

NetAdvantage[®] for WPF Line of Business 11.2 – Service Release Notes – October 2012



Create electrifying user experiences with next generation WPF controls that deliver the high performance and rich line-of-business features.



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What's Changed

Components	Product Impact	Description
Common	Bug Fix	The grouping summaries are not localized and they appear in English.
Common	Bug Fix	All controls are missing default themes for Windows 8 OS
Common	Bug Fix	CollectionBaseEnumerator<T> doesn't work correctly
Persistence Framework	Bug Fix	FileLoadException is thrown when loading settings saved with different build version of Persistence Framework
Reporting Framework	Bug Fix	There is extra space when printing reports with grouped records
XamCalculationManager	Bug Fix	HEX functions in Excel library accept incorrect parameters Notes: Fixed an issue with the number system conversion functions (such as HEX2BIN) in the Excel library where "0" was returned if the input value is outside the valid range. Now they correctly return a #NUM! error.
XamCalculationManager	Bug Fix	The Convert function is not working correctly for some units Notes:



		Fixed an issue in the Excel library where some of the values returned by the CONVERT function were slightly off.
XamCalculationManager	Bug Fix	Excel functions for calculating day values return #NUM! errors instead of zero for null values Notes: Fixed an issue in the Excel library where the SECOND, MINUTE, HOUR, DAY, MONTH, and YEAR functions would return #NUM! errors when given an argument with a null or zero value.
XamCalculationManager	Bug Fix	Calculation Manager is not working for GroupBy records at run-time
XamCalculationManager	Bug Fix	Calculation Manager does not update value in target after sorting a group by record items
XamCalculationManager	Bug Fix	Calculation Manager is not working for child layout
XamCalculationManager	Bug Fix	Field is not recalculated when field in calculation is updated on background thread Notes: Fixed an issue where field formulas did not get recalculated when a data item's property was changed and empty string property changed notification was sent.
XamCalculationManager	Bug Fix	InvalidOperationException is thrown when a Field is removed and CalculationAdapter property is set.
XamComboEditor	Bug Fix	Drop down is not closed when XamComboEditor is hosted in ElementHost and the control lost the focus
XamComboEditor	Bug Fix	Filtering doesn't work if IsEditable property is set to False and you use the NumPad Notes: Fixed an issue which prevented the control from recognizing NumPad0 thru NumPad9 keys for filtering, when IsEditable property was set to False
XamComboEditor	Bug Fix	The 'SelectedItem' is not set when the control uses custom filtering in DataTemplate on starting the application Notes: Fixed an issue which prevented the SelectedItem of the control from being set prior to the loading of the control (e.g. in XAML) when a CustomItemsFilter was also being set prior to the loading of the control (e.g. in XAML)



XamComboEditor	Bug Fix	Dropdown in XamComboEditor doesn't prevent outside scrolling Notes: Fixed an issue that allowed MouseWheel messages to be processed by other controls in the window when the combo's dropdown was open.
XamComboEditor	Bug Fix	SelectedItem is null when lost focus while typing and CustomItemsFilter is used Notes: Fixed an issue that prevented selection of the currently focused dropdown item, when the control lost focus with the dropdown open.
XamComboEditor	Bug Fix	Unhandled exception is thrown when entering Korean characters with AutoComplete property set to true
XamComboEditors	Bug Fix	NullReferenceException occurs when filtering datasource that contains property with null value
XamComboEditors	Bug Fix	Access key is invoked without pressing alt key, when filtering the items and IsEditable property is set to true Notes: Fixed an issue in which allowed keystrokes that are unhandled by read-only (e.g. IsEditable set to false) XamComboEditor and XamMultiColumnComboEditor controls to be processed as Access Keys by other controls on the form without Alt key being pressed.
XamComboEditors	Bug Fix	Filtering is not working with Swedish characters when IsEditable property is set to false
XamComboEditors	Bug Fix	IME settings are not working properly with shared control
XamContextMenu	Improvement	Inconsistent behavior for placement of ContextMenu between WPF and SL Notes: Improved positioning logic of the xamMenu for RightToLeft and Right-handed Tablet PC Settings
XamContextMenu	Bug Fix	User interaction breaks when xamNumericSlider is hosted as a menu item in xamContextMenu
XamContextMenu	Bug Fix	NullReferenceException is thrown when Esc key is pressed in context menu



XamDataGrid	Bug Fix	Unbound column is not refreshed when row is updated and when using row-level update
XamDataGrid	Improvement	Key navigation behaves inconsistently depending on which element of XamDataGrid is in focus Notes: Added AcceptsArrowKeysInEditMode nullable bool property to ValueEditor to let an editor host (e.g. a xamDataGrid) know whether or not an editor uses the arrow keys while in edit mode. The resolved value defaults to true for all editors except the XamCheckEditor. This allows the XamDataGrid to use the arrow keys for cell to cell navigation while a XamCheckEditor is in edit mode. Now the property allows this default behavior to be overridden.
XamDataGrid	Bug Fix	OK button on the filter popup does not close the popup if the XamDataGrid is inside two layers of XamDockManager. Notes: Changed the RecordFilterTreeControl to explicitly focus the FocusedElement of the containing focus scope instead of just calling Focus(null).
XamDataGrid	Bug Fix	Checkbox in a cell and a header with Japanese text flicker on horizontal scroll Notes: Changed logic in the GridViewPanels to round the scrolling offset to the nearest pixel to avoid sub-pixel shifting for certain cells, e.g. checkboxes in cells. This avoids a shaking effect on the check editors during horizontal scrolling when there are fixed fields present.
XamDataGrid	Bug Fix	Memory leak occurs when grouping is cleared in XamDataGrid
XamDataGrid	Bug Fix	Checking items of the FilterMenu of Excel Filtering, does not make them appear as checked on Windows XP with Classic theme applied Notes: Changed the default template for the RecordFilterTreeItem such that the Background of the CheckBox is bound to the Background of the containing TreeViewItem as it does with the Foreground.
XamDataGrid	Bug Fix	Security exception is thrown when displaying a custom filter dialog in XBAP application



		<p>Notes: Added an additional permission demand before creating a helper class that overrides the popup positioning handling.</p>
XamDataGrid	Bug Fix	<p>Cells are not selected over FixedFieldSplitter in xamDataGrid</p> <p>Notes: Changed the logic that finds the nearest compatible RecordPresenter to utilize the GetRecordsInView to better deal with fixed records.</p>
XamDataGrid	Bug Fix	<p>Cannot resize fields after maximizing a fixed field width by mouse dragging</p>
XamDataGrid	Bug Fix	<p>Two Records are scrolled, when a partially visible Record from the bottom which is not the last one, is double clicked.</p> <p>Notes: Added delay in selection strategy logic to prevent scrolling a data record into view after a mouse down until after the system double click time or movement thresholds have been met.</p>
XamDataGrid	Bug Fix	<p>Cannot select a record from another tab when the record is in view</p>
XamDataGrid	Bug Fix	<p>Remove Condition and Toggle buttons of the Custom Filter Selection dialog don't work when editing the Operator or Operand columns.</p> <p>Notes: Modified the DataGrid's Custom Filter Selection Dialog to enable the Toggle and Remove buttons even when the Condition field is in edit mode on the current active/selected condition.</p>
XamDataGrid	Bug Fix	<p>Field in the child band is not copied unless a cell in the band is clicked</p> <p>Notes: Changed the DataPresenter copy/paste handling such that it will raise a ClipboardError notification when there are selected fields and the RecordManager associated with the ActiveRecord (or the root RecordManager if the ActiveRecord is null) does not utilize the FieldLayout for which the fields have been selected.</p>
XamDataGrid	Bug Fix	<p>Fields appear with default width and then stretch when Width of the FieldSettings is set to</p>



		Auto.
		Notes: Changed the VirtualizingDataRecordCellPanel so that it synchronously invalidates its measure when the calculated width of a column in the associated fieldlayout is changed during an autosize operation.
XamDataGrid	Bug Fix	Cell on the first record is missing in the selection of XamDataGrid
XamDataGrid	Bug Fix	Keyboard focus remains when user scrolls or loses focus from editing cell with XamCheckEditor
XamDataGrid	Bug Fix	Cells are not highlighted unless end user enters in edit mode
		Notes: Fixed an issue in data presenter where the error information was not displayed in the cell whose underlying IDataErrorInfo error state was changed without changing the value.
XamDataPresenter	Bug Fix	Clicking the group-by area button doesn't change the Group Direction when GroupByAreaMode property is set to DefaultFieldLayoutOnly
XamDataPresenter	Bug Fix	IndexOutOfRangeException is thrown when Fields collection is cleared and a filter cell is in edit mode.
XamDataPresenter	Improvement	Unnecessary calls to OnTimerTick causes performance hit in application
XamDataPresenter	Bug Fix	Cannot determine record type when overriding GetContainerForRecordPresenter method
		Notes: Added a record parameter to the ViewBase's GetContainerForRecordPresenter virtual method so that the record type can be determined in custom views
XamDataPresenter	Bug Fix	DataPresenter retains group by state when switching data source to a field layout that doesn't have any group by
XamDataPresenter	Bug Fix	ExportAsync method doesn't release its allocated memory
		Notes: Fixed an issue with the data presenter where exporting to word or excel caused a memory leak.



XamDataPresenter	Bug Fix	Custom Filter gets cleared when the Custom dialog has been closed and the right or down arrow key is pressed
XamDataTree	Bug Fix	PropertyChagned event is not raised for the ActiceNode property
XamDataTree	Bug Fix	ArgumentException occurs when opening a Unpinned ContentPane with grid, with RowDefinition Height set to Auto and XamDataTree is added to that grid
XamDateTimeEditor	Bug Fix	xamDateTimeEditor displays validation error message box twice
XamDialogWindow	Bug Fix	Modal dialog does not prevent focus of controls that are outside of the DialogWindow via access keys Notes: Changed the DialogWindow in WPF to handle the AccessKeyPressed for elements within the same container but not within the XamDialogWindow.
XamDialogWindow	Bug Fix	DialogWindow opens with wrong width and height after maximizing, changing content, and re-opening Notes: Changed the XamDialogWindow to store the Width and Height when maximizing or minimizing rather than the ActualWidth and ActualHeight
XamDockManager	Bug Fix	ToolWindow activation hook is not being removed in some scenarios
XamEditors	Bug Fix	Mask does not apply correctly for some cultures when inside a XamDataGrid Notes: Fixed an issue with masked editor/input where IP address mask did not work in cultures where ',' is a comma separator.
XamEditors	Bug Fix	Japanese text disappears after losing focus and using JP IME Notes: Fixed an issue in XamMaskedEditor that occurred when pasting text using Ctrl+V when IME is enabled. The pasted text was lost when focus left the control.
XamGrid	Bug Fix	Memory leak occurs when using conditional formatting and then removing XamGrid from the visual tree without setting the ItemsSource to null



XamGrid	Bug Fix	FilterMenu does not work properly when filters are applied on multiple fields
XamGrid	Bug Fix	CellClick event of fixed columns in a group column is not raised when scrolling horizontally
XamGrid	Bug Fix	InvalidOperationException is thrown when using column moving with column moving indicator
XamGrid	Bug Fix	NullReferenceException occurs when ItemsSource is set to null and the XamGrid gets the focus
XamGrid	Bug Fix	Pressing Escape key does not cancel row adding when cell validation error is triggered using IDataErrorInfo
XamGrid	Bug Fix	NullReferenceException occurs when calling ExitEditMode in Cell/RowExitingEditMode
XamGrid	Bug Fix	Clicking on the dropdown does not open selection after first attempt
XamGrid	Bug Fix	XamGrid row enters edit mode when AllowEditing is set to Hover and RowHover is set to Cell
XamGrid	Bug Fix	Cannot shift the focus away from a cell that was forced to stay in edit mode
XamGrid	Bug Fix	Memory usage increases as data is bound to XamGrid
XamGrid	Bug Fix	FocusEditor method of ColumnContentProvider is not called when clicking into a cell of TextColumn
XamGrid	Bug Fix	Cells have are rendered incorrectly hen using Hover edit mode and ComboBoxColumn Notes: Fixed an issue that occurred when clicking on a row after the drop-down of the ComboEditor was opened.
XamGrid	Bug Fix	XamGrid selection is cleared after performing group and then un-goup operation
XamGrid	Bug Fix	Pressing Tab key on the last cell in edit mode skips the focus
XamGrid	Bug Fix	Sort indicators of the header cells are not validated when clearing the grouping using the Clear method of GroupBySettings.GroupByColumns collection
XamGrid	Bug Fix	Resizing of the window causes some of the data in GroupColumn to disappear
XamGrid	Bug Fix	Cell value is not updated in the XamGrid when an item is selected from combo editor with auto complete set to true
XamGrid	Bug Fix	Pressing Shift-Tab key combination adds cells to the selection in the xamGrid
XamGrid	Bug Fix	CheckBoxColumn cells does not lose the focus when XamGrid is editable and selecting other control



XamGrid	Bug Fix	Thumb of horizontal Scrollbar flickers when dragged and there is not data in the ItemsSource of XamGrid
XamGrid	Bug Fix	Ellipsis are shown when using TextTrimming for the TextBlock and double clicking the column header to resize to its content
XamGrid	Bug Fix	NullReferenceException is thrown when columns is moved and there is grouping and conditional formatting applied
XamGrid	Bug Fix	Summaries are not shown in XamGrid when new SummaryOperandCollection instance is created
XamGrid	Bug Fix	InvalidOperationException is thrown when ItemsSource is cleared and reloaded, while a TextColumn containing DateTime is sorted
XamGrid	Bug Fix	InvalidOperationException is thrown when clicking on filter icon in XamGrid
		Notes: Removed the Disabled visual state from MenuItemCheckMarkCheckBoxStyle
XamGrid	Bug Fix	ColumnLayout rows are underlined with warning for empty key in VS2012 in XAML code
XamGrid	Bug Fix	Vertical scrollbar does not appear, when complicated template is used in a TemplateColumn and the control is placed in Expander.
XamGrid	Bug Fix	Cell value becomes null after editing TemplateColumn with a ContentControl bound to whole data.
XamGrid	Bug Fix	Summary calculations do not update when data is added, removed, or changed
XamGrid	Bug Fix	GroupBy Summaries doesn't work correctly on UnboundColumns when GroupByOperation is set to MergeCells
XamGrid	Bug Fix	Only values in the current page are shown in FilterMenu, when paging is applied and one of the columns is filtered
XamGrid	Bug Fix	StyleScope row with ConditionalFormatting does not affect ComboBoxColumn control's NonEditMode when EditorDisplayBehavior is EditMode
XamGrid	Bug Fix	Cells out of view are not fully brought into view when tabbing in a XamGrid with fixed columns
XamInputs	Bug Fix	SetFocus method of AutomationElement throws an exception for XamMaskedInput control
XamMonthCalendar	Bug Fix	The application accepts no inputs when the previous CalendarItemGroup becomes empty.



		<p>Notes: Changed the xamMonthCalendar to ignore groups without items when searching for a CalendarItemGroup for a given date.</p>
XamMultiColumnCombo	Bug Fix	SpecializedTextBox part does not have correct style when the IsEnabled property is set to false and IG theme is applied to XamMultiColumnCombo
XamMultiColumnCombo	Bug Fix	XamMultiColumnCombo control is slow to react to user input when AllowCustomValueEnteredAction property is set to Allow value
XamMultiColumnCombo	Bug Fix	Checking checkbox in re-templated RowSelectionCheckBoxHeaderCellControl freezes editor when bound to an empty collection
		<p>Notes: Fixed an issue which caused the control to freeze when checking a header checkbox in a control with no items in the dropdown</p>
XamMultiColumnCombo	Bug Fix	ArgumentNullException is thrown when XamMultiColumnComboEditor is bound to collection of Dictionaries and filtering is performed
		<p>Notes: Fixed ArgumentNullException that was thrown when the type of the property specified by DisplayMemberPath was an interface</p>
XamNumericEditor	Bug Fix	Incorrect behavior when copy and paste number include minus mark in middle of the number
		<p>Notes: Fixed an issue where masked editor and masked input processed '-' sign in the middle of digits being pasted when it should not have.</p>
XamRibbon	Bug Fix	InvalidOperationException occurs when changing the theme to "Office2k7Blue"
XamRibbon	Bug Fix	RibbonGroup's attached properties for the ButtonTool does not show in the VS properties window
		<p>Notes: Visual Studio does not honor the AttachedPropertyBrowsableWhenAttributePresent that we had on the RibbonGroup properties so this was changed to</p>



		AttachedPropertyBrowsableForChildren for the MinimumSize and MaximumSize of the RibbonGroup.
XamRibbon	Bug Fix	Tools does not have the DataContext of the control when ResourceWasher is used on xamRibbonWindow and a theme is also set on XamRibbon
XamRibbon	Bug Fix	There are differences in appearance of WPF3 and WPF4 versions of xamRibbon Notes: Changed the default templates for the ApplicationMenuPresenter such that the footer toolbar is hosted within a separate Grid that contains the Grid with the menu and recent items section instead of being contained within that Grid.
XamRibbon	Bug Fix	XamRibbonWindow displays black area next to first tab when Office2010Blue theme is applied Notes: Made a change to ensure the glass is extended into the tab area if the ribbon is initialized later.
XamSchedule	Bug Fix	Editing occurrence in schedule causes duplication of the appointment Notes: Fixed an issue with creation of variances of occurrences of a recurring activity and then modifying the recurrence rules of the activity or deleting the activity. In some cases the UI did not remove the variances, as it should when the root activity is either deleted or its recurrence rules are changed. The changes impact data structures that deal with management of occurrences and variances. UI related code is not impacted.
XamSchedule	Bug Fix	Schedule modal dialogs have minimize and maximize buttons visible and disabled in XBAP application Notes: Changed the ToolWindow class such that it coerces the Minimize and MaximizeButtonVisibility in the ShowDialog call as we were doing during the Show call.
XamSchedule	Bug Fix	Categorize option remains enabled after a resource is locked Notes:



		Fixed an issue which allowed activity categories to be modified in the Activity Dialog even when the owning resource of the activity was locked.
XamSchedule	Bug Fix	Reminder dialog show incorrect due in time when the reminder interval is set to 2 days Notes: Fixed an issue in the XamSchedule Reminder dialog which sometimes caused a 'Due In' duration of '2 days' to be displayed as '1 day'.
XamSchedule	Bug Fix	Schedule appointment with modified occurrence of deleted series is shown again after scrolling Notes: Fixed an issue with creation of variances of occurrences of a recurring activity and then modifying the recurrence rules of the activity or deleting the activity. In some cases the UI did not remove the variances, as it should when the root activity is either deleted or its recurrence rules are changed. The changes impact data structures that deal with management of occurrences and variances. UI related code is not impacted.
XamSchedule	Bug Fix	Schedule appointment with modified occurrence is not deleted after modifying the recurrence Notes: Fixed an issue with creation of variances of occurrences of a recurring activity and then modifying the recurrence rules of the activity or deleting the activity. In some cases the UI did not remove the variances, as it should when the root activity is either deleted or its recurrence rules are changed. The changes impact data structures that deal with management of occurrences and variances. UI related code is not impacted.
XamSchedule	Bug Fix	TypeInitializationException occurs when using xamSchedule in Visual Studio 2012 Notes: Refactored the code to eliminate ?: operator usages in a couple of classes because CLR4.5 introduced a known issue having to do with usage of ?: operator in a base() call from a constructor. This fix should have minimal side effects.
XamSlider	Bug Fix	InteractionMode "Push" and "Lock" is not working when having 3 or more thumb elements



XamSlider	Bug Fix	Thumbs of vertical xamSlider control are colored in hover mode when Metro and IG themes are applied
XamSlider	Bug Fix	XamSlider is missing hover state for the Thumb element when Metro or IG theme is applied
XamTabControl	Bug Fix	Error with "Recursive call to Automation Peer API is not valid" message occurs when there is a XamDataGrid as Content Notes: Changed the XamTabControl's AutomationPeer such that it does not call UpdateLayout in its GetChildren implementation.
XamTileManager	Bug Fix	Tiles cannot be resized when AllowTileSizing is changed from Synchronized to Individual Notes: Changed logic in XamTilemanage to ignore previously cached synchronized size after changing AllowTileSizing setting from 'Synchronized' to 'Individual'.
XamTileManager	Bug Fix	Tiles don't render correctly where there is a WindowsFormsHost with a WinForms Custom control in it. Notes: Changed logic to allow animations to work properly when a XamTile control's content includes an WindowsFormsHost. Based on the limitations of hwnd hosts we can't efficiently animate their size, e.g. when maximizing a tile, but we now animate their position smoothly and the content displays correctly.
XamTileManager	Bug Fix	Changing state of XamTile from Maximized to Normal state, does not update the IsMaximized property
XamTileManager	Bug Fix	NullReferenceException is thrown when loading from PersistenceManager