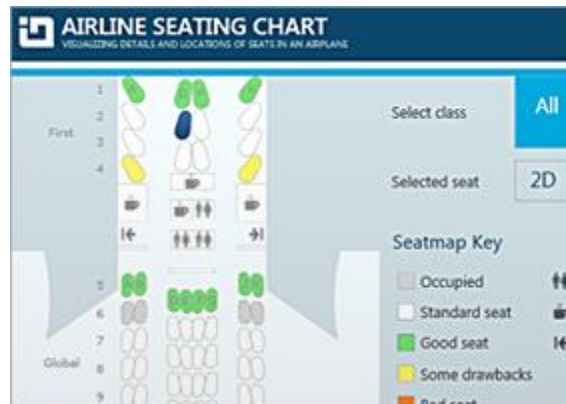




INFRAGISTICS WPF 16.1 – Service Release Notes – March 2017

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 WPF controls here.
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What's Changed

Work Item ID	Components	Product Impact	Resolved date	Description
229081	Color Picker	Breaking Change (Other)	1/11/2017	AdvancedColorShadePicker style captions are ignored. Notes: TemplateBinding of the following properties in the advanced color shade picker is changed to Binding - RedCaption, GreenCaption, BlueCaption, HueCaption, SaturationCaption, LightnessCaption, CyanCaption, MagentaCaption, YellowCaption, BlackCaption, AlphaCaption, OKCaption, CancelCaption. This change affects all the themes and the control default style defined in the generic.xaml.
230748	Combo Editor	Bug Fix	3/16/2017	XamComboEditor text overlaps with the dropdown button when the Office2013 Theme is applied.
185237	Combo Editor	Bug Fix	2/22/2017	XamComboEditor does not always open when MaxDropDownHeight is set to 0.
232160	Combo Editors	Bug Fix	2/8/2017	Memory leaks occurs when ObservableCollection bound to ItemsSource is re-created and then combo box is opened and closed.
232567	Context Menu	Bug Fix	2/16/2017	XamContextMenu throws an exception, when there are multiple UI threads.
233850	Context Menu	Bug Fix	3/9/2017	Unable to open XamContextMenu for second time, after closing the MessageBox in multi threads scenario.

230439	Data Chart	Bug Fix	3/21/2017	<p>GetSeriesValue returns minimum series value instead of NaN.</p> <p>Notes: An issue where GetSeriesValue would return double.NaN if you were past the last point on a date time x axis has been resolved.</p>
232631	Data Chart	Bug Fix	3/21/2017	<p>Chart is not rendered when setting an axis Angle.</p> <p>Notes: An issue was found where a layout cycle could occur when setting the AxisLabelSettings.Extent property. This has been corrected.</p>
230796	Data Chart	Bug Fix	3/15/2017	<p>NullReferenceException is thrown for tooltips when using OlapXAxis hosted in a Windows Forms application.</p> <p>Notes: A null reference exception, which occurred when using the WPF DataChart in a WinForms application, was fixed.</p>
231519	Data Chart	Bug Fix	3/17/2017	<p>Performance issue when using a CategoryDateTimeXAxis and setting an Angle and Extent.</p> <p>Notes: An issue was found where a layout cycle would occur in some scenarios when the AxisLabelSettings.Extent property was set to an explicit value. This has been corrected.</p>
229106	Data Grid	Bug Fix	12/13/2016	<p>XamDataGrid with external filtering throws an exception when the data source is refreshed.</p>
228776	Data Grid	Bug Fix	12/7/2016	<p>XamDataGrid crashes when FilterEvaluationMode is set to UseCollectionView and Color Enumeration is used.</p>
229647	Data Grid	Bug Fix	1/3/2017	<p>MouseDown event does not occur when IsTouchSupportEnabled is true and screen has high dpi.</p>

229881	Data Grid	Bug Fix	1/4/2017	Cell.IsDataChanged event returns true when exiting edit mode after tabbing into AddNewRecord when a combo editor is present.
230983	Data Grid	Bug Fix	2/1/2017	OverallCellPosition is not updated based on the position a Field is moved.
231441	Data Grid	Bug Fix	1/28/2017	Bool types do not display correctly in the filter summary when using cross-field filtering. Notes: Resolved an issue in the DataPresenter CrossFieldFilterDialog where the condition summary displayed at the bottom of the screen for 'OR' groups was incorrect.
231275	Data Grid	Bug Fix	2/1/2017	OverallCellPosition is not updated over LoadCustomizations.
230354	Data Grid	Bug Fix	2/3/2017	NullReferenceException occurs when moving an active cell by keyboard from a hidden field.
231448	Data Grid	Bug Fix	2/2/2017	IndexOutOfRangeException is thrown on Copy command after Undo command is executed.
231512	Data Grid	Bug Fix	2/1/2017	Fields are generated redundantly after fields are removed and added.
232353	Data Grid	Bug Fix	2/14/2017	Binding on the Field property is removed once the Field's Visibility is changed by Field Chooser.
232324	Data Grid	Bug Fix	2/23/2017	Tooltip for a filter icon on a filed header shows incorrect value after calling ClearCustomizations().
233168	Data Grid	Bug Fix	3/8/2017	Fields that are added after the FieldLayout.Fields.Clear() method are not displayed.
230245	Data Grid	Bug Fix	3/13/2017	Selected record style becomes visible for a moment while re-assigning data.
231318	Data Grid	Bug Fix	2/21/2017	Several stacked header fields remain after ClearCustomizations.
234085	Data Grid	Bug Fix	3/14/2017	The selected record blinks for a short period while re-assigning a newly created list object.
232379	Data Grid	Bug Fix	3/14/2017	On Windows 7, child FieldLayouts in the FieldChooser do not populate their Fields collection until a parent record has expanded.

229899	Data Grid	Bug Fix	2/28/2017	When FieldLayoutSettings.GroupByEvaluationMode is set to UseCollectionView, no summaries are calculated until groups are expanded.
233319	Data Grid	Bug Fix	3/2/2017	Pressed style remains even after the dragging of a header ends and LabelClickAction is "Nothing" and AllowFieldMoving is "No".
233615	Data Grid	Bug Fix	3/10/2017	Field order is not updated in the FieldChooser when the position of a Field is updated for the second time.
231656	Data Grid	Bug Fix	1/30/2017	Inconsistent tooltip behavior when adding CrossField filters through XAML versus adding through the cross-field filter dialog.
228483	Data Presenter	Bug Fix	12/7/2016	Filter drop down items are not populated when ITypedList is used and FilterEvaluationMode is "UseCollectionView".
230322	Data Presenter	Bug Fix	1/30/2017	Using a XamDataPresenter in a "Partial Trust" XBAP Application with "Internet" zone results in exception.
230378	Data Presenter	Bug Fix	1/30/2017	Using a XamDataPresenter in a "Full Trust" or "Partial Trust" with "Local Intranet" zone XBAP application, causes the FilterDialog to be cut when the browser window is smaller.
231213	Data Presenter	Bug Fix	2/1/2017	Sorting is not removed on the third click when multiple fields are sorted and LabelClickAction is set to SortByMultipleFieldsTriState.
231903	Data Presenter	Bug Fix	2/6/2017	Selected record is not being filtered in when the underlying data changes to meet the filter condition.
231513	Data Tree	Bug Fix	1/25/2017	ItemTemplate disappears after adding, removing and adding an item in ObservableCollection bound to ItemsSource.
231314	Data Tree	Bug Fix	2/9/2017	Nodes are missing when adding and removing from ObservableCollection.
227644	Data Tree	Bug Fix	2/9/2017	Active node is not or not fully scrolled into view when nodes have different heights.
206108	Data Tree	Bug Fix	11/30/2016	ActiveNode is cleared when a node is added or deleted from the layout of the active node.
233891	DataPresenter Field Chooser	Bug Fix	3/14/2017	Field Chooser is empty when binding DataGrid in a Button's Click event with AutoGenerateFields set to False.

230856	Date Time Editor	Bug Fix	3/14/2017	Cannot customize resource string with SetCustomizedString method when using the Office2013 theme. Notes: Updated TodayButton Binding.
227340	Diagram	Bug Fix	12/15/2016	NullReferenceException is thrown when ItemAdding is cancelled.
229562	Diagram	Bug Fix	1/5/2017	DiagramConnection editing does not auto select when the connection is data bound.
229545	Diagram	Bug Fix	2/8/2017	When editing the xamDiagram template in the Visual Studio design view, exception is thrown.
178917	Diagram	Bug Fix	12/19/2016	Runtime changes to DiagramConnectionPoints are not correctly reflected in the UI.
229546	Diagram	Bug Fix	12/14/2016	When creating a new Category collection, it does not override the default categories. Notes: Till now, if a DiagramToolboxCategory was added in the Categories collection, the default predefined categories – Base Shapes and Connections were not overridden as it was stated in the documentation. Now, if a DiagramToolboxCategory is added in the Categories collection in XAML, the predefined categories are not loaded.
229551	Diagram	Bug Fix	12/5/2016	AdvancedFocusTextBox does not respect the AcceptsReturn value of False.
229552	Diagram	Bug Fix	1/5/2017	Resizing a DiagramNode that is using NodeStyle & DisplayTemplate does not resize vertically, only horizontally.
234187	Dialog Window	Bug Fix	3/16/2017	TextBox does not allow input text and events are no longer fired in a Popup that is located in a modal XamDialogWindow.
234425	Dialog Window	Bug Fix	3/21/2017	Control does not render correctly when placed in a MinimizedPanel and StartupPosition = Center.

231871	Dock Manager	Bug Fix	3/1/2017	Invisible panes cannot be selected from the TabGroupPane's smart tag in the VS designer window.
231629	Dock Manager	Bug Fix	3/1/2017	XamDockManager floating pane with non-Visual derived element (e.g. a Run) throws InvalidOperationException when the right mouse button is clicked.
231637	Dock Manager	Bug Fix	3/1/2017	[WinFormsHost] - Double Key Action required to set focus to DockManager and its panes.
230040	DockManager	Bug Fix	1/27/2017	ToolWindow throws InvalidOperationException when right clicking a non-Visual or non-Visual3D element that exists inside.
230471	Drag and Drop Framework	Bug Fix	1/3/2017	NullReferenceException occurs when dragging in a WPF application hosted in a WinForms application.
233104	Editors	Bug Fix	3/14/2017	Highlight color differs between editors while in edit-mode. Notes: Selection Brush Color Updated.
230426	Excel	Bug Fix	2/6/2017	CellFormat changes after inserting a WorksheetRow.
233723	Excel	Bug Fix	3/13/2017	Excel Engine throws an exception when a memory stream is used to load a workbook.
232062	Excel	Bug Fix	3/17/2017	Workbooks with hyperlinks cannot be loaded when reference style is set to "R1C1".
233665	Formula Editor	Bug Fix	3/6/2017	No XamFormulaEditor NuGet package exists for the latest service release of 16.1.
232200	Gantt	Bug Fix	3/20/2017	When using a ListBackedProject, if Predecessors does not implement INotifyPropertyChanged, InvalidOperationException is thrown.
230789	Gantt	Bug Fix	3/1/2017	Copying and pasting of the Duration, Start and End columns to clipboard results in the string format of those columns being pasted.

229455	Geographic Map	Bug Fix	1/19/2017	Longitude calculation using the GetGeographicPoint method is incorrect after resizing window. Notes: There was an issue using the scaling functions, such as GetGeographicPoint, on the GeographicMap after resizing the window. This has been corrected.
233150	Geographic Map	Bug Fix	3/16/2017	When quickly resizing the containing window of the map, sometimes the points disappear. Notes: An issue was found where SymbolSeries would improperly cull markers after resizing. This has been corrected.
234133	Grid	Bug Fix	3/19/2017	Unhandled Exception is thrown when a custom filter is repeatedly applied and cleared.
232833	Grid	Bug Fix	2/22/2017	The Column Value Converter stops working if the touch keyboard is ON.
229884	Grid	Bug Fix	12/9/2016	Filter text editor does not accept text input when other application gets focus.
213930	Grid	Bug Fix	12/14/2016	GroupColumn columns' headers disappear if ItemsSource is set to Null.
230638	Grid	Bug Fix	1/5/2017	NullReferenceException is thrown when a parent row is expanded to show a child band.
174667	Grid	Bug Fix	11/29/2016	Memory leak occurs when clearing the xamGrid ItemsSource.
215852	Grid	Bug Fix	12/7/2016	Application gets busy with no response when an item is dragged from XamGrid and dropped to desktop by using DoDragDrop on Windows 10.
230746	Grid	Bug Fix	1/6/2017	XamGrid summary popup keeps shown over every other visual element in Windows.
230449	Grid	Bug Fix	1/5/2017	SortAndPinIndicators element has relatively big right margin when using Office2013 theme. Notes: The margin of the element was reduced.

230981	Grid	Bug Fix	1/16/2017	FilterValue column on FilterGrid becomes collapsed when the IG theme is applied.
230980	Grid	Bug Fix	1/23/2017	Condition expression is not updated on CompoundFilterDialogControl.
231727	Grid	Bug Fix	1/30/2017	Header row of the grid is not taken into account when the grid's ItemsSource is empty.
230649	Grid	Bug Fix	2/1/2017	Unexpected vertical scrolling occurs when a column header border is double clicked.
229092	Grid	Bug Fix	2/1/2017	Vertical scroll position is not synchronized with the row position.
221940	Grid	Bug Fix	2/8/2017	[Horizontal Scrolling] Child band columns are not horizontally scrolled together when GroupBy column is set and the rows are expanded.
233764	Grid	Bug Fix	3/8/2017	Japanese characters cannot be directly entered into a filter cell if the Metro Dark theme is applied.
234262	Grid	Bug Fix	3/17/2017	Strange result occurs when a filter is applied and accepted again without checking/unchecking the items.
229389	Grid	Bug Fix	3/17/2017	The overlay set when the custom dialog window is open, hides the xamGrid when the Office 2013 or the Royal Dark theme is applied.
229245	Grid	Bug Fix	11/29/2016	Converting certain characters in the IME suggestion list causes the filter dialog to close early.
229247	Grid	Bug Fix	11/30/2016	Long text causes inconsistent behaviour in the layout of the filter dialog.
186242	Grid	Bug Fix	12/15/2016	Column moving is not working when XamGrid is placed inside a TabControl which in turn is placed inside TemplateColumnLayout and GroupBy is set on the main grid.
188396	Grid	Bug Fix	12/15/2016	Group columns sometimes are not rendered correctly.
186403	Grid	Bug Fix	1/12/2017	Columns can't be moved when AddNewRow is in edit mode and XamGrid is subscribed for CellEditingValidationFailed event.
209977	Grid	Bug Fix	1/11/2017	No exception is thrown when adding a new row and when the grid is bound to an IEnumerable collection.
231274	Grid	Bug Fix	1/30/2017	[Horizontal Scrolling] Header columns and data columns lose their alignment when column width is changed.

230396	Grid	Bug Fix	2/13/2017	Deleting a row in XamGrid throws an exception if the application is run in a PartialTrust environment.
232866	Grid	Bug Fix	3/20/2017	CellControlAttached event is not fired correctly when the grid is bound to hierarchical data.
233142	Grid	Bug Fix	3/6/2017	FilterMenu cannot be closed via the OK button after a checkbox was checked/unchecked.
234493	Grid	Bug Fix	3/22/2017	StackOverflow exception is thrown when sorting an empty grid prior to loading CollectionView and ObservableCollection of objects.
228057	Installers	Bug Fix	11/3/2016	No Nuget package exists for the XamScatterSurface3D chart. Notes: A nuget package for XamSurfaceChart3D dll has been created.
233410	Menu	Bug Fix	3/1/2017	NullReferenceException occurs when a click event is invoked by the Enter key and menu items are cleared in the click event handler.
229829	Multi Column Combo	Bug Fix	12/21/2016	Multi Column Combo drop-down does not open.
229833	Multi Column Combo	Bug Fix	12/20/2016	InvalidOperationException is thrown when the control is placed in XamDataGrid and pressing Enter/Return to commit value.
233253	Multi Column Combo	Bug Fix	3/20/2017	SelectedItems are reverted to the previous ones when the last item is unselected and the combo loses focus by [Tab] key.
226312	NetAdvantage\XAML	Bug Fix	10/31/2016	NuGet packages do not include resources.dll's for de, es, and fr.
231242	NetAdvantage\XAML	Bug Fix	3/15/2017	When theming a WPF ComboBox and setting IsTabStop to false, the combo can still be focused by tab navigation. Notes: Added IsTabStop="False" wherever needed.
211449	Numeric Input	Bug Fix	9/23/2016	Digits are not entered in the correct order when using XamNumericInput with Google PinYin input tool.
205460	Pivot Grid	Bug Fix	9/19/2016	PivotDataSlicer performance issue when selecting/unselecting 18,484 items.

229149	Pivot Grid	Bug Fix	11/28/2016	Scroll position is lost when collapsing a parent column when its children are out of view.
229535	Pivot Grid	Bug Fix	12/13/2016	Wrong result is shown when a value filter is applied and expanded.
231528	Pivot Grid	Bug Fix	1/26/2017	NullReferenceException is thrown when removing data slicers after saving customizations.
229371	Pivot Grid	Bug Fix	11/30/2016	Exception occurs when LoadedHierarchies is modified during enumeration in a separate thread.
230941	Pivot Grid	Bug Fix	1/24/2017	NullReferenceException is thrown when a report preview is being generated.
223719	Pivot Grid	Bug Fix	2/13/2017	Filter measures' filter values do not respect the underlying data source after being edited.
232412	Pivot Grid	Bug Fix	2/14/2017	A binding error is thrown in the Output window when FlatDataSource is used.
232158	Pivot Grid	Bug Fix	2/6/2017	LoadCustomizations() fails silently without firing a callback action when an input file containing an item that does not exist in the current pivot DataSource is loaded.
230944	Property Grid	Bug Fix	2/2/2017	Object's Property Setter is invoked twice each time the property is set when SelectedObjects is used.
				<p>Notes: Resolved an issue in the XamPropertyGrid when multiple object instances are set on the control's SelectedObjects property. In this scenario, any plain CLR property on the object instances would be set twice (with the same value) instead of just once, whenever the property was modified in the XamPropertyGrid. This issue did not manifest itself with DependencyProperty type properties since property changed callbacks are only invoked if the value being set is different than the current value.</p>

231830	Property Grid	Bug Fix	2/3/2017	Expansion indicators are clipped when the width is too small. Notes: Resolved an issue in the XamPropertyGrid which caused the ListEntryDescription for list-type properties to overlay the AddListEntry button when the control was sized to narrowly to display all content. The AddListEntry button now overlays the ListEntryDescription in this scenario.
228349	Property Grid	Bug Fix	11/28/2016	Brush resources tree view is not styled for all themes.

230427	Property Grid	Bug Fix	2/3/2017	The inner properties are not displayed when a custom EditTemplate is set.
				<p>Notes: Resolved an issue in the XamPropertyGrid where specifying an EditorDefinition on an expandable property would remove the ability for the property to expand/collapse. In order to preserve the expand/collapse behavior on an expandable proeprty that has an EditorDefinition applied you must set the new AllowExpansionWhenUsingCustomEditor property on the associated PropertyGridPropertyItem to true as shown in this example:</p>
				<pre>xamPropertyGrid1.PropertiesGenerated += (s,e) => { Infragistics.Controls.Editors.PropertyGridPropertyItem myExpandableProperty = xamPropertyGrid1.FindPropertyItem(xamPropertyGrid1.SelectedObject, "MyExpandableProperty"); if (null != myExpandableProperty) myExpandableProperty.AllowExpansionWhenUsingCustomEditor = true; };</pre>
234411	Property Grid	Bug Fix	3/23/2017	IndexOutOfRangeException exception occurs when editing a collection after deleting items and the collection does not implement INotifyCollectionChanged.
				<p>Notes: Resolved an issue in the xamPropertyGrid, which resulted in an 'Index out of range' exception when modifying the value of a property that represents a list entry after previously removing a list entry with a lower index from the same list.</p>

231872	Property Grid	Bug Fix	3/23/2017	The brush resource tree view scrollbar is cut for some themes.
232382	Property Grid	Improvement	2/15/2017	When the XamPropertyGrid Brush editor is displayed, users can resize the underlying property grid column, but should not be able to.
231341	Reporting	Bug Fix	1/20/2017	PageImageableAreaExtent returns the same value irrespective of the PageMediaSize specified.
231954	Ribbon	Bug Fix	2/1/2017	NullReferenceException is thrown at ReleaseExternalResizeWindows.
230226	Ribbon	Bug Fix	3/14/2017	The ComboBoxItem style currently has a hard-coded Height of 22 where MinHeight should be set in the Office2013 theme. Notes: Updated Setter.
233153	Ribbon	Bug Fix	3/3/2017	When XamDockManager is present with a ContentPane focused and the ribbon is minimized, activating a menu-tool's keytip throws System.ArgumentNullException.
233308	Ribbon	Bug Fix	3/2/2017	Image path coercion throws exception for ButtonTools added programmatically when their command's CanExecute returns false.
224848	Ribbon	Bug Fix	3/17/2017	The KeyTips in XamRibbon are incorrectly styled when using XamRibbonWindow with RibbonWindowContentHost and Metro Dark theme is applied.
232352	Ribbon	Bug Fix	3/17/2017	The Minimize and Maximize buttons disappear when the window is disabled and the Office2013 theme is used. Notes: Added an additional condition to check if the parent template of the buttons is enabled.
232113	Ribbon	Bug Fix	3/17/2017	ApplicationMenu2010 does not function properly when the Windows theme is High Contrast Black.
231166	Rich Text Editor	Bug Fix	3/22/2017	When span tags are present, HTML highlighting settings are not restored correctly.

224537	Rich Text Editor	Improvement	1/10/2017	ParagraphSpacingSettings can't be set in XAML. Notes: Added TypeConverters in WPF for several immutable structures in RichTextDocument so they could be specified via strings in XAML, including Extent,, Indentation FirstLineIndentation, LineSpacing, ParagraphVerticalSpacing, Shading, TableExtent, TableRowHeight and TextFrameHeight.
171081	Schedule	Bug Fix	1/5/2017	Recurrence text is not visible or localized when culture is other than en-US.
233349	Schedule Day View	Bug Fix	3/14/2017	XamSchedule DayView's UP scroll button is not fully clickable when the Office2013 theme is applied. Notes: Updated ScheduleResizerBar Margins.
210097	Slider	Bug Fix	12/15/2016	Thumb doesn't always snap to tick marks.
229196	Slider	Bug Fix	12/2/2016	Value property becomes 0 when this property is initially set to double.NaN and SnapToTickEnabled is true.
233483	Tab Control	Bug Fix	3/15/2017	Content is transparent when a Metro theme is applied. Notes: Updated TabItem Text Fill.
228718	Themes	Bug Fix	3/14/2017	Labels' FontSize is too small in the Metro and Metro Dark themes. Notes: Updated Label Size to 14.667.
230485	Themes	Bug Fix	3/14/2017	When a toggle button is unchecked, its content is collapsed when the Metro Dark theme is applied.

Notes: Updated ToggleButtonStyle Layout and VisualStates.				
231163	Themes	Bug Fix	3/14/2017	Tab stops on ContentControl inside a MS Button when the IG-related theme is applied.
Notes: Added Focusable="False".				
230813	Tile Manager	Bug Fix	2/9/2017	A tile does not appear after the tile height is changed.
230849	Tile Manager	Bug Fix	2/16/2017	Title bar of a tile behind does not appear if NormalModeSettings TileLayoutOrder is VerticalVariable.
230726	Tile Manager	Bug Fix	3/2/2017	Tile rotates infinitely on horizontal scroll.
231935	Timeline	Bug Fix	3/14/2017	When placed in XamDockManager, parent pane floating causes NullReferenceException.
Notes: A null reference exception was corrected in the Timeline.				
230613	Tree Grid	Bug Fix	1/24/2017	Cannot change the theme using ApplicationTheme or SetTheme.
234335	Windows	Bug Fix	3/19/2017	Popup is moved out of position when a resize operation starts if the screen DPI is not 100%.