What's New in the Latest Builds of iGrid 3

Keywords used to classify changes:
- [New] – a totally new feature;
- [Change] – a change in a member functionality or interactive behavior;
- [Improved] – a feature has speed improvement;
- [Fixed] – a fixed bug or solved problem.

v3.00, build 0225

2009-Dec-25

1. [Fixed] A serious problem when an application might suddenly crash on shutdown was fixed. The problem depends on the ComCtl32.DLL library in Windows XP (the latest updates of this library from Microsoft cause this bug).

2. [Fixed] If you displayed a modal form from the **ColHeaderClick** event, iGrid might be in column dragging mode and move the clicked column header even when the modal form is displayed over the grid.

v3.00, build 0223

2009-Sep-25

1. [Fixed] If the height of a row was greater than the height of the visible area, and you edited a text cell in this row, you couldn't scroll the text to access any part of it.

v3.00, build 0222

2009-Mar-26

1. [Fixed] There were some problems with sorting columns with Null values.

v3.00, build 0220

2009-Jan-06

1. [Change] When iGrid has the vertical scroll bar and the position of the scroll box is at the bottom, there is no gap between the last row's bottom edge and the bottom edge of the client area (in the previous builds there was a gap of 5 pixels).

2. [Fixed] iGrid might be drawn as active (i.e. having the input focus) when you switch in another control in some non-VB development environments (for instance, MS Office VBA).

3. [Fixed] If you edited a text cell and then clicked the combo button in another combo box cell, the intrinsic "Input validation" message box with the message "Invalid value (Type mismatch)" might pop up.

4. [Fixed] The width calculated by iGrid in auto-width column operation might not be enough to display the texts of the column's cells without clipping if the column contained cells which used a TrueType font and italic text.

5. [Fixed] On some computers you might have the message box with the error "No more than 10 timers allowed per class".

v3.00, build 0214

2008-Aug-16

1. [New] When iGrid is disabled, the cell check boxes are drawn using the corresponding style that indicates that they are inactive (in the previous versions they remained the same and look clickable).

2. [New] The **FillFromRS** method now supports both DAO and ADO recordsets.

3. [Change] A more accurate algorithm that calculates the size of the scroll box on the iGrid scroll bars was implemented. Now the scroll box on each scroll bar correctly represents the portion of the grid that is visible in the client area in all possible cases.

4. [Fixed] The **SelItems** object might contain improper data when you access it in the **BeforeSelectionChange** event.

5. [Fixed] If you pressed a character key in a combo cell to open the drop-down list and select the first item which starts with this letter, and there was no such an item, the list remained opened after you pressed TAB.

6. [Fixed] The **CellTypeFlags** property returned improper values.

7. [Fixed] iGrid might scroll its contents up if you selected the last row and it was fully visible; the same effect you might see for columns and if you issued the **EnsureVisibleCell**, **EnsureVisibleRow** or **EnsureVisibleCol** method.

8. [Fixed] Some problems with displaying Unicode characters in the iGrid combo boxes.

9. [Fixed] The background color of a text cell could be set to an improper value while editing if you had invisible rows and the **BackColorEvenRows** and/or **BackColorOddRows** properties had non-default values.

10. [Fixed] The iGrid scroll bars might become "frozen" (you couldn't control them with the mouse) if you moved iGrid on a form.

v3.00, build 0200
2008-Feb-07

1. [New] The previous builds of iGrid do not allow you to use such iGrid control keys as HOME, END, PAGEUP, PAGEDOWN, ENTER, ESC properly in MS Access because that development environment consider those keys as its own control keys and they simply do not reach iGrid if you press them (for instance, ENTER is used to move from one field to another, and the END key can be used to move to the last object on the form). In this build of iGrid we implemented a special new COM keyboard hook which allows you to use those keys as expected in iGrid when it has the input focus.

2. [Change] Many ActiveX control containers such as VB forms allow you to process form-level keystrokes if you set their **KeyPreview** property to True regardless of what control on the form has the input focus. In the previous versions an iGrid control key can work in iGrid and generate the form's **KeyDown** or **KeyPress** event as well if the form's **KeyPreview** is on. Now, if an iGrid control key can perform an action in iGrid, it is not passed to the form. For more info, read the "iGrid and the **KeyPreview** property in VB" topic in the updated help file.

3. [New] The CTRL+HOME and CTRL+END keyboard combinations allow you to move the current cell selection to the upper-left and bottom-right cell respectively (in the previous builds, these combinations are used to move the current cell to the first or last cell in the current row without changing the selection if multi-selection mode is on).

4. [Fixed] When iGrid was in edit mode, pressing the TAB key might trigger the **KeyPress** event (**KeyPress** can be raised only when iGrid is not in edit mode).

5. [Fixed] The flags which indicate the state of the ALT and CTRL keys might be passed improperly (one instead the other) in the Shift parameter of the **KeyDown**/**KeyUp** events for the TAB key.

6. [Fixed] The **RowIsGroup** and **RowGroupStartCol** properties could return improper values.

v3.00, build 0186
2007-Oct-26

1. [Fixed] The selection of the current row might work improperly if you called the **RemoveRow** method with the **lCount** parameter greater than 1.

2. [Fixed] The **CellDynamicText** event might pass improper values in its **lRow** parameter.

3. [Fixed] Sorting by cell text (the **igSortByCellTextUseCase** and **igSortByCellTextNoCase** sort types) might work improperly if you used dynamic cell texts generated in the **CellDynamicText** event.

v3.00, build 0182
2007-May-21

1. [Improved] If you work with large grids or use extensively RAM in your app, you may consume all available memory. If a statement of Visual Basic cannot be executed due to this problem, VB generates the error 7 "Out of memory" only for its native instructions. Now iGrid has its own "Out of memory" error (the code is &H8004020B) which is raised in the most typical situations when the available RAM is not required to perform a method or property of iGrid, and you can also process this error in your code to inform the user about this problem.

   For more info, read a new topic named Handling the "Out of memory" Error in the help file.

2. [Fixed] One problem with automatic calculating of the header height when some header items were formatted using the **igTextWordBreak** flag was fixed.

3. [Fixed] iGrid might fail if you issued the **ClearSelection** method when iGrid was losing the focus, had invisible rows and was in edit mode (a series of "Invalid value" message boxes could be generated).

v3.00, build 0179
2007-Apr-09

1. [Fixed] In Windows Vista iGrid didn't redraw a combo box cell after an item was selected from the drop-down list.

v3.00, build 0178
2007-Mar-30

1. [Improved] The **EnsureVisibleRow** method now can be used in the situation when the vertical scroll bar is invisible.

2. [Fixed] After you have edited a text cell, pressing the TAB key to move to the next cell may change the next cell value to the value entered in the previous edited cell.

3. [Fixed] In multi-selection mode SHIFT+TAB moved the current cell to the previous cell and selected this cell (because the SHIFT key was used). Now this key combination simply moves the current cell selection as if you pressed the LEFT key.

4. [Fixed] The height of combo items might be changed incorrectly if you had changed the font of the combo object.

5. [Fixed] The **AutoWidthCol** method might work improperly for columns with cells which stored the **vbNullString** values (not empty strings like ""). The width of such a column was increased by several pixels each time you called that method.

6. [Fixed] The **RemoveCol** method might not work if the grid didn't have rows.

7. [Fixed] If a column had cell texts with the flags **igTextEndEllipsis**, **igTextSingleLine** and **igTextCenter** set simultaneously, and the column was enough narrow, you could see an ellipsis in the adjacent columns.

8. [Fixed] iGrid might redraw its header incorrectly if you changed the width of the first column to 0 with the **ColWidth** property.

9. [Fixed] The properties of the horizontal scroll bar could be set improperly if iGrid contained frozen columns and columns with 0 width.

10. [Fixed] The **EnsureVisible*** methods might not work in some cases when the display mode of the scroll bars was set to **igScrollBarDisplayNever** (the **DisplayMode** property of the **ScrollBarObject**).

11. [Fixed] Fixed some redraw issues when the display mode of the vertical scroll bar is **igScrollBarDisplayNever**.

12. [Fixed] Fixed some problems with the **AddCol** method (the previous current cell might remain selected when you select a new cell; specifying a value greater than 1 for the **lCount** parameter might also cause an error).

13. [Fixed] A combo list attached to a cell might remain opened if you hit the TAB key to move the current cell selection to another cell.

14. [Fixed] Some problems with redrawing column header texts if you unchanged them with the **ColHeaderText** property when Redraw was set to False fixed.