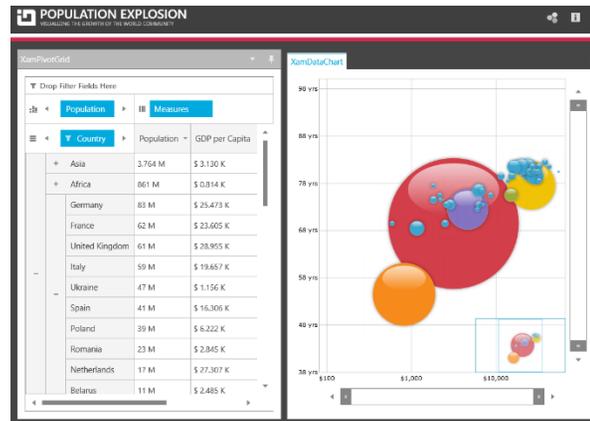
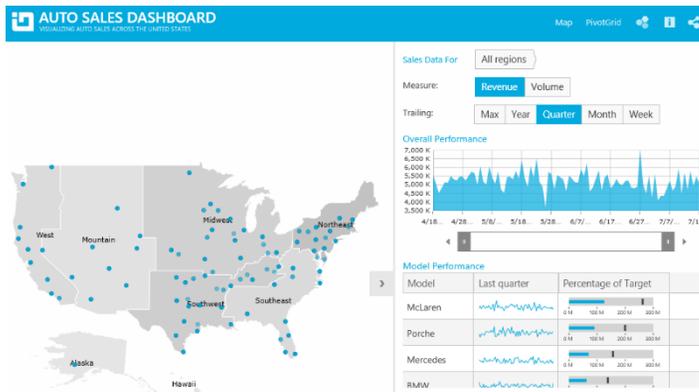




INFRAGISTICS WPF 15.2 – Volume Release Notes – 2015

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 Controls for WPF here.
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What's New

Component	Feature Name	Descriptions
Infragistics Excel Library	Operating with worksheet table rows and columns	The data model of the library now supports inserting and deleting of worksheet table's rows and columns.
Infragistics Syntax Parsing Engine	Syntax tree created event	The parsing engine now supports an event which is raised after the syntax tree is created and before it is returned to the text document.
xamBusyIndicator	New control	The xamBusyIndicator is a ContentControl that provides visual notification that a long-running activity has started as well as displays the actual progress.
xamComboEditor	Handling enum data type	The xamComboEditor now supports customization of the process of populating the dropdown when bound to an enum data type.
xamDataChart	Major and Minor Axis Intervals	The xamDataChart now supports both Major and Minor intervals which are displayed perpendicular to its axes.

xamDataChart	Legend Title and Items Font	The xamDataChart's Legend, ItemsLegend and ScaleLegend now supports configuration of its font appearances.
xamDataGrid	Clear filter button	The xamDataGrid's clear filter button is now rendered disabled (semitransparent) when there is no active filter set.
xamDataGrid	Excel style filtering dialog	The xamDataGrid control now supports an Excel style filtering UI in the FilterRecord by setting the FilterOperandUIType property to FilterOperandUIType.ExcelStyle.
xamDataPresenter	Apply templates conditionally	The data presenter controls now support the ability to set conditionally display and edit templates for cells.
xamDataPresenter	Enhanced data validation support	The data presenter controls now support data items implementing the INotifyDataErrorInfo interface.
xamDataPresenter	Data source changed event	The data presenter controls now raise an event when the DataSource property has changed.
xamPropertyGrid	Custom editors for expandable types	The xamPropertyGrid control now supports custom editors for expandable properties which also remove the collection's nested elements list.
xamPropertyGrid	Customizing expandable properties	The xamPropertyGrid control now supports ways to customize the rendering of the expandable properties.
xamPropertyGrid	Mergable property attribute support	The xamPropertyGrid control now supports an attribute for excluding combined properties when bound to multiple objects.
xamPropertyGrid	Properties list sorting	The xamPropertyGrid control now supports declarative and programmatic ways for sorting (reordering) the properties list and its categories.

xamRichTextEditor	Obtain text insert location from point	The xamRichTextEditor control now supports a method for obtaining the nearest valid text insertion location from the supplied point. The point should be relative to the xamRichTextEditor control.
xamSpreadsheet	Data validation	The xamSpreadsheet control now supports data validation based on rules set on the worksheet's cells.

What's Changed

Components	Product Impact	Description
Calculation Manager and Data Grid Integration	Bug Fix	Deleting a formula in Formula Editor targeting Field does not clear the Field cell values.
Combo Editor	Bug Fix	InvalidOperationException is thrown on pressing a keyboard key when the control is not focused.
Combo Editor	Bug Fix	InvalidOperationException is thrown when the INotifyDataErrorInfo interface is implemented and the IG theme is applied. Notes: Missing XAML elements and visual states added to prevent the exception.
Combo Editor	Bug Fix	Dropdown is displayed in the top left corner when first displayed if INotifyDataErrorInfo is used for validation.

Combo Editor	Bug Fix	<p>Poor performance when selecting all the items of a large ItemsSource.</p> <p>Notes: Currently selection of a large number of items one by one is still slow. Fortunately, we have optimized the case when the SelectedItems collection is recreated with the items that should be selected. This approach provides a very fast method to select multiple items at once.</p> <p>Example:</p> <pre>private void SelectAll() { // very fast method to select all items this.SelectedItems = new ObservableCollection<object>(this.ItemsSource.Cast<object>()); // slow method to select all items //foreach (var x in Items) //{ // x.IsSelected = true; //} }</pre>
Combo Editor	Bug Fix	NullReferenceException is thrown when one editor is focused and another editor is added in separate UserControl.
Combo Editors	Bug Fix	Combo Editor popup is aligned to the left when the handedness is set to right-handed.
Context Menu	Bug Fix	Sometimes the popup flickers on the right side of the cursor.
Context Menu	Bug Fix	Cascading menu opens in the wrong direction, when setting the browser zoom to more than 100%.
Control Persistence Framework	Bug Fix	ContextMenu is being persisted regardless of SavePersistenceOptions being set to "OnlySpecified." There is an error in the loading of the context menu after that.
Control Persistence Framework	Bug Fix	ArgumentNullException occurs in the output window in debug mode when persisting the xamGrid control and SavePersistenceOptions="AllButIgnored".

Data Chart	Bug Fix	Null property changed event args parameters are not respected by the chart.
Data Chart	Bug Fix	Dark Grey Text on Black background appears for Legend when the Metro Dark theme is applied.
Data Chart	Bug Fix	ArgumentException occurs when using the mouse wheel to scroll up and down.
Data Chart	Bug Fix	SeriesMouseLeftButtonUp does not fire when the user clicks on the series.
Data Grid	Bug Fix	InvalidOperationException is thrown when resizing XamDataGrid during report printing.
Data Grid	Bug Fix	NullReferenceException is thrown when the properties from data source change rapidly.
Data Grid	Bug Fix	Visible record index is not updated after cell value is changed to fail a filter.
Data Grid	Bug Fix	NullReferenceException is thrown when a field with formula has been removed and the control is exported to excel.
Data Grid	Bug Fix	Setting CellVisibilityWhenGrouped to Hidden doesn't hide the Cell, only the label.
Data Grid	Bug Fix	ArgumentException is thrown when a custom filter (Bottom operator without an operand) is applied and then cleared.
Data Grid	Bug Fix	Japanese IME behavior is different in two Grids when using excel style filter
		Notes: The RecordFilterTreeControl will focus the associated HWND if the search textbox is given keyboard focus when IME is on. Note, this will cause the associated Window to be deactivated.
Data Grid	Bug Fix	Custom Filter Selection dialog is opened twice from the filter dropdown.

Data Grid

Bug Fix

Intermittent threading issues appear when using `BindingOperations.EnableCollectionSynchronization`.

Notes:

In version 4.5 of the .NET framework Microsoft added support for cross thread updating and access of a collection via the `BindingOperations' EnableCollectionSynchronization` and `AccessCollection` methods. The `DataPresenter` family of controls now support this as long as the `DataSource` property is set to a `CollectionView`, e.g.:

```
var list = new ObservableCollection<MyClass>();
```

```
var lockingObj = new object();
```

```
// Call EnableCollectionSynchronization on the UI thread  
BindingOperations.EnableCollectionSynchronization(list, lockingObj);
```

```
// Note: that XamDataGrid will only support cross-thread updating if the list is in a  
CollectionView
```

```
XamDataGrid1.DataSource = CollectionViewSource.GetDefaultView(list);
```

```
// perform updating of the collection on a background thread using locks
```

```
Task.Run(new Action(() =>
```

```
{
```

```
    // lock using the same locking object that was passed into EnableCollectionSynchronization
```

```
    // above on the UI thread
```

```
    lock(lockingObj)
```

```
    {
```

```
        list.Add(new MyClass());
```

```
    }
```

```
});
```

```
// Alternatively, you can perform updating of the collection on a background thread using
AccessCollection, e.g.:
Task.Run(new Action(() =>
{
    // Since we will be calling AccessCollection on this thread we need to first call
    // EnableCollectionSynchronization with the same locking object. This needs to be done
    // on every thread that intends to call BindingOperations.AccessCollection
    BindingOperations.EnableCollectionSynchronization(list, lockingObj);

    // calling AccessCollection will wrap the action in a synchronization lock
    BindingOperations.AccessCollection(list, new Action(() =>
    {
        list.Add(new MyClass());
    }), true);
}));
```

Data Grid	Bug Fix	Memory issue occurs when updating the DataSource from other Tab.
Data Grid	Bug Fix	Invalid Operation Exception is thrown when expanding/collapsing child records.
Data Grid	Bug Fix	Cells on DateTimeField are marked as error if the TimeSpan data is bound.
Data Grid	Improvement	<p>Record caching is only applied to groupby and summary scenarios.</p> <p>Notes:</p> <p>Optimization - Added RetainDeactivatedContainersPermanently value to RecordContainerRetentionMode enum in xamDataGrid. Note: RecordPresenters are still only recycled between records from the same FieldLayout. However, if the application scenario is one where the DataSource is being switched back and forth e.g. from a list of items of Class1 to a list of items of Class2 this setting can be useful as long as the FieldLayouts collection is not cleared before each switch.</p> <p>Also note that this property is ignored unless GridView is used and GridViewSettings.UseNestedPanels is not set to 'True'.</p>
Data Grid	Bug Fix	Multiple Selection is disabled when DataSource is changed.
Data Presenter	Bug Fix	Setting KeyMatchEnforced to True is ignoring the fieldLayout which should be applied.
Data Presenter Excel Exporting	Bug Fix	Border style is not fully applied for a cell from a column header which takes two column spans.
Data Presenter Excel Exporting	Bug Fix	Exporting XamDataGrid to excel asynchronously never completes after exporting with a file open.
Data Tree	Bug Fix	Nodes are misplaced when using checkboxes after collapse and re-expansion.
Data Tree	Bug Fix	Data Tree leaks node objects when the ItemsSource is set to null.
Date Time Editor	Bug Fix	Year isn't updated correctly when user selects a date from the calendar if the mask doesn't include year section.
Date Time Input	Bug Fix	Memory leak appears with page navigation and theme.
Diagram	Bug Fix	OPD Zoom in/zoom out buttons are not synchronized with the zoom level of the diagram.
Diagram	Bug Fix	NullReferenceException is thrown in the SelectionChanged event when showing a message box and dragging a node.
Dialog Window	Bug Fix	Cannot open a context menu when IsModal = true.

Dialog Window	Bug Fix	The newly opened dialog window goes under the existing dialog window.
Dialog Window	Bug Fix	Modal dialog prevents other WPF windows from being used.
Dock Manager	Bug Fix	The number of ContentPane increases after SaveLayout and LoadLayout.
Dock Manager	Bug Fix	ArgumentException is thrown when resizing SplitPane with many panes docked inside it when DocumentContentHost is presented.
Dock Manager	Bug Fix	The docking indicators are hidden when attempting to dock if the Window containing the XamDockManager has its Topmost property set to True.
Donut Chart	Bug Fix	Memory leak detected when DataContext is continuously reset. Notes: The way donut chart handled the slices creation caused memory leak when the items source had changed.
Donut Chart	Bug Fix	Memory leak appears in XamDoughnutChart. Notes: The way donut chart handles the slices creation causes memory leak when the items source is changed.
Excel	Bug Fix	Excel framework formula produces #NAME? error when opened in Excel.
Excel	Bug Fix	ArgumentException is thrown when loading an XLS file into a workbook.
Formula Editor	Bug Fix	Formula Editor memory leak appears when switching views. Notes: Resolved an issue in the XamFormulaEditor which could cause a rooting issue in Silverlight if the control was unloaded and loaded multiple times.

Formula Editor	Bug Fix	<p>Initial value of the property bound to Formula property does not show.</p> <p>Notes: As part of this fix is added an <code>IsVisibleInFormulaEditorDialog</code> bool? property to the <code>ControlCalculationSettings</code> class. By default now elements inside templates will not be displayed in the <code>FormulaEditorDialog</code> unless the <code>XamCalculationManager</code> instance has the same <code>TemplatedParent</code>. The new property is exposed so an application can override this default behavior.</p>
Grid	Bug Fix	Columns cannot be moved by drag and drop.
Grid	Bug Fix	The header caption disappears when a group column's resize indicator is double clicked.
Grid	Bug Fix	<code>NullReferenceException</code> is thrown when a new row with null value is added and filtering was applied.
Grid	Bug Fix	Only the items of the grid that the user is operating on are displayed as filter items.
Grid	Bug Fix	<code>NullPointerException</code> is thrown sometimes when the grid is filtered.
Masked Input	Breaking Change (API)	<p>Behavior of the Masked Input control with <code>ValueConstraint</code> of <code>Nullable="False"</code> differs from documentation.</p> <p>Notes: There is a new value in the <code>InvalidValueBehavior</code> enumeration – <code>"DisplayErrorMessageAndRevertValue"</code>, which is now the default value. While the <code>DisplayErrorMessage</code> retains the value, this one reverts it.</p>
Masked Input	Bug Fix	<p>A small number is not accepted if the caret is on the right side of the last digit.</p> <p>Notes: Resolved an issue in the <code>XamMaskedInput</code> and <code>XamNumericInput</code> controls where placing the caret to the right of the rightmost fractional digit and pressing a number key would not result in the number being accepted and displayed when there were 1 or more 'empty' fractional digit locations.</p>
Masked Input	Bug Fix	Pasting is allowed when <code>IsReadOnly</code> property is set to <code>True</code> .

Menu	Bug Fix	Menu item does not open correctly when the zoom level of the browser is set to more than 100%.
Multi Column Combo	Bug Fix	Multi Column Combo Editor filter popup has wrong Height.
Multi Column Combo	Bug Fix	<p>Popup opens in the left top corner of the screen on initial load when IDataErrorInfo is implemented.</p> <p>Notes: This issue is caused by a bug in WPF. For more information see the following thread: http://msdn.developer-works.com/article/11398341/WPF+tooltips+and+comboboxes+are+in+top+left+corner</p>
Multi Column Combo	Bug Fix	No data loaded when all TextComboColumns have Width property set to "*".
Multi Column Combo	Bug Fix	Adding a footer to the multi column combo editor causes a blue bar to appear when filtering.
Pivot Grid	Bug Fix	Slow Pivot Grid performance when loading data from XmlaDataSource.
Pivot Grid	Bug Fix	An item in the dataselector can't be dragged when using the Office2010Blue Theme.
Pivot Grid	Bug Fix	Performance issue occurs when loading 100000 items through FlatDataSource.
Pivot Grid	Bug Fix	<p>TargetInvocation exception is thrown when there are DBNull columns.</p> <p>Notes: When there is not data for the cube last updated time and last processed time, the adomd data provider failed to load a cube from the database.</p>
Pivot Grid	Bug Fix	<p>After loading customizations on a large XmlaDataSource, the wrong number of dimensions is shown.</p> <p>Notes: When there are more than 2 stored filters in the predefined file, it was possible to load all filter members at same time. So due to the limit of 2 connection to the server at the same time, we limited the number of requests to 2.</p>

Pivot Grid	Bug Fix	<p>After loading customizations of a large XmlDataSource, the expandable dimensions in the same row as the filtered in dimension do not expand correctly.</p> <p>Notes: Fixed issue where in some cases the data source did not expand hierarchy when an advanced filter is applied.</p>
Pivot Grid	Bug Fix	<p>After loading customizations on a large XmlDataSource, the removal of a dimension occasionally does not work correctly.</p> <p>Notes: Fixed issue where in some cases the data source did not expand hierarchy when an advanced filter is applied.</p>
Pivot Grid	Bug Fix	<p>After loading customizations on a large XmlDataSource, the removal of a filter is not working correctly.</p> <p>Notes: Fixed issue where in some cases the data source did not expand hierarchy when an advanced filter is applied.</p>
Property Grid	Bug Fix	<p>Combo Box does not contain the correct items (values).</p> <p>Notes: Resolved an issue in the XamPropertyGrid that occurred when a property on the SelectedObject had a TypeConverter that returned a list of StandardValues. In this case, if the SelectedObject had another property of the same Type as the first property, and that property also had a TypeConverter which returned StandardValues, the second property would show the SAME StandardValues as the first property in editor's dropdown.</p>
Reporting	Bug Fix	The page is not properly displayed when it has landscape orientation.
Reporting	Bug Fix	Exporting a report to XPS does not use the PageMediaSize setting.

Reporting	New Functionality	<p>It is not possible to set the print job description when printing a report silently.</p> <p>Notes: Added a property to the ReportSettings class called PrintJobDescription. Setting this property before printing a report will change the description used in the print queue dialog.</p> <p>Ex:</p> <pre>Report reportObj = new Report(); reportObj.ReportSettings.PrintJobDescription = "My Printed Report";</pre>
Ribbon	Bug Fix	TextEditorTool loses value after opening a collapsed version.
Ribbon	Bug Fix	XamRibbonWindow has a strange border when maximized on Win8 and above
Ribbon	Bug Fix	Error message appears when the QuickAccessToolBarLocation property is set to BelowRibbon and the Theme property is set.
Ribbon	Bug Fix	Close, minimize and maximized buttons and title are not shown when the Office2013 theme is used and IsOpen property of ApplicationMenu2010 is set to true.
Rich Text Editor	Bug Fix	<p>The caret does not change its style when typing some content with styles (like Italic, Subscript and etc.).</p> <p>Notes: Resolved an issue in the XamRichTextEditor where the Caret was not being rendered at a slight 'forward' angle when it was at a character position formatted as italic.</p>
Rich Text Editor	Bug Fix	Deselecting the paragraph marked via the mouse is deselecting also the last character.
Rich Text Editor	Bug Fix	<p>Pasted HTML with empty row adds a large empty row in the rich text editor.</p> <p>Notes: Fixed bug in Html serializer that was adding extra before and after paragraph spacing when de-serializing table cells with no content.</p>

Rich Text Editor	Bug Fix	The GetPositionFromPoint method returns null when the editor is zoomed in few times.
Rich Text Editor	Bug Fix	The GetPositionFromPoint method returns null in a paragraph with a drop cap.
Rich Text Editor	Bug Fix	The GetPositionFromPoint method returns null when the SnapToText is set to true and the point is 0 or not within the control's boundaries.
Rich Text Editor	Bug Fix	The GetPositionFromPoint method returns null for text in the table cells.
Rich Text Editor	Bug Fix	<p>The opening of an empty document is throwing an exception.</p> <p>Notes: Resolved an issue in RichTextDocument which resulted in an exception being thrown when opening a document with zero length contents. Now no exception is thrown and an empty document is returned.</p>
Schedule	Bug Fix	<p>Reminders do not open when AppointmentItemsSource is set after the schedule initialization is complete.</p> <p>Notes: Resolved an issue in XamSchedule where the reminder dialog was not displaying for Appointments that were created in code and added to the associated DataConnector's AppointmentItemsSource if the DataConnector's AppointmentItemsSource property was set AFTER the XamScheduleDataManager was loaded/initialized and IMMEDIATELY BEFORE the Appointment was added to the AppointmentItemsSource.</p>
Schedule	Bug Fix	Empty Item appears in dropdown in RecurrenceDialog.
Schedule	Bug Fix	Confusing message appears for yearly recurrence.
Schedule Outlook Calendar View	Bug Fix	DateNavigator is not synchronized with XamOutlookCalendarView.
Slider	Bug Fix	Thumbs cannot be moved when the thumb values are equal and InteractionMode is Lock.
Spread Sheet	Bug Fix	Changing the zoom level of the Spreadsheet when the headers are hidden is throwing an exception.
Spread Sheet	Bug Fix	The Workbook property of the xamSpreadsheet cannot be bound in a DataTemplate.
Spread Sheet	Bug Fix	Typo in the methods for deleting in the WorsheetTable.

Syntax Editor	Bug Fix	<p>Binding expression error: "'TextOptions' property not found" on startup.</p> <p>Notes: Resolved an issue in the WPF version of the XamSyntaxEditor which resulted in a BindingExpression error for the 'TextOptions' property appearing in the Visual Studio output window. The error no longer appears.</p>
Syntax Editor	Improvement	<p>The squiggly for an added diagnostic is not shown when the length of the TextSpan is greater than the length of the line.</p> <p>Notes: Added support for multi-line syntax error adornments in the XamSyntaxEditor. Also resolved an issue in the XamSyntaxEditor when modifying text to correct an existing syntax error that sometimes resulted in a flicker, with the error squiggly disappearing upon typing but reappearing briefly before disappearing for good.</p>
Tile Manager	Bug Fix	The Tile does not stick to the mouse pointer while dragging.
Tree Grid	Bug Fix	<p>XamlParseException is thrown when a style for TreeCellValuePresenter is applied and the ScrollingMode property is set to DeferredWithScrollTips.</p> <p>Notes: Modified the default DataTemplate for the RecordScrollTipInfo class to contain both a CellValuePresenter and a TreeCellValuePresenter that are collapsed by default. DataTriggers are now used to make one or the other visible.</p>
Tree Grid	Bug Fix	Filter menu flickers the first time when the user tries to open it.
Tree Grid	Bug Fix	Fields are not being created after the items in the collection that is set for DataSource, are cleared and then new items are added to that collection.