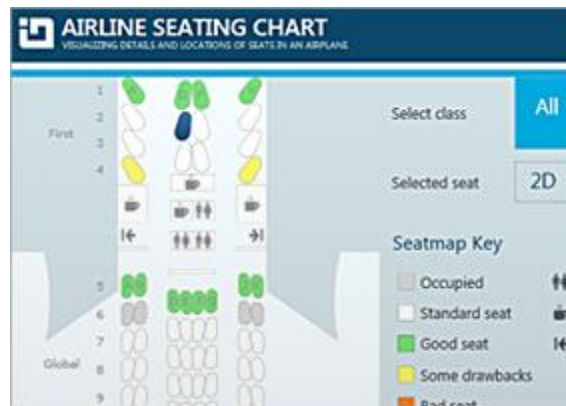# Infragistics WPF 12.2 –
Service Release Notes – November 2013

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. Notes: 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 Notes: Part of the ControlTemplate named "HeaderPresenter" was changed from IconContentControl to ContentPresenter type.

Data Chart	Bug Fix	Legend Item settings does not work on Stacked Series Notes: 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 Notes: A memory leak was fixed for stacked column fragments.
Data Chart	Improvement	Dynamically updated chart flickers Notes: 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 Notes: 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 Notes: 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.

Data Grid	Bug Fix	Child band expansion speed is slow when bound data is filtered DataView Notes: 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 Notes: Added DataItemUpdateTrigger property to the FieldSettings object. If not set this property resolves to 'OnLeaveCell' which will result in the existing behavior. 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.	

Data Tree	Bug Fix	Nodes are being checked and then unchecked when using drag and drop Notes: 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 Notes: 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

Data Tree	Bug Fix	An ObjectReference exception is thrown when a tree in a windows form is reloading the itemsource
		
		Notes:
		The issue is fixed.
		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.:
		
		this.uc1.backupNodeExpanded();
		this.uc1.reload();
		this.uc1.restoreNodeExpanded();
		//this.uc1.reload();

Date Time	Bug Fix	DateTime control not showing binding results until the control is in focus Notes: 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 Notes: 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

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Excel	New Functionality	NamedReference with OFFSET formula returns a null cell Notes: 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 Notes: 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 Notes: 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

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

Notes:
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

Notes:
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

Notes:
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. |

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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 Notes: 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 Notes: 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

SpellChecker	Bug Fix	SpellCheckerCompleted Event not firing when SpellChecking a RichTextBox Notes: 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

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