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 RawToValue<Cell>(*this); }

A Convert class is used to visualize the value:
```
 Value Format(const Value &q) const {
  if (q.IsNull())
   return Null;
  else if (IsTypeRaw<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

Koldo