

NetAdvantage[®] for WPF 12.1 – Service Release Notes – July 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 |
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| Common | Bug Fix | Some controls' styles don't have fixed namespaces in WPF |
| Common | Bug Fix | An error occurs when using VerifyAssembliesSecurityTransparency in OLAP Adomd assembly |
| Common | Bug Fix | Some controls do not have the new images in VS2012 toolbox |
| Excel Engine | Bug Fix | An exception occurs when opening Excel xls files with worksheet relations Notes: Fixed an issue with the Excel library where loading a workbook from a file which contains data validation formulas referencing other worksheets in the same workbook caused an exception. |
| Excel Engine | Bug Fix | Fill color in Shape is lost when original Fill color is set to specific color (e.g Black) Notes: Fixed an issue in the Excel library where the background color of shapes might not be loaded correctly when theme colors were used. |
| Excel Engine | Bug Fix | Border Color is lost when original Fill color is set to specific color (e.g Black) |



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| | | <p>Notes: Fixed an issue in the Excel library where loading a worksheet with shapes may result in some shapes having an incorrect outline color.</p> |
| XamBarcode | Bug Fix | There are incorrect icons for the Barcodes in the VS2012 toolbox |
| XamBulletGraph | Bug Fix | Changing XamBulletGraph orientation changes the coloring |
| | | <p>Notes: Fixed an issue where a "QualitativeRange" with a "Value" that was less than the "Minimum" value of the "QuantitativeScale" was not drawn correctly.</p> |
| XamCalendar | Bug Fix | XamCalendar is empty when MinDate is set to last day of the current month |
| XamColorPicker | Bug Fix | User input validation for textboxes in AdvancedEditor does not work when a theme is applied to XamColorPicker |
| XamDataCards | Bug Fix | Card object is not rendered consistently in the XamDataCards |
| XamDataCards | Bug Fix | An exception is thrown when collapsing empty cells in a card with too few fields populated. |
| | | <p>Notes: Changed the layout handling for CellPresenters to ensure the Width/Height of the calculated Rect is 0 or greater.</p> |
| XamDataChart | Improvement | There is performance issue of xamDataChart with OPD compared to xamDataChart without OPD control |
| | | <p>Notes: Fixed an issue with performance of the OverviewPlusDetailPane when updating series with high frequency was improved.</p> |
| XamDataChart | Bug Fix | ToolTips flicker when render transform is set on the XamDataChart |
| XamDataChart | Bug Fix | When the DataSource have Double.NaN values on every second object and the ScatterLineSeries's UnknownValuePlotting is set to LinearInterpolate, particular DataPoint are not connected with line at all. |
| | | <p>Notes:</p> |



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| | | Fixed an issue with UnknownValue=LinearInterpolate in ScatterLineSeries in cases where data points were isolated between 2 unknown values. |
| XamDataChart | Bug Fix | EndCap does not get set to Round when auto generating a Stacked Series |
| XamDataChart | Bug Fix | Unhandled exception occurs when StackedSeries is plotted with OPD turned on |
| XamDataChart | Bug Fix | An exception occurs when RangeColumn/RangeAreaSeries is plotted with OPD turned on |
| XamDataChart | Bug Fix | Borders and Negative wicks of the FinancialPriceSeries (CandleStick display mode) are not displayed in the OPD |
| | | Notes: Fixed an issue when the outline color in the OPD for the financial price series was incorrect. |
| XamDataChart | Bug Fix | Clearing the Axes does not remove the PolarSeries from the OPD control |
| XamDataChart | Bug Fix | Adding a stacked fragment to StackedSeries does not update correctly the stacks in the OPD control |
| XamDataChart | Bug Fix | Trendlines plotted on any CategorySeries are not correctly displayed when the X/Y Axes are inverted. |
| | | Notes: Fixed an issue where inverting the axes did not updated the associated category series trendline was resolved. |
| XamDataChart | Bug Fix | Icons for XamDataChart and the ItemLegend are incorrect in the VS2010 toolbox |
| XamDataChart | Bug Fix | Icon for ScaleLegend is incorrect in the VS2012 toolbox |
| XamDataGrid | Bug Fix | Theme is not applied when being set programmatically to the XamDataGrid which take place in the inactive tab of a TabControl |
| | | Notes: Changed the ThemeManager such that it applies the Theme change even when the control is unloaded and if it has loaded ancestors. |
| XamDataGrid | Bug Fix | XamDataGrid is not reacting to ViewModel changes even though the INotifyPropertyChanged interface is implemented. |



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| | | <p>Notes: Fixed an issue where ExpandedCellPresenter's Value property returned CVPValueWrapper object instead of the actual cell value that's associated with the ExpandedCellPresenter. Normally this did not have any adverse effects on the workings of the data presenter however if you utilized the Value property, for example from a custom template, this would have returned a value that was not expected. The fix addresses the issue so the actual value is returned and not the CVPValueWrapper. The change is very low impact change in the ExpandedCellPresenter class.</p> |
| XamDataGrid | Bug Fix | <p>DataRecordPresenter's default style causes designer error in VS 2010</p> <p>Notes: Changed the XAML attribute usage from compact to verbose (additional info: http://msdn.microsoft.com/en-us/library/ms753186.aspx). Example: BorderBrush="{DynamicResource {ComponentResourceKey {x:Type igDP:XamDataGrid}, SummaryButtonPopupBorder}}}" to BorderBrush="{DynamicResource {ComponentResourceKey TypeInTargetAssembly={x:Type igDP:XamDataGrid}, ResourceId=SummaryButtonPopupBorder}}}"</p> |
| XamDataGrid | Bug Fix | <p>TargetInvocation exception is thrown when SortEvaluationMode is set to True and a FieldSortDescription is added in XAML.</p> |
| XamDataGrid | Bug Fix | <p>Part of the second row is visible when there is multiline text in a Cell in the XamDataGrid</p> <p>Notes: Changed the auto-size logic such that when it uses the actual cell element (e.g. CellValuePresenter) within the VirtualizingDataRecordCellPanel to calculate the size that it invalidates that panel's measure when the operation is complete so those cell elements can be re-measured with the constraining size available to that panel.</p> |
| XamDataGrid | Bug Fix | <p>Inconsistent behavior with editors when setting SupportsDataErrorInfo</p> <p>Notes: Fixed an issue where setting the ContentTemplate in a custom CellValuePresenter style didn't have any effect when SupportDataErrorInfo feature was enabled. The fix was done in a</p> |



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| | | template identified by DataErrorContentTemplateKey and therefore is limited to cases where this functionality is enabled. |
| XamDataGrid | Bug Fix | TargetInvocation exception is thrown when SortEvaluationMode is set to True and a FieldSortDescription is added in XAML. |
| XamDataPresenter | Bug Fix | The first field's label is not washed in Office2010Blue theme |
| XamDataPresenter | Bug Fix | An exception is thrown when grouping and the SortEvaluationMode is set to UseCollectionView Notes: Fixed an issue where an exception was being through when SortEvaluationMode was set to UseCollectionView and grouping was performed. The change is a very low impact change in the routine that creates groups. |
| XamDataPresenter | Bug Fix | DataPresenter library throws StackOverflowException when grouping in child record collection Notes: Fixed a stack overflow exception that took place in certain specific situation when child record collection was grouped. The change is a low impact change in the record collection class. |
| XamDataPresenter | Bug Fix | Selection stroke is not appearing on the cell in the highlighted primary filed when the Metro theme is applied |
| XamDataPresenter | Bug Fix | DataPresenter library throws NullReferenceException in CellValuePresenter.OnCreateAutomationPeer method Notes: Changed the CellValuePresenterAutomationPeer to check for null when accessing the Cell of the associated CellValuePresenter. |
| XamDataTree | Bug Fix | If FlowDirection is RightToLeft and when dragging node, the popup of the text is not under the "hand element" only for WPF |
| XamDataTree | Breaking Change (Visual Appearance) | ActiveNodeIndicator style is too similar to a style for focused node in the XamDataTree Notes: Changed ActiveNodeIndicator style of the XamDataTree |



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| XamDateTime | Bug Fix | XamDataTree parent node styling is not correct when drag/drop a child node over a parent node |
| XamDateTime | Bug Fix | VerticalContentAlignment doesn't work in XamDateTimeEditor when the Metro theme is applied |
| XamDialogWindow | Bug Fix | When XamDialogWindow is modal and inside a tab all but the tab headers are inaccessible, including the XamRibbon Notes: Changed the XamRibbon so it is only disabled if the parent of the XamDialogWindow is an ancestor of the XamRibbon. |
| XamDockManager | Bug Fix | Adding ContentPane and activating it in a dialog window, does not keep the ContentPane active after closing the window Notes: Changed the Activate method of the ContentPane such that it will consider the pane to have been activated even if the Focus calls return false if the containing window is disabled such as occurs when a modal dialog is displayed. |
| XamDockManager | Bug Fix | Size of the docked content pane reduces automatically when minimize and maximize the application Notes: Changed the DockManagerPanel such that it does not resize explicitly sized root SplitPanes if the arrange size has a 0 width and/or height such as occurs in this case where a minimize windows forms application lays out the child controls with a 0,0 size. |
| XamDockManager | Bug Fix | Height of TabGroupPane changes when dragging and dropping the pane Notes: Changed the processing of the NewRootPaneAction such that it doesn't add in the non-client size to the height being used for the new root pane. |
| XamDockManager | Bug Fix | Unselecting a document tab containing WindowsFormsHost is impossible if the focus is in some element inside the WinFormsHost. |



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| | | <p>Notes: Changed the XamDockManager such that it avoids shifting focus to its ActivePane while one of its ContentPanels is trying to focus an element within its Activate method.</p> |
| XamDockManager | Bug Fix | <p>The unpinned flyout is partially out of view when using an HwndHost within the XamDockManager</p> <p>Notes: Changed the UnpinnedTabFlyout such that it consistently constrained the extent of the fly-out based on the available size of the DockManagerPanel when an HwndHost was used within a ContentPane in the XamDockManager. The flyout will also be constrained based on that available extent even when there was an explicit extent when that extent was beyond the available space such as would occur if one resized an unpinned pane, made the containing Window smaller and then showed the unpinned pane in the fly-out again.</p> |
| XamDockManager | Bug Fix | <p>Cannot drag a minimized floating window when there is only a single contentpane and the FloatingWindowCaptionSource is set to UseContentPaneCaption</p> <p>Notes: Changed the dragging of the minimized floating window when using FloatingWindowCaptionSource of UseContentPaneCaption to let the OS do the drag as it would if the ToolWindow were providing the caption.</p> |
| XamDockManager | Bug Fix | <p>Maximized windows cannot be restored down when AllowMaximize is set to false afterwards.</p> <p>Notes: Changed the Window that hosts a ToolWindow to ignore a restore request via a WM_SYSCOMMAND when the window is maximized and AllowMaximize is false.</p> |
| XamEditors | Bug Fix | <p>Hover highlight of the Editors is not washed in the Metro theme</p> |
| XamEditors | Bug Fix | <p>DateTimeEditor spin buttons are not washed when hottracked in the Metro theme</p> |
| XamEditors | Bug Fix | <p>Validation is incorrect when applying RegexPattern.</p> <p>Notes:</p> |



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| | | Fixed an issue where certain RegexPattern values of ValueConstraint did not work with editors. The change to resolve this issue was made in the ValueConstraint class where it creates the Regex object. |
| XamFormulaEditor | Bug Fix | Cannot activate error messages on touch environment of the XamFormulaEditor Notes: Added the ability to touch the error indicator of the XamFormulaEditor on a touch machine to show the error description. |
| XamFormulaEditor | Bug Fix | Incorrect foreground of the highlighted item in the auto-complete list help in the Metro theme |
| XamGeographicMap | Bug Fix | PreviewRect property doesn't raise property changed notifications |
| XamGeographicMap | Bug Fix | PreviewRect property doesn't raise property changed notifications in XamGeographicMap |
| XamGrid | Bug Fix | Toolbar button takes two clicks to fire click event, when first cell is active in the XamGrid |
| XamGrid | Bug Fix | Unable to select row by clicking a cell with ComboBoxColumn when EditDisplayBehavior is set to 'Always' value |
| XamGrid | Bug Fix | Items in the ListBox inside of the FilterMenu are blurry in the 'IGTheme' theme |
| XamGrid | Bug Fix | XamGrid throws an exception when data source is populated and the bands are synchronized using custom approach |
| XamGrid | Bug Fix | An InvalidCastException is thrown in some cases when Dynamic Types are used in the XamGrid |
| XamGrid | Bug Fix | FilterRow cell operand drop down has just the black corners instead of borders in the XamGrid |
| XamGrid | Bug Fix | HeaderDropDownControl VisualTree changes for TestAdvantage Notes: Additional panel is injected in run-time. This change won't affect custom ControlTemplates. |
| XamGrid | Bug Fix | ValueConverter is applied incorrectly when used in the group by column in the XamGrid |
| XamGrid | Bug Fix | The column moving is not allowed except of the topmost grid, when using the XamGrid inside XamDockManager, XamTabControl and XamRibbon |
| XamGrid | Breaking Change (Other) | Horizontal scroll bar returns to the left on the key "Page down" when there are multiple columns and the cell from the last one is active Notes: |



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| | | Fixed an issue in the behavior of PageUp and PageDown keyboard navigation. |
| XamGrid | Bug Fix | Borders are not aligned in Custom Filter Dialog of the XamGrid |
| XamGrid | Bug Fix | XamGrid throws NullReferenceException when custom filter is used and the control is in Windows Forms application Notes: Fixed an issue with NullReferenceException that occurred when the custom filter dialog of XamGrid, hosted in WinForms, was opened. |
| XamGrid | Bug Fix | XamGrid control is missing ColumnVisibilityChanged event for TestAdvantage |
| XamGrid | Bug Fix | Cell value is not preserved after changing cell's value with AllowEdit is set to Hover and hovering a non-editable cell |
| XamGrid | Bug Fix | The click event of an outer Button is not fired when a DateTime Column is in edit mode and the button is clicked. |
| XamGrid | Bug Fix | Adding item to the XamGrid sorted by enum property causes InvalidOperationException |
| XamGrid | Bug Fix | Incorrect value is copied when copying a cell from DateTimeColumn in the XamGrid |
| XamGrid | Bug Fix | DateTimeColumn and MultiColumnComboColumn does not exit edit mode when the user press esc key and the focus is inside the editor |
| XamGrid | Bug Fix | Items in the ListBox inside of the FilterMenu are blurry in the 'IGTheme' theme |
| XamMaskedText | Bug Fix | Unexpected pixel occurring at end of text in edit mode Notes: Removed the stroke thickness and stroke to the "corner" rectangle inside the ScrollViewer style. |
| XamMultiColumnCombo | Bug Fix | ArgumentOutOfRangeException is thrown when filtering on TextComboColumn bound to intager Notes: Fixed an issue that caused an ArgumentOutOfRangeException when entering text in a XamComboEditor or XamMultiColumnComboEditor while filtering and AutoComplete were active. |



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| XamMultiColumnCombo | Bug Fix | Filtering on TextComboColumn bound to int does not work as expected Filtering on TextComboColumn bound to integer does not work as expected Notes: Fixed an issue that caused filtering to fail in a XamComboEditor or XamMultiColumnComboEditor when the field being filtered on (i.e., the field represented by the DisplayMemberPath property) was a Value type. |
| XamNetworkNode | Bug Fix | Trying to drag an empty XamOrgChart or XamNetworkNode causes an exception to appear |
| XamNumericInput | Bug Fix | Caret behaves differently when PromptChar is set to empty string and a space in XamNumericInput Notes: Fixed an issue in XamMaskedInput and XamMaskedEditor controls where if the PromptChar is set to 0 character value (empty string in XAML), arrow navigation sometimes required multiple arrow key presses to see the caret visually move. |
| XamOrgChart | Bug Fix | XamOrgChart is not refreshed when changing the style of a node at runtime |
| XamOrgChart | Bug Fix | No nodes are displayed when items are added to empty collection used as ItemsSource for the XamOrgChart Notes: Fixed an issue with not refreshing control view when empty items source was bound to XamOrgChart and more items were added to source in sequences. |
| XamOutlookBar | Bug Fix | The scrollbar in Navigation Pane Dialog is not washed in the Metro theme |
| XamOutlookBar | Bug Fix | Navigation Pane Options dialog is not properly washed in IG and Office themes |
| XamOutlookCalendarView | Bug Fix | XamOutlookCalendarViewCommandSource's TargetName property does not work Notes: Changed the CalendarBase, ScheduleControlBase and XamOutlookCalendarView classes to register as a command target with our CommandSourceManager. |
| XamPivotGrid | Bug Fix | Sorting Column Header with OrderByExpression set to expression like |



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| | | Expression<Func<'DataType', int>> sorts int values as string. |
| XamPivotGrid | Bug Fix | Data selector tree background is not smooth in the XamPivotGrid |
| XamPivotGrid | Bug Fix | Scroll bar is not shown in selector area when many hierarchies/measures are added and themes are used to the XamPivotGrid |
| XamPivotGrid | Bug Fix | FlatDataSource live update crashes when CollectionViewSource.View is used as items source for the XamPivotGrid |
| XamPivotGrid | Bug Fix | The node expansion indicator is not bound correctly when using theme in the data selector |
| XamRibbon | Bug Fix | Updated data is not shown in content of XamRibbon control's StatusBar Notes: Changed the XamRibbon control's handling of the Theme property change such that it applies that theme change to the containing XamRibbonWindow initially instead of applying it to itself and later applying it to the XamRibbonWindow. |
| XamRibbon | Bug Fix | Pressing Key Tip (alt+letter) for collapsed tab causes contents of Tab to become visible and selected Notes: Changed the XamRibbon KeyTip handling such that key tips associated with collapsed elements are ignored when processing the keyboard. Also, in the case of RibbonTabItem, a tab of a ContextualTabGroup that is not visible is ignored. |
| XamRibbon | Bug Fix | Invalid XAML errors occur when editing XamRibbon styles in Expression Blend |
| XamRibbon | Bug Fix | Cannot edit XamRibbon style templates and error popups appear in Expression Blend Notes: Changed the XamRibbon such that it ignores changes to the KeyTip related attached properties at design time. |
| XamRibbon | Bug Fix | CheckBoxTools in the "Customize Quick Access Toolbar" menu are not checked when tools are added through code after the Loaded event. |
| XamSchedule | Bug Fix | ColorScheme is not applied on the color picker for categories. |



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| | | <p>Notes: Added 2 enums to the CalendarBrushId - ActivityCategoryColorPickerDropDown(Background Border) - to allow controlling of the popup of the ActivityCategoryColorPicker used in the activity category dialogs.</p> |
| XamSchedule | Bug Fix | The font size of the None button color palette drop down is too small in the Metro theme |
| XamSchedule | Bug Fix | Category presenters in activity presenters are too small when the Metro theme is applied |
| XamSchedule | Bug Fix | An exception is thrown when MinDate and LogicalDayOffset are specified and scrolling through days |
| | | <p>Notes: Changed the logic used to calculate the min/max range when the logical day duration and/or offset have been specified.</p> |
| XamSchedule | Bug Fix | One of the calendars disappear when applying the Metro theme to the XamSchedule at runtime |
| | | <p>Notes: Fixed an issue where setting lists that contained schedule's Resource and ResourceCalendar objects to ListScheduleConnector's ResourceItemsSource and ResourceCalendarItemsSource properties respectively resulted in some resources calendar collection to get cleared when the items sources were reset. Items sources can get reset inadvertently if ListScheduleDataConnector is defined inline inside XamScheduleDataConnector and the XamScheduleDataConnector's template changes (which could be a result of a theme change where the new theme has a different template).</p> |
| XamSlider | Bug Fix | Push Mode of Thumbs is not working correctly in XamSlider |
| XamSpellChecker | Bug Fix | Themes are not applied on the list boxes in the dialog. |
| XamTabControl | Bug Fix | Applying 'Metro' or 'IGTheme' theme makes the GroupBox header disappears in the XamTabControl |
| | | <p>Notes: Removed Foreground Color from TabItemEx and the XamTabControl. Added Foreground Color to the TabItemEx ContentPresenter.</p> |



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| XamTileManager | Bug Fix | Maximized tile does not expand to fill up the available space, when the position of TileAreaSplitter is changed and all minimized tiles are closed |
| XamTileManager | Bug Fix | No persisting states are saved when tiles are expanded in the XamTileManager |
| XamTileManager | Bug Fix | Replacing bound tile item causes Tiles to disappear in the XamTileManager |
| XamTimeline | Bug Fix | XamTimeline performance decreases when changing event point fill color. |