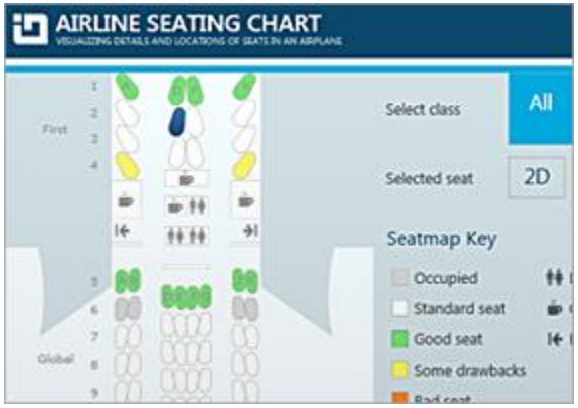
# NetAdvantage® for WPF 12.2 – Service Release Notes – November 2013

### Raise the Bar on Both BI and Desktop UI with Infragistics WPF Controls

Infragistics WPF controls provide breadth and depth in enabling developers to bring modern, trend-setting applications to market while shortening development time. If you need gesture/touch support, dynamic themes, and lightning fast performance in one WPF package, look no further.






## Installation

| | |
|---|---|
| **Downloading** | Download Infragistics Ultimate here. |

## What's Changed

| Components | Product Impact | Description |
|---|---|---|
| Combo | Bug Fix | Item selection occurs when a ValuePath value is entered.<br><br>Notes:<br>Fixed an issue in XamComboEditor where entering text in the combo editor where the entered text doesn't have a matching entry in the drop-down that matches via text but does have a matching entry that matches via the entry's value caused the editor to reset the text of the combo editor to the display text of that matching entry. With the fix, the editor will wait until the user leaves to reset the text to the display text of the entry matched via value. If LimitToList is set to true then this behavior doesn't take place and thus XamComboEditor's using LimitToList of true are not affected by this change. |
| Combo Editors | Bug Fix | Typing the same letter in the control makes additional horizontal scrollbar appear. |
| Context Menu | Breaking Change (API) | ContextMenuItem Header does not show bound data after the second time it appears<br><br>Notes:<br>Part of the ControlTemplate named "HeaderPresenter" was changed from IconContentControl to ContentPresenter type. |



INFRAGISTICS DESIGN / DEVELOP / EXPERIENCE

| | | |
|---|---|---|
| Data Chart | Bug Fix | Legend Item settings does not work on Stacked Series<br><br>Notes:<br>Some scenarios where legend item properties weren't propagated for stack fragments if created from XAML have been resolved. |
| Data Chart | Bug Fix | Column Series with OlapXAxis, within the ContentPane, is rendering with columns collapsed. |
| Data Chart | Bug Fix | Memory leak occurs when changing the ItemsSource of the control with Stacked Column Series<br><br>Notes:<br>A memory leak was fixed for stacked column fragments. |
| Data Chart | Improvement | Dynamically updated chart flickers<br><br>Notes:<br>A scenario that performed poorly for auto generated stack series has been improved. |
| Data Chart | Bug Fix | Series titles in the legend are incorrect |
| Data Chart | Bug Fix | Changing the chart theme at runtime causes a NullReferenceException |
| Data Grid | Bug Fix | ForegroundAlternateStyle doesn’t work<br><br>Notes:<br>Changed the triggers of the default ControlTemplate(s) of CellValuePresenter such that it applied the ForegroundAlternateStyle. |
| Data Grid | Bug Fix | Hidden field not being showed in the group by area<br><br>Notes:<br>Fixed an issue where a label in the DataPresenter's GroupByArea representing a field would disappear after the Visibility of the associated Field was set to Collapsed. |
| Data Grid | Bug Fix | BeginEdit, CancelEdit, EndEdit methods of IEditableObject aren’t called. |



INFRAGISTICS
DESIGN / DEVELOP / EXPERIENCE

| | | |
|---|---|---|
| Data Grid | Bug Fix | Child band expansion speed is slow when bound data is filtered DataView<br><br>Notes:<br>Cut the time for accessing child DataRowViews in half. This only affects DataViews with RelatedViews. |
| Data Grid | Bug Fix | Field is not resized upon cell border double click in Japanese OS |
| Data Grid | Bug Fix | The grid does not respect null property in PropertyChangedEventArgs |
| Data Grid | Bug Fix | 'InvalidOperationException' occurs returning to a view with a selected record when a theme is set and using navigation via Frame |
| Data Grid | Bug Fix | Using Combination of CellClickAction=EnterEditModeIfAllowed and SelectRecord causes multiple record selection despite SelectionTypeRecord=Single |
| Data Grid | Bug Fix | NullReferenceException is thrown in XamDataGrid.DataSource after LoadCustomizations |
| Data Grid | New Functionality | Data loss when tabing out of cell with UpdateSourceTrigger set to OnPropertyChange<br><br>Notes:<br>Added DataItemUpdateTrigger property to the FieldSettings object.<br><br>If not set this property resolves to 'OnLeaveCell' which will result in the existing behavior.<br><br>When set to 'OnCellValueChange' this will cause the DataItem's property to get updated as the user types in edit mode as long as the editor's value is valid (i.e. passes the editor's validation logic). For example if the user entered '1' in a date editor it wouldn't be considered valid. |
| Data Grid | Bug Fix | When the cell is auto-resized Cell’s value is interrupted and the right border disappears, if CellContainerGenerationMode property is set to PreLoad and CellHeight property is applied. |
| Data Grid | Bug Fix | Expansion Indicator doesn’t show after child records are added. |



INFRAGISTICS
DESIGN / DEVELOP / EXPERIENCE

| | | |
|---|---|---|
| Data Tree | Bug Fix | Nodes are being checked and then unchecked when using drag and drop<br><br>Notes:<br>A custom CheckBox template was added to fix the issue |
| Data Tree | Bug Fix | Memory leak issue occurs when the data source is refreshed |
| Data Tree | Bug Fix | The control does not update its data after the second time is it updated |
| Data Tree | Bug Fix | Memory leak occurs when reloading data of the control |
| Data Tree | Bug Fix | Memory Leak when the nodes are still in memory after a bound collection is cleared |
| Data Tree | Bug Fix | There is a Binding Error when a Node enters edit mode and an ItemTemplate is defined |
| Data Tree | Bug Fix | Binding error appears when binding a property of the XamDataTreeNodeControl through a style |
| Data Tree | Bug Fix | The control does not update its data when the data is added via a button |
| Data Tree | Bug Fix | Memory leak occurs when reoping a window with the control<br><br>Notes:<br>The bug is fixed. |
| Data Tree | Bug Fix | Not able to select the active node after calling Clear of SelectedNodes |
| Data Tree | | NullReferenceException in XamDataTreeNodeControlAutomationPeer |



INFRAGISTICS
DESIGN / DEVELOP / EXPERIENCE

| | | |
|---|---|---|
| Data Tree | Bug Fix | An ObjectReference exception is thrown when a tree in a windows form is reloading the itemsource<br><br>Notes:<br>The issue is fixed.<br>In order to save the expanded nodes on click the last reload() should NOT be called, as it will reload the nodes one more time without saving the expansion, i.e.:<br><br>this.uc1.backupNodeExpanded();<br>this.uc1.reload();<br>this.uc1.restoreNodeExpanded();<br>//this.uc1.reload(); |
| Date Time | Bug Fix | DateTime control not showing binding results until the control is in focus<br><br>Notes:<br>Fixed an issue in XamDateTimeInput where having a binding to Date property did not update the display of the control to reflect the value provided by the binding. |
| Dock Manager | Bug Fix | DockManager inconsistency between themes |
| Editors | Improvement | Suppress update ValueEditor value in edit mode<br><br>Notes:<br>Added EditModeBehaviorOnDataUpdate property to FieldSettings of the data presenter. This is used to prevent the cell in edit mode from reflecting the updated value in the data source until its left edit mode without the user modifying its value. |
| Editors | Bug Fix | An odd black border is shown in editors' spin buttons when using Office2010Blue theme |



INFRAGISTICS DESIGN / DEVELOP / EXPERIENCE

| | | |
|---|---|---|
| Excel | New Functionality | NamedReference with OFFSET formula returns a null cell<br><br>Notes:<br>Added some functionality to the Worksheet.GetCell(...), Worksheet.GetRegion(...), Worksheet.GetRegions(...), NamedReference.ReferencedCell, NamedReference.ReferencedRegion, and NamedReference.ReferencedRegions members to evaluate complex named reference formulas and return the appropriate references if they evaluated to them. Previously, only simple named formulas would return the appropriate references. To detect when the newer functionality would be used, we have added a NamedReference.IsSimpleReferenceFormula property. |
| Formula Editor Dialog | Bug Fix | ContextualHelpSettings are not applied in the 'Operands' window<br><br>Notes:<br>Changed the behavior of the FormulaEditorDialog to use relative references in the operands tree if possible when the ContextualHelpSettings.PreferredAutoCompleteReferencesType value is RelativeReferences. Values of AbsoluteReferences and AbsoluteAndRelativeReferences will continue to display absolute references. |
| Gantt | Improvement | Not possible to use the Int property for mapping the DataItemId property in the TaskPropertyMappings<br><br>Notes:<br>Added TaskDataItemIdInitializing event to ListBackedProject in XamGantt to allow assignment of custom id's to the data source items when new tasks are added. |
| Grid | Bug Fix | InvalidKeyException is thrown when a Column with a key that points to a property from an inherited interface is added. |
| Grid | Bug Fix | Touch scrolling is not working for the Grid part of the control |
| Grid | Bug Fix | Populating an empty IEditableCollectionView causes an exception when FilterRow is enabled |
| Grid | Bug Fix | DuplicateColumnKeyException is thrown if the data object has more than one indexer and AutoGenerateColumns is True |
| Grid | Bug Fix | Mouse events of the summary dropdown bubble up to the header and cause sorting of the column is clicking in the enpty space in the popup |



INFRAGISTICS DESIGN / DEVELOP / EXPERIENCE

| | | |
|---|---|---|
| Grid | Bug Fix | If the property is defined using PropertyDescriptors, when sorted then adding or removing an item from column results in an exception |
| Grid | Bug Fix | The public property Column is missing from FilterValueProxy |
| Grid | Bug Fix | Adding a new row, when the 'ShouldRefreshOnDataChange' property of the conditional formatting is set to "true" causes a delay<br><br>Notes:<br>Improvement over the XamGrid perfomance using Conditional Formatting is made. |
| Inputs | Bug Fix | Value cannot be null when tab out of cell or delete content and tab out of cell<br><br>Notes:<br>Fixed an issue in MaskedInput where using it in XamGrid with value constraint settings that would consider null an invalid value caused an error message to be displayed when exiting edit mode on a cell containing masked input in XamGrid. |
| Inputs | Bug Fix | The blue border disappear when moving the mouse over the xamInput control |
| Month Calendar | Bug Fix | The font size for the Metro themes in xamMonthCalendar is not 14.667 |
| Multi Column Combo | Bug Fix | When the drop down is empty during resize some visual defects appear |
| Multi Column Combo | Bug Fix | Cannot navigate the Items from the dropdown with Up/Down arrow keys, when CustomValueEnteredAction="Allow" and FilterMode="FilterOnPrimaryColumnOnly". |
| Numeric Input | Bug Fix | Binding the ValueConstraint property for Input controls is not working correctly<br><br>Notes:<br>Changed the base class for the WPF version of the ValueConstrant class (exposed as a property of ValueInput class) to Freezable (from DependancyObject). This enables a binding that targets a property of ValueConstraint (and that relies on the inheritance context) to work. |



INFRAGISTICS
DESIGN / DEVELOP / EXPERIENCE

| | | |
|---|---|---|
| Outlook Bar | Bug Fix | Binding GroupSource to CollectionViewSource with sort descriptions throws unhandled exception (key of group is not unique) when adding new item to underlying collection<br><br>Notes:<br>Modified how OutlookBarGroups are being created internally so that when binding the GroupsSource to a sorted CollectionViewSource we do not cause a duplicate key error. |
| Outlook Calendar View | Improvement | BringIntoView method should be added to bring specific DateTime into view for XamOutlookCalendarView<br><br>Notes:<br>Added a BringIntoView method to the ScheduleControlBase and XamOutlookCalendarView classes. Also added a BringDateIntoView value to the ScheduleControlCommand enumeration so one could use the ScheduleCommandSource to invoke the method. The command expects the resolved parameter to be the DateTime to be brought into view. |
| Pivot Grid | Bug Fix | Opacity rectangle is not shown for measures item when a lot of filters are added and scroll to the bottom |
| Pivot Grid | Bug Fix | Slicer item is in focus when unselecting it with CTRL key and mouse. For some themes it appears that it is not selected |
| Pivot Grid | Bug Fix | The MeasureListIndex property works only the first time it is set |
| Reporting | Bug Fix | Empty pages are printed if the first section of the control contains XamDataChart |
| Ribbon | Bug Fix | Ribbon in Modal dialog window is inaccessible |
| Ribbon | Bug Fix | The PreviewMouseLeftButtonUp event of the ButtonTool does not fire if the mouse cursor is not over it when releasing the mouse button |
| Ribbon | Bug Fix | The height of ButtonTool image inside container control is not as the same as outside of container control |
| Ribbon | Bug Fix | TextEdtiorTool should honor a difference between ImageAndTextNormal and ImageOnly on the editors |
| Sparkline | Bug Fix | High/Low markers not visible with large amount of data |



INFRAGISTICS
DESIGN / DEVELOP / EXPERIENCE

| | | |
|---|---|---|
| SpellChecker | Bug Fix | SpellCheckerCompleted Event not firing when SpellChecking a RichTextBox<br><br>Notes:<br>Fixed an issue with the XamSpellChecker where the SpellCheckerCompleted event was not firing when using the "Next Field" button to cycle through all controls. |
| Tab Control | Bug Fix | Incorrect tabs placement for Metro themes |
| Tab Control | Bug Fix | SelectedItem binding failing for TabControl |
| Tab Control | | SelectionChanged event is fired twice when tab header is pressed and the user tries to change the selection |
| Tree Map | Bug Fix | Treemap is showing an error multiple times |



INFRAGISTICS
DESIGN / DEVELOP / EXPERIENCE