

10Tec iGrid.NET X

What's New in Demo

2021-Apr-23

The two main goals of this release of the demo were the followings:

- Full compatibility with .NET 5.
- Unified look and layout principles in all sample forms.

Below you will find the details related to these two main points.

1. [New] The demo source code has two new solution files, `iGrid.Demo.10.0.CS.net5.sln` and `iGrid.Demo.10.0.VB.net5.sln`, you can use to compile the demo for .NET 5. Pay attention to the fact that the same code base is used both for the classic .NET Framework solution and the new .NET 5 one.
2. [New] The common menu with the Print and Help commands you can see in all samples was replaced with a completely new toolbar to provide direct access to the commands without the need to open menus. The previous implementation based on the **MainMenu** class was not compatible with .NET 5. The new implementation is based on the **ToolStrip** component and is compatible with .NET 5.
3. [Change] The status bars in all samples were reimplemented with the **StatusStrip** component compatible with .NET 5. The previous implementation based on the **StatusBar** component is no longer supported in .NET 5.
4. [Change] All controls in all sample forms use the same font, which is Tahoma 10pt. This font looks better and provide the same layout of forms in .NET 5. The new font also provides better text readability in contrast to MS Sans Serif 8pt used earlier, especially for visually impaired people or on laptops/tablets equipped with high pixel density screens.
5. [Enhancement] The border style of all iGrid controls was set to 'Flat' or even 'None' to provide a modern look compatible with other standard WinForms control rendered with the visual styles.
6. [Enhancement] The color scheme of the sample list in the main form was changed to provide a flat look. The sample groups were reorganized to place complex and most important samples at the top of the list.
7. [Enhancement] The toolbar of the 'Folder Size Manager' sample is combined with the new common samples toolbar to use the form client area more effectively.
8. [Enhancement] The layout of the 'Property Grid' sample was changed to make it simpler. The radio buttons switching the look (Alphabetical/Categorized) are now placed in the new common samples toolbar to minimize the occupied space.
9. [Enhancement] The 'Project Plan' sample uses a better formatting in its column headers.
10. [Change] The 'Multithreading' sample uses a **CancellationTokenSource** object to correctly terminate the threads and a better new approach of gathering and displaying of thread messages based on a **ConcurrentQueue** generic collection. The new implementation is also compatible with .NET 5 in contrast to the previous one.
11. [New] The ability to reveal passwords was added to the 'Password Column' sample.

2021-Mar-25

12. [Enhancement] The 'Outlook View' sample was rewritten. The most significant changes in the latest version are the followings:
- Modern icons for messages and flags resembling corresponding icons in Microsoft Outlook 2019.
 - New colors for unread messages and message preview similar to Outlook 2019. The focus rectangle is now solid, which makes even a cooler look compared to the classic dotted rectangle in Microsoft Outlook.
 - Operations with flags were enhanced. Now the Flag column is included into row selection to provide full row select effect. If a message is not flagged, an empty flag placeholder is not displayed until you place the mouse pointer over the flag cell – which makes the Outlook grid cleaner.
 - A new context menu for messages. Now you can mark messages as read or unread, and also delete them. These actions can be done for several selected messages and even message groups.
 - All context menus are now based on the **ContextMenuStrip** component compatible with .NET 5. And all context menus – including the special flags context menu – contain icons depicting corresponding actions.
 - Two new options are provided in the options pane at left: 'Expand group rows by default' and 'Message separating lines'.
 - The options pane at left, which is also based on the iGrid control, is fully generated from code. The corresponding methods can be used as a ready-to-use infrastructure to generate similar rich checked list boxes with groups in your apps.
 - The printable version of the message list is resized automatically to fit to one page width.
 - The source code of the sample was greatly refactored to provide reusable code snippets that can be used in other apps. The updated source code is also a good source of code snippets demonstrating how to work with iGrid objects (enumerating and deleting selected items, processing child rows of groups, etc.)
13. [Enhancement] The context menu of the grid in the 'Property Grid' sample was re-implemented with the **ContextMenuStrip** component compatible with .NET 5.

2021-Feb-01

1. [Enhancement] The 'My Customers' sample was enhanced a lot:
- Group totals are displayed in cells instead of simple strings in manual group rows.
 - The grand total values are displayed in the footer section and are calculated automatically by iGrid.
 - The header context menu used a column chooser is based on the **ContextMenuStrip** component now and is populated dynamically.
 - The first columns are ID and Name, and they are fixed to always see customer names regardless of the horizontal scrolling position.
 - Significant debts (equal to or greater than 10'000) are automatically displayed in bold red.
 - The cell combo button is displayed only in the current cell by default for cleaner picture.
 - Captions of form controls and their tooltips were amended to better describe control purposes.

- The source code was refactored a lot for better organization and understanding.
2. [Enhancement] The fonts and option descriptions in the 'Outlook View' sample were enhanced.
 3. [Enhancement] The grid in the 'Custom Search-as-Type' sample no longer processes key presses to disable filtering because filtering is done only with the search box above the grid.
 4. [Enhancement] The demonstration grid in the 'Right-to-Left Mode' sample was significantly improved:
 - It contains several examples of texts in right-to-left languages (Hebrew, Persian, Arabic).
 - It demonstrates more variants of cell contents (combo buttons, ellipsis buttons) in right-to-left mode.
 - It contains the 'Force Left-to-Right' column demonstrating how to set the left-to-right mode for individual cells even if the whole grid works in right-to-left mode. It is done with the help of the new [iGStringFormatFlags.DirectionLeftToRight](#) flag implemented in iGrid.NET X.
 5. [Enhancement] iGrid and its object properties can be browsed with the WinForms **PropertyGrid** control in some forms in the demo. To provide full functionality in these property grids, the iGrid.NET design-time DLL must be accessible from the application folder. In the updated version of the demo this DLL is copied to the bin folder automatically when you recompile the demo using the provided source code.
 6. [Enhancement] Old 8-bit images used in some samples were replaced with more beautiful modern 32-bit images (the 'Cell, Column, and Row Properties' sample, printing samples and others).

2020-Jul-10

1. [Change] All samples were upgraded for iGrid.NET X. The main changes related to this upgrade were:
 - The **DrawSystem** property of the header area was removed and replaced with the equivalent flat style. Old code:

```
this.fGrid.Header.DrawSystem = false;
```

New code:

```
this.fGrid.Header.UseXPStyles = false;
this.fGrid.Header.Appearance = iGControlPaintAppearance.StyleFlat;
```
 - The **HotTrackFlags** property of the header area was replaced with the corresponding **HotTrackFlagsStyleFlat** or **HotTrackFlagsStyle3D** property. In some samples the **HotTrackFlagsStyleFlat** property was not even needed due to the default settings corresponding to the hot effect in the flat style in the new version of iGrid.NET X.
2. [Change] The 'Cell, Column, and Row Properties' sample used the [iGStringFormatFlags.WordWrap](#) flag in the **TextFormatFlags** property for cells in the Multiline column. This setting was replaced with the [iGCellTypeFlags.MultilineEdit](#) flag in the **TypeFlags** property in the new edition of demo.
3. [Enhancement] The 'Footer Section' sample uses another color set for grid lines for better look. The vertical grid lines in this color scheme are drawn over horizontal grid lines in the cells area and footer section to show vertical grid lines as 'non-breakable'. The latter effect is implemented by setting the new **iGrid.GridLines.ZOrder** property to the [VerticalOverHorizontal](#) value.
4. [Enhancement] New events were added for logging in the 'Watching Events' sample.

5. [Enhancement] The external **DateTimePicker** editor in the 'Custom Editors' sample is centered vertically in the cell to correspond to the default vertical center alignment of cells.
6. [Enhancement] Minor color and functional enhancements in various samples for better look and functionality.
7. [Enhancement][Fixed] The data source file CompaniesSampleData.xml used in the samples 5-7 in the 'Tutorials: Filling iGrid with Data' sample group could be changed in the 'Bind to DataTable' sample, and the aforementioned samples may have thrown an exception after this. These problems were fixed.

As a part of this bug fix, the core code snippets of the samples were enhanced with the new generic **CellValueAs()** extension method of iGrid. See the method implementation in the iGridExtensions.cs or iGridExtensions.vb file for more details.

8. [Removed] The complicated 'Custom Row and Column Headers' sample was removed from the demo.