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Subject: Handle editable value in GridCtrl

Posted by [koldo](#) on Wed, 09 Dec 2009 16:03:35 GMT

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Hello Uno

I wanted to derive GridCtrl to have a very basic SpreadSheet control.

To get that, I wanted to keep per cell the formula and the value to be visualized.

The behavior should be: If the cursor is in the cell, the formula is visualized and if not, the value is visualized.

I have tried some ways but without success:

- To prepare a Cell class with members value (Value) and formula (String).

Every cell in the GridCtrl is set a Cell, like in  
`grid.Set(23, 45, Cell(5, "2+3"));`

This is slow for big GridCtrls

And Cell class has:

```
operator Value() { return RowToValue<Cell>(*this); }
```

A Convert class is used to visualize the value:

```
Value Format(const Value &q) const {  
    if (q.IsNull())  
        return Null;  
    else if (IsTypeRow<Cell>(q)) {  
        const Cell &pv = ValueTo<Cell>(q);  
        return pv.value;  
    } else  
        return "Unknown";  
}
```

But I do not know how to show the formula when the cursor is in the cell, and how to get the edited value to be set in the Cell formula member.

- To have an Array <Cell> like previous (without value as value is itself in the GridCtrl)

But I have the same problem: I do not know to show the formula and not the value when the cursor is in the cell.

Do you have any idea ?

Best regards

