

DataGrid - Working with Cells and Rows

```
void dataGridView_CellValidating(object sender, DataGridViewCellValidatingEventArgs e)
{
    // Ignore cell if it's not dirty
    if (dataGridView.IsCurrentCellDirty)
        return;

    // Validate current cell.
}

void dataGridView_RowValidating(object sender, DataGridViewCellCancelEventArgs e)
{
    // Ignore Row if it's not dirty
    if (!dataGridView.IsCurrentRowDirty)
        return;

    // Validate all cells in the current row.
}

void dataGridView_CellEndEdit(object sender, DataGridViewCellEventArgs e)
{
    // Validate all cells in the current row and return if any are invalid.

    // If they are valid, save changes to the database

    // This is when I would expect dataGridView.IsCurrentRowDirty to be false.
    // When this row loses focus it will trigger RowValidating and validate all
    // cells in this row, which we already did above.
}
```

<https://stackoverflow.com/questions/2043210/datagridview-row-is-still-dirty-after-committing-changes>

<https://stackoverflow.com/questions/35977042/how-to-filter-data-using-entity-framework-in-a-way-that-datagridview-be-editable/35978408#35978408>

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