

NetAdvantage[®] for WPF 12.2 – Service Release Notes – October 2012



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[®] 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
BarcodeReader	Bug Fix	BarcodeReader cannot recognize printed and scanned documents Notes: Fixed issues regarding the QRCode recognitions and now barcode reader recognizes the different format of the images
Common	Bug Fix	Some controls' icons have black background instead of transparent or white in VS 2010 Toolbox
Common	Bug Fix	CollectionBaseEnumerator<T> doesn't work correctly
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	WPF CLR4 installer does not contain batch file for building the source code.
Persistence Framework	Bug Fix	FileLoadException is thrown when loading settings saved with different build version of Persistence Framework
Persistence Framework	Bug Fix	KeyNotFoundException is thrown when saving IsMinimized property using Persistence Framework



		<p>Notes: Changed the persistence framework such that skips serializing a property that references an object already encountered when the SavePersistenceOptions property is set to OnlySpecified and that property isn't one of the properties specified.</p>
Reporting Framework	Bug Fix	There is extra space when printing reports with grouped records
ToolWindow	Bug Fix	The ToolWindow does not support the Metro style
XamBarcode	Bug Fix	XamBarcode with Code128 symbology do not show error message when Cyrillic letters
XamBarcode	Bug Fix	XamBarcode with GS1 symbology generates the barcode instead of displaying error message for invalid value of the Data property.
XamCalculationManager	Bug Fix	<p>The Convert function is not working correctly for some units</p> <p>Notes: Fixed an issue in the Excel library where some of the values returned by the CONVERT function were slightly off.</p>
XamCalculationManager	Bug Fix	<p>HEX functions in Excel library accept incorrect parameters</p> <p>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.</p>
XamCalculationManager	Bug Fix	<p>Excel functions for calculating day values return #NUM! errors instead of zero for null values</p> <p>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.</p>
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



		<p>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.</p>
XamCalculationManager	Bug Fix	Calculation Manager cannot access inner group by record using Group name
XamCalculationManager	Bug Fix	InvalidOperationException is thrown when a Field is removed and CalculationAdapter property is set.
XamColorPicker	Bug Fix	Unexpected behavior when dragging XamColorPicker on a touch screen
XamComboEditor	Bug Fix	Drop down is not closed when XamComboEditor is hosted in ElementHost and the control lost the focus
XamComboEditor	Bug Fix	The Scrollbar in the Dropdown is not styled correctly when a Metro theme is applied
		<p>Notes: Applied scrollbars and ComboBoxItem styles to metro theme (they both existed). Created scrollbars and ComboBoxItem styles for Office2010Blue and IG Theme (improvement)</p>
XamComboEditor	Bug Fix	Unhandled exception is thrown when entering Korean characters with AutoComplete property set to true
XamComboEditor	Bug Fix	Dropdown in XamComboEditor doesn't prevent outside scrolling
		<p>Notes: Fixed an issue that allowed MouseWheel messages to be processed by other controls in the window when the combo's dropdown was open.</p>
XamComboEditor	Bug Fix	SelectedItem is null when lost focus while typing and CustomItemsFilter is used
		<p>Notes: Fixed an issue that prevented selection of the currently focused dropdown item, when the control lost focus with the dropdown open.</p>
XamComboEditor	Bug Fix	The 'SelectedItem' is not set when the control uses custom filtering in DataTemplate on starting the application
		<p>Notes:</p>



		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	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
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	NullReferenceException occurs when filtering datasource that contains property with null value
XamComboEditors	Bug Fix	IME settings are not working properly with shared control
XamContextMenu	Bug Fix	User interaction breaks when xamNumericSlider is hosted as a menu item in xamContextMenu
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	NullReferenceException is thrown when Esc key is pressed in context menu
XamCurrencyEditor	Bug Fix	Invalid mask is shown in XamCurrencyEditor
XamCurrencyEditor	Bug Fix	Value is displayed differently in edit mode
XamDataChart	Bug Fix	Clearing dynamically the Radial or Polar Axes and Series still retains chart preview in OPD unless size refreshed



XamDataChart	Bug Fix	<p>InvalidOperationException is thrown when tooltips are set from a Style</p> <p>Notes: WPF version of the XamDataChart will now let you set tooltips from a Style. There are still bugs in the SL runtime itself that prevent you from doing this sort of thing from Silverlight.</p>
XamDataChart	Improvement	<p>Changing MinimumValue and MaximumValue properties of CategoryDateTimeXAxis does not update the chart when there is no data bound to the series' ItemsSource</p> <p>Notes: The category date time x axis can no display labels even without an ItemsSource attached.</p>
XamDataChart	Bug Fix	<p>An error occurs when handling Indicator event in CustomIndicator of the xamDataChart</p> <p>Notes: Fixed an issue when using custom indicator could throw a null reference exception.</p>
XamDataChart	Bug Fix	<p>Crosshairs are not displayed when CrosshairVisibility is set to Visible in XAML</p>
XamDataGrid	Bug Fix	<p>Unbound column is not refreshed when row is updated and when using row-level update</p>
XamDataGrid	Bug Fix	<p>Down and Up arrow keys navigation focuses CheckBox only for the first time</p>
XamDataGrid	Improvement	<p>Key navigation behaves inconsistently depending on which element of XamDataGrid is in focus</p> <p>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.</p>
XamDataGrid	Bug Fix	<p>OK button on the filter popup does not close the popup if the XamDataGrid is inside two layers of XamDockManager.</p> <p>Notes: Changed the RecordFilterTreeControl to explicitly focus the FocusedElement of the containing</p>



		focus scope instead of just calling Focus(null).
XamDataGrid	Bug Fix	<p>Checkbox in a cell and a header with Japanese text flicker on horizontal scroll</p> <p>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.</p>
XamDataGrid	Bug Fix	Memory leak occurs when grouping is cleared in XamDataGrid
XamDataGrid	Bug Fix	<p>Checking items of the FilterMenu of Excel Filtering, does not make them appear as checked on Windows XP with Classic theme applied</p> <p>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.</p>
XamDataGrid	Breaking Change (API)	<p>IGroupByEvaluator causes incorrect sorting of neighboring Fields</p> <p>Notes: Prior to this service release the SortedFields collection (exposed off the FieldLayout object) allowed only one instance of a FieldSortDescription for a specific field to appear in the collection at a time. The change was to allow up to 2 instances of FieldSortDescription for a field to be in the collection at the same time (one with its IsGroupBy property set to true and another with its IsGroupBy property set to false). Note, as before, the instances with IsGroupBy set to true always appear in the collection before instances with IsGroupBy set to false. Changes in UI Behavior: When sorting without any grouping the behavior is the same as it was before. However, when grouping the behavior is changed as follows: Clicking on a LabelPresenter for a field performs a different action depending on where the LabelPresenter is located: 1. Inside the GroupByArea it will behave as it did before and toggle the sort order direction, ascending or descending, of the GroupByRecords as well as the DataRecords within each group. Note: DataRecords do not get sorted if there's a second FieldSortDescription for the same field as described below. 2. Outside the GroupByArea it will not affect the</p>

GroupByRecord's order. Instead it will add/toggle a second 'non-GroupBy' FieldSortDescription which will only affect the order of the DataRecords contained within each GroupByRecord. This allows the order of the DataRecords to be de-coupled from the order of the GroupByRecords. This is advantageous especially when each group can contain multiple values of the grouped by field. For example, let's say that the user grouped by a date field and that field uses the default GroupByEvaluator (i.e. the one that groups records like MS Outlook does – Today, Yesterday, Friday, Last Week etc.). By default the records would be sorted in either ascending or descending date order within each group. The user then decides to sort the DataRecords within each group by another field, e.g. 'Department' and then, by 'ctrl' clicking back on the date field, to sort the records by date within 'Department'. By allowing the 'Date' field to be in the SortedFields collection twice we enable this scenario. This also eliminates a jarring effect when the user clicked on the LabelPresenter of a grouped field (outside of the GroupBy area) and all the GroupByRecords were re-ordered. API changes: To support the new behavior overloads were added to the indexer, Contains and IndexOf methods on the FieldSortDescriptionCollection (exposed via the FieldLayout.SortedFields property) that take an additional Nullable<bool> 'isGroupBy' parameter that does the following: 1. If the 'isGroupBy' parameter is true – will ignore entries whose 'IsGroupBy' property is false. 2. If the 'isGroupBy' parameter is false – will ignore entries whose 'IsGroupBy' property is true. 3. If the 'isGroupBy' parameter is null – will deal with the first entry in the collection that it matches based on the field. Note: in the case where a field has 2 entries in the collection the one with its 'IsGroupBy' property set to true will always be first and therefore be the one that is processed. The old overloads to these methods that took a Field or a string (field name) argument only now have an obsolete attribute with a warning. However, they will still work. Their behavior is equivalent to calling the new overloads passing in 'null' for the new 'IsGroupBy' parameter. In addition, a SortStatusGroupBy read-only property has been added to the Field class. The LabelPresenter's SortStatus property now binds to this property instead of the existing Field.SortStatus property when the LabelPresenter is in the GroupBy area. Note: if a custom GroupByEvaluator is specified for a field the interface's SortComparer read-only property should return a comparer that is logically consistent with its DoesGroupContainRecord method implementation. In other words, the sort order logic should be consistent with the grouping logic and all DataRecords that end up in the same group should return zero from the comparer's Compare method when being compared with another DataRecord from the same group.



XamDataGrid	Bug Fix	Security exception is thrown when displaying a custom filter dialog in XBAP application Notes: Added an additional permission demand before creating a helper class that overrides the popup positioning handling.
XamDataGrid	Bug Fix	Two Records are scrolled, when a partially visible Record from the bottom which is not the last one, is double clicked. 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.
XamDataGrid	Bug Fix	Cells are not selected over FixedFieldSplitter in xamDataGrid Notes: Changed the logic that finds the nearest compatible RecordPresenter to utilize the GetRecordsInView to better deal with fixed records.
XamDataGrid	Bug Fix	Cannot resize fields after maximizing a fixed field width by mouse dragging
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	Remove Condition and Toggle buttons of the Custom Filter Selection dialog don't work when editing the Operator or Operand columns. 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.
XamDataGrid	Bug Fix	Field in the child band is not copied unless a cell in the band is clicked 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.
XamDataGrid	Bug Fix	Fields appear with default width and then stretch when Width of the FieldSettings is set to 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	Cannot select a record from another tab when the record is in view
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	Grouped fields cannot be sorted in the DataPresenter
XamDataPresenter	Bug Fix	Records are invisible when grouping filtered data.
XamDataPresenter	Bug Fix	IndexOutOfRangeException is thrown when Fields collection is cleared and a filter cell is in edit mode.
XamDataPresenter	Bug Fix	Records count in GroupedRecords is always zero
XamDataPresenter	Bug Fix	Changing the sorting type when there is a grouped field prevents field sorting
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	Summary is incorrectly calculated when using UseLinq mode for string fields
XamDataPresenter	Improvement	Unnecessary calls to OnTimerTick causes performance hit in application
XamDataPresenter	Bug Fix	ExportAsync method doesn't release its allocated memory



		<p>Notes: Fixed an issue with the data presenter where exporting to word or excel caused a memory leak.</p>
XamDataPresenter	Bug Fix	Custom Filter gets cleared when the Custom dialog has been closed and the right or down arrow key is pressed
XamDataPresenter	Bug Fix	DataPresenter retains group by state when switching data source to a field layout that doesn't have any group by
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
		<p>Notes: Changed the DialogWindow in WPF to handle the AccessKeyPressed for elements within the same container but not within the XamDialogWindow.</p>
XamDialogWindow	Bug Fix	DialogWindow opens with wrong width and height after maximizing, changing content, and re-opening
		<p>Notes: Changed the XamDialogWindow to store the Width and Height when maximizing or minimizing rather than the ActualWidth and ActualHeight</p>
XamDockManager	Bug Fix	Minimized pane is not properly restored to Maximized state of a secondary display
		<p>Notes: Changed the derived Window that hosts the ToolWindow such that it gets the monitor information based on the restore bounds while it is changing from minimized to maximized state if it was not minimized to the taskbar and was not using the OS non-client area.</p>
XamDockManager	Bug Fix	ToolWindow activation hook is not being removed in some scenarios



XamDockManager	Bug Fix	Minimized floating windows are not properly styled when ShowInTaskBar is set to false and Metro theme is applied
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.
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	Changing the text and pressing Esc key when UpdateSourceTrigger is set to LostFocus, the value is changed. Notes: Fixed an issue where update source trigger of lost focus on a binding to a value property of editor did not behave well with usage of escape key to revert to the original value.
XamGantt	Bug Fix	Auto scheduled milestones cannot be dragged to the end of the working day. Notes: Fixed an issue in the XamGantt where milestone tasks dragged to the end of a day will start at the beginning of the next day.
XamGantt	Bug Fix	Grid's scrollbar is not properly displayed in XamGantt Notes: Changed the XamGantt to disable the horizontal scrollbar below the ProjectTableGrid when it would have been hidden because the grid section didn't need it
XamGantt	Bug Fix	Hide Column command does not hide all selected columns. Notes:



		Removed the ParameterBinding from the "Hide Column" menu item in the default context menu for the Header area so that the command acts upon all the selected columns.
XamGantt	Bug Fix	Inappropriate style for the disabled scrollbar in XamGantt control when Metro theme is applied
XamGantt	Bug Fix	XamGantt Progress should not be visible when the task is a placeholder Notes: Changed the XamGantt such that a GanttTaskProgressPresenter is not created if the task's IsPlaceholder property is true
XamGantt	Bug Fix	Automatic task's duration is not properly changed when it's no longer a summary. Notes: Fixed an issue in XamGantt where auto-scheduled summary tasks became non-summary tasks that keep their last duration. They should be given the default duration for tasks.
XamGantt	Bug Fix	Task warning for ConstraintOrDependencyCannotBeEnforced is not raised when AlwaysHonorTaskConstraintDates is false Notes: Fixed an issue in XamGantt where the ConstraintOrDependencyCannotBeEnforced task warning was not raised when AlwaysHonorTaskConstraintDates was set to false.
XamGantt	Bug Fix	ActualValuesLostWarning is raised when indenting/out-denting tasks that have been started. Notes: Fixed an issue in XamGantt where the ActualValuesLostWarning is fired for tasks with actual values when they are indented or outdented.
XamGantt	Bug Fix	ConstraintType of the Project's RootTask is not changing when changing the IsScheduledFromStart property Notes: Fixed an issue in the XamGantt where the project root task did not have its constraint type changed to AsLateAsPossible when the project was scheduled from the finish.



XamGantt	Bug Fix	XamGantt control is missing from the assets in MS Blend 5 Notes: Added ToolboxCategoryAttribute for XamGantt in design assembly
XamGantt	Bug Fix	Task constraint for summary tasks is not changed when making the task summary Notes: Fixed an issue in XamGantt which allows a task to have an invalid constraint when it becomes a summary
XamGantt	Bug Fix	Timescale units from different bands do not end at the same time where they should after changing UnitCount Notes: Adjusted the default Timescale handling for Month units so that it tries to keep the intervals such that they would line up with year boundaries similar to MS Project
XamGeographicMap	Bug Fix	Crosshair on XamGeographicMap cannot be moved on touch screen
XamGeographicMap	Bug Fix	GeographicShapeSeries raises duplicates of SeriesCursorMouseMove events Notes: Fixed an issue where the geographic series raised duplicates cursor move events.
XamGeographicMap	Improvement	GeographicShapeSeries with many shapes has low rendering performance Notes: Improved the performance of Shape Series for WPF version of XamGeographicMap
XamGeographicMap	Improvement	GeographicScatterAreaSeries flickers when zooming into the XamGeographicMap and zooming is noticeably slow Notes: Improved GeographicScatterAreaSeries performance in the XamGeographicMap
XamGeographicMap	Improvement	Zooming into XamGeographicMap becomes slower when GeographicScatterAreaSeries is plotted



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	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	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	Sort indicators of the header cells are not validated when clearing the grouping using the Clear method of GroupBySettings.GroupByColumns collection
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	FilterMemu buttons in xamGrid control are slightly cut when the Metro theme is applied and there are more than 10000 unique items
XamGrid	Bug Fix	Cannot shift the focus away from a cell that was forced to stay in edit mode
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	Memory leak occurs when using conditional formatting and then removing XamGrid from the visual tree without setting the ItemsSource to null
XamGrid	Bug Fix	Pressing Escape key does not cancel row adding when cell validation error is triggered using IDataErrorInfo
XamGrid	Bug Fix	FilterMenu does not work properly when filters are applied on multiple fields
XamGrid	Bug Fix	InvalidOperationException is thrown when hovering the header cells of the xamGrid used in CompoundFilterDialogControl
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	Summary calculations do not update when data is added, removed, or changed
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	ColumnLayout rows are underlined with warning for empty key in VS2012 in XAML code
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
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	DateTimeColumn increases its width when EditorDisplayBehavior is set to Always and the user hovers over a DateTime cell for the first time
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	Columns names are not properly displayed when HeaderTextHorizontalAlignment is Center or



		Right and the Width of a Column is smaller than the MinimumWidth.
XamGrid	Bug Fix	Thumb of horizontal Scrollbar flickers when dragged and there is not data in the ItemsSource of XamGrid
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
XamInputs	Bug Fix	SetFocus method of AutomationElement throws an exception for XamMaskedInput control
XamMap	Bug Fix	Path for the zoomed map element isn't cut off when the element exceeds the viewable area and the map is zoomed in Notes: Fixed an issue when using larger stroke thicknesses caused edges to be visible when a surface element was clipped
XamMap	Bug Fix	XamMap fails to load shapefiles from another assembly
XamMonthCalendar	Bug Fix	The application accepts no inputs when the previous CalendarItemGroup becomes empty. Notes: Changed the xamMonthCalendar to ignore groups without items when searching for a CalendarItemGroup for a given date.
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 Notes: Fixed an issue which caused the control to freeze when checking a header checkbox in a control with no items in the dropdown
XamMultiColumnCombo	Bug Fix	ArgumentNullException is thrown when XamMultiColumnComboEditor is bound to collection



		of Dictionaries and filtering is performed
		Notes: Fixed ArgumentNullException that was thrown when the type of the property specified by DisplayMemberPath was an interface
XamNetworkNode	Bug Fix	Thumb of slider inside OPD cannot reach the beginning or the end value when the Metro theme is applied
XamNumericEditor	Bug Fix	Incorrect behavior when copy and paste number include minus mark in middle of the number
		Notes: Fixed an issue where masked editor and masked input processed '-' sign in the middle of digits being pasted when it should not have.
XamOutlookBar	Bug Fix	Collapsed group popup overlaps the right border of the minimized OutlookBar when the Metro theme is applied
XamPivotGrid	Bug Fix	Grid do not display data when using int16 measures
XamPivotGrid	Bug Fix	Cannot drag a dimension from dimension tree using tapping touch gesture in XamPivotGrid
XamPivotGrid	Bug Fix	Expanding data from the top down does not load the data correctly
XamPivotGrid	Bug Fix	PreserveMembersOrder property affects arrangement of multiple measure members
XamPivotGrid	Bug Fix	Scrolling before adding row group causes rows or fields to be combined
XamPivotGrid	Bug Fix	KeyNotFoundException is thrown when calculating measure in XamPivotGrid
		Notes: Fixed an issue in XamPivotGrid and now the XmlaDataSource will create a valid result structure even when the tuple where ALL_MEMBER should reside is not present in the result.
XamRibbon	Bug Fix	Resizable area of XamRibbon galleries is difficult to resize on touch screens
XamRibbon	Bug Fix	Tabs and their background with Office2010Blue theme are not using a transparent to solid gradient like in MSOffice2010
		Notes: The Background if the Glass property is active has changed to be non-transparent. Now, the



		control has a Gradient Brush applied to it
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	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.
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	Changing the selected tab does not show its real content in the designer Notes: Changed the xamRibbon designer such that it changed the SelectedTab of the associated xamRibbon when the RibbonTabItem is selected in the designer.
XamRibbon	Bug Fix	Designer fails to allow editing of XamRibbon is when control is inside of a RibbonWindowContentHost Notes: Changed the VS 2012 specific xamRibbon design assembly to allow the Ribbon and StatusBar of the RibbonWindowContentHost to have the AlternateContentProperty attribute.
XamRibbon	Bug Fix	Designer does not switch Tabs when tab is selected in VS2012 Notes: Changed the xamRibbon designer such that it changed the SelectedTab of the associated xamRibbon when the RibbonTabItem is selected in the designer.
XamRibbon	Bug Fix	InvalidOperationException occurs when changing the theme to "Office2k7Blue"
XamRibbon	Bug Fix	ContextualTabGroup does not match MS Office appearance



		<p>Notes: Changed the tab item handling when ContextualTabGroups are displayed to be more consistent with how they are handled in Microsoft Office 2007/2010 applications.</p>
XamRibbon	Bug Fix	<p>RibbonGroup's attached properties for the ButtonTool does not show in the VS properties window</p> <p>Notes: Visual Studio does not honor the AttachedPropertyBrowsableWhenAttributePresent that we had on the RibbonGroup properties so this was changed to AttachedPropertyBrowsableForChildren for the MinimumSize and MaximumSize of the RibbonGroup.</p>
XamSchedule	Bug Fix	<p>Reminder dialog show incorrect due in time when the reminder interval is set to 2 days</p> <p>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'.</p>
XamSchedule	Bug Fix	<p>Schedule appointment with modified occurrence of deleted series is shown again after scrolling</p> <p>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.</p>
XamSchedule	Bug Fix	<p>Schedule appointment with modified occurrence is not deleted after modifying the recurrence</p> <p>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</p>



		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	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	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	NullReferenceException occurs in Visual Studio 2010 and 2012 when ListScheduleDataConnect is on the form with CLR 4.5 installed
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	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



XamSpellChecker	Bug Fix	Missing background color for a modal dialog in xamSpellChecker with applied Metro theme
XamSyntaxEditor	Bug Fix	Caret is positioned at the end of the current line when selecting a line via clicking inside the LineNumberMargin Notes: Fixed an issue in XamGantt which resulted in an incorrect caret position after clicking in the line number margin to select a line
XamSyntaxEditor	Bug Fix	A few properties are missing from the design assembly of XamSyntaxEditor
XamSyntaxEditor	Bug Fix	Caret navigation do not work as expected when text is selected XamSyntaxEditor
XamSyntaxEditor	Bug Fix	StackOverflowException is thrown in the CS indent service
XamSyntaxEditor	Bug Fix	ArgumentOutOfRangeException is thrown while typing the 'else' word in SyntaxEditor
XamTabControl	Bug Fix	User control is not at the top of XamTabControl container while Metro theme is applied Notes: Changed the values of the HorizontalContentAlignment and VerticalContentAlignment setters to "Stretch" in the TabItemEx style
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	Changing state of XamTile from Maximized to Normal state, does not update the IsMaximized property
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	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	NullReferenceException is thrown when loading from PersistenceManager