonWindow control's handling of certain window messages when running
		on a system using the classic theme.
XamSchedule	Bug Fix	Save and Close button are disabled unless traditional field is modified
		Notes:
		Fixed an issue in XamSchedule where if you derive from Appointment and extend it with
		custom properties which are then mapped via metadata mappings, the associated data is not
		brought into the Appointment's Metadata collection. Changes in the code affects metadata
		related logic.
XamSchedule	Bug Fix	Metadata property values are not available in the appointment dialog unless they are explicitly accessed first.
		Notes:
		Resolved an issue in XamSchedule regarding Activity's Metadata where bindings to metadata
		entries in activity dialog did not show up initially. The fix should have minimal impact.
XamSchedule	Bug Fix	(Un)Selecting categories using the Space bar does not toggle CheckBoxes' states.
		Notes:
		Fixed an issue in the Activity Category dialog where the checkboxes within each category list
		item were not updating their visual state when their state was toggled via the space bar
XamSegmentedDisplay	Bug Fix	XamSegmentedDisplay is not colored in Blend 4
XamSpellChecker	Bug Fix	XamSpellChecker is not colored in Blend 4
XamTabControl	Bug Fix	Content of Tab does not auto fit when using IG Theme
		Notes:
		Changed the vertical and horizontal content alignment to Stretch in the TabItemEx Style
XamTileManager	Bug Fix	XamTileManager scrolls a selected item off the screen when click on a partially displayed list
Aanninemandger	DUGTIK	view item in a tile
XamTileManager	Bug Fix	XamTileManager does not scrolled into a tile when horizontal and vertical scrolling are enabled
	200.0	and user clicks inside list view content of the tile





XamTileManager	Bug Fix	XAML Parse Exception is thrown in designer theme merged in application resources
		Notes: Added explicit 'Path=' in Binding when mapping to a control's property in Office2010Blue theme for XamTileManager. This works around a bug in the framework that erroneously throws an exception at design time. The fix is very low risk. The old binding: {Binding (igPrim:TileAreaSplitter.Orientation), Converter={StaticResource VerticalToVisibilityConverter}, RelativeSource={RelativeSource TemplatedParent}} is now: {Binding Path=(igPrim:TileAreaSplitter.Orientation), Converter={StaticResource VerticalToVisibilityConverter}, RelativeSource={RelativeSource TemplatedParent}}
XamTileManager	Bug Fix	Closing last minimized tiles does not bring into view the other minimized tiles
XamTileManager	Bug Fix	Horizontal scrollbar doesn't work in Normal mode when Metro theme is applied

