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| C:\Work\NetAdvantage\DEV\XAML\2014.2\Samples\XAML\Showcase.Apps\IGExtensions.Common\Images\apps\IgAppWhite.png | INFRAGISTICS WPF 16.1 – Service Release Notes – December 2016  |

**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

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| Downloading | [Download WPF controls here.](http://www.infragistics.com/products/wpf#Downloads) |

# What’s Changed

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| **Work Item ID** | **Components** | **Product Impact** | **Resolved date** | **Description** |
| 211421 | Busy Indicator | Bug Fix | 11/29/2016 | Inconsistency in the assembly mapping for the primitives of the control.Notes:In order to resolve this, we had to modify the namespace mappings for the types from the Infragistics.Controls.Interactions.Primitives namespace defined in the Infragistics.Windows dll. These are mostly related to the Busy Indicator. We moved them from the http://schemas.infragistics.com/xaml to the http://schemas.infragistics.com/xaml/primitives namespace. This unfortunately constitutes a breaking change, but it was necessary to fix this. |
| 228854 | Calculation Manager | Bug Fix | 12/1/2016 | ArgumentOutOfRangeException is thrown when typing an invalid entry. |
| 225183 | Calendar | Bug Fix | 11/24/2016 | [Office2010Black] Unfocused SelectedDate(s) in the XamCalendar are barely visible. |
| 221954 | Carousel List Box | Bug Fix | 10/14/2016 | An exception is thrown when the ItemContainerStyle property of the XamCarouselListBox is manually set or referenced with a key.Notes:Resolved an issue in the RecyclingItemContainerGenerator that affected the XamCarousel control when attempting to apply an ItemContainerStyle targeting the type 'CarouselListBoxItem'. In this scenario an exception was sometimes being raised complaining that the supplied ItemContainerStyle was not of the correct type. This exception is no longer raised. |
| 222404 | Control Persistence Framework | Bug Fix | 11/10/2016 | The DiagramNode's layout and DiagramConnection's connection are not kept after save and load. |
| 217449 | Data Grid | Bug Fix | 10/6/2016 | Grouping is not respected when viewing the grid in XamReportPreview and having GroupByEvaluationMode set to UseCollectionView. |
| 226492 | Data Grid | Bug Fix | 10/7/2016 | Application crashes when moving fields because of missing null check in ToolWindowHostWindow. |
| 226687 | Data Grid | Bug Fix | 10/6/2016 | LoadCustomizations not working correctly for layout that is out of view when using the Recycle mode. |
| 226713 | Data Grid | Bug Fix | 10/26/2016 | Filter operator 'Not equals' does not work correctly. |
| 212011 | Data Presenter Excel Exporting | Bug Fix | 10/11/2016 | The first column of the first child row text is indented incorrectly when skipping the parent record. |
| 189127 | Data Tree | Bug Fix | 10/11/2016 | SelectedDataItems are not updated correctly when removing a selected node. |
| 189130 | Data Tree | Bug Fix | 10/11/2016 | SelectedDataItems are not updated when setting the ItemsSource property to null. |
| 212081 | Data Tree | Bug Fix | 11/17/2016 | Selection becomes incorrect when dragging a node with multiple nodes already selected. |
| 212254 | Data Tree | Bug Fix | 11/8/2016 | ItemsSource changing causes every XamDataTreeNode to be created. |
| 225501 | Drag and Drop Framework | Bug Fix | 10/19/2016 | When the windows are overlapped, a drag and drop operation on the top window causes the bottom one to flicker into view. |
| 217081 | Editors | Bug Fix | 10/11/2016 | The XamComboEditor dropdown is shown at topmost left position on screen at first if the Metro theme is applied and SelectedValue is bound in TwoWay mode. |
| 221996 | Excel | Bug Fix | 10/31/2016 | An incorrect font is assigned to a cell when a WorksheetCell Value is set. |
| 225718 | Excel | Bug Fix | 10/20/2016 | Duplex PrinterSetting is not kept after loading and saving an excel file. |
| 226874 | Excel | Bug Fix | 10/21/2016 | The UI hangs when loading a file. |
| 219910 | Gantt | Bug Fix | 9/29/2016 | The first task's Duration is not set to its previous value when the second task is outdent. |
| 212084 | Grid | Bug Fix | 11/16/2016 | XamGrid does not scroll to the active cell in the last row when the row is added and the cell is set as active in the code behind. |
| 213569 | Grid | Bug Fix | 11/14/2016 | When placed inside a ViewBox inside a DocumentContentHost of a XamDockManager, column header dragging doesn't work. |
| 217694 | Grid | Bug Fix | 11/11/2016 | Headers and group rows are lost after replacing the child collection instance. |
| 219205 | Grid | Bug Fix | 11/15/2016 | The Excel style filter popup search textbox is uneditable in WinForms ElementHost. |
| 219936 | Grid | Bug Fix | 10/6/2016 | Unexpected scrolling occurs when a cell is clicked after the grid height is changed. |
| 226838 | Grid | Improvement | 10/25/2016 | CellExporting-related events return null for e.XamGrid when exporting to Excel.Notes:Added a XamGrid parameter to the ExcelExporterCellExportingEventArgs constructor. A value is provided for this parameter in the following cell-related event args derived classes: GroupByRowCellExportingEventArgs,XamGridExcelExporterCellExportingEventArgs and XamGridExcelExporterColumnLayoutHeaderRowCellExportingEventArgs. |
| 211289 | Masked Input | Bug Fix | 9/23/2016 | Digits are not entered in the correct order when using Chinese input, PromptChar is empty string and Mask is set to 'nnnnn'. |
| 218772 | Masked Text Editor | Bug Fix | 9/28/2016 | XamMaskedEditor does not show the entire text when FlowDirection is RightToLeft and FontStyle is Oblique. |
| 225209 | Masked Text Editor | Bug Fix | 9/29/2016 | Typing a value that is greater than the current section's max constraint in the XamComboEditor moves the caret to the next section. |
| 208165 | Numeric Editor | Bug Fix | 9/22/2016 | Value typed into XamMaskedEditor with Chinese IME is incorrect. |
| 213191 | Numeric Editor | Bug Fix | 9/28/2016 | The entered number can exceed the min/max value constraint by pressing the insert key. |
| 224239 | Property Grid | Bug Fix | 10/31/2016 | WPF Property Grid does not reset DependencyProperty using the ClearValue method.Notes:Resolved an issue in the XamPropertyGrid where resetting the value of a DependencyProperty was not always resetting the property back to its true default value as specified in the property's PropertyMetadata. |
| 224436 | Property Grid | Improvement | 9/21/2016 | Can't drag the color selection circle in Property Grid Brush Editor when it's located in a corner.Notes:Improved the ability to reliably target and click the color selector circle in the XamPropertyGrid's editor for Brush type properties when the selector circle is at or near the corners of the color rectangle. |
| 228281 | Property Grid | Bug Fix | 11/8/2016 | Brush resource has selection highlight after selecting another brush editor button and get back to it. |
| 228288 | Property Grid | Bug Fix | 11/8/2016 | Brush resource group does not have hover appearance. |
| 228290 | Property Grid | Bug Fix | 11/8/2016 | The BrushResourceSelected's e.Cancel property is not necessary. |
| 228291 | Property Grid | Bug Fix | 11/8/2016 | Brush resource does not have padding on the left and on the right when it is selected. |
| 228485 | Property Grid | Bug Fix | 11/10/2016 | The property UI representation is not updated when it has its binding set after the XamPropertyGrid's SelectedObject has been set. |
| 226560 | Radial Menu | Bug Fix | 11/7/2016 | System.InvalidOperationException is thrown when deleting a control from the visual tree. |
| 219299 | Ribbon | Bug Fix | 10/19/2016 | The Ribbon tool is not found if it is placed inside a Border element. |
| 222290 | Ribbon | Bug Fix | 10/6/2016 | The ContextualTab font size in Office2013 should be slightly smaller than the RibbonTab header text font. |
| 223122 | Ribbon | Bug Fix | 10/6/2016 | Implicit DataTemplate (keyless) for a RibbonTabItem's HeaderTemplate property does not get applied. |
| 228962 | Ribbon | Bug Fix | 11/23/2016 | Up and Down keys do not properly move the highlighted item in the MenuTool. |
| 217290 | Rich Text Editor | Bug Fix | 10/27/2016 | The control flashes constantly when positioned in a StackPanel and MaxHeight is specified without Height. |
| 220022 | Rich Text Editor | Bug Fix | 10/7/2016 | Bullets are rendered as stars when loaded from a rtf document. |
| 218350 | Schedule | Bug Fix | 10/13/2016 | Utilities.RefreshLocalizedResources() doesn't refresh the language in the date strings based on the current culture setting. |
| 228641 | Schedule Month View | Bug Fix | 11/22/2016 | The activities subjects are trimmed vertically instead of horizontally. |
| 224787 | Slider | Improvement | 11/9/2016 | XamNumericSlider increase button does not work when the control is data bound to a double that has a value of NaN. |
| 223524 | SpreadSheet | Bug Fix | 10/7/2016 | Copy pasting of cells with formula results in an error dialog. |
| 214426 | Text Editor | Bug Fix | 9/26/2016 | InputMethod.PreferredImeConversionMode is not effective in XamTextEditor. |
| 226287 | Theme Manager | Bug Fix | 10/7/2016 | ThemeManager doesn’t apply styles correctly if UseOSNonClientArea is set in Dock Manager.Notes:In order to apply the specified theme to the XamDockManager using the ThemeManager – you need to set it on an application level configuring the ThemeManager ApplicationTheme property. |
| 229206 | Theme Manager | Bug Fix | 12/2/2016 | Borders are not shown for a textbox when IsReadOnly is set true and Office2013 theme is used.Notes:The Office2013 TextBoxStyle ReadOnly state was missing a BorderThickness property. |
| 226822 | Themes | Bug Fix | 11/21/2016 | The XamDockManager PaneToolWindow is not styled in the IG and Office2010Blue themes. |
| 221087 | Tile Manager | Bug Fix | 11/21/2016 | The last minimized tile gets cut off in XamTileManager when the horizontal scrollbar is at the far right position. |
| 226338 | Tile Manager | Bug Fix | 11/1/2016 | Script error LayoutCycleException occurs when you quickly change the browser's height by mouse drag. |
| 229244 | Tile Manager | Bug Fix | 12/5/2016 | Tile cannot be reached by horizontal scroll after tile resize operation. |
| 227453 | Timeline | Bug Fix | 11/15/2016 | Setting scroll scale and scroll start on numeric TimeAxis does not position the zoom bar thumb correctly. |