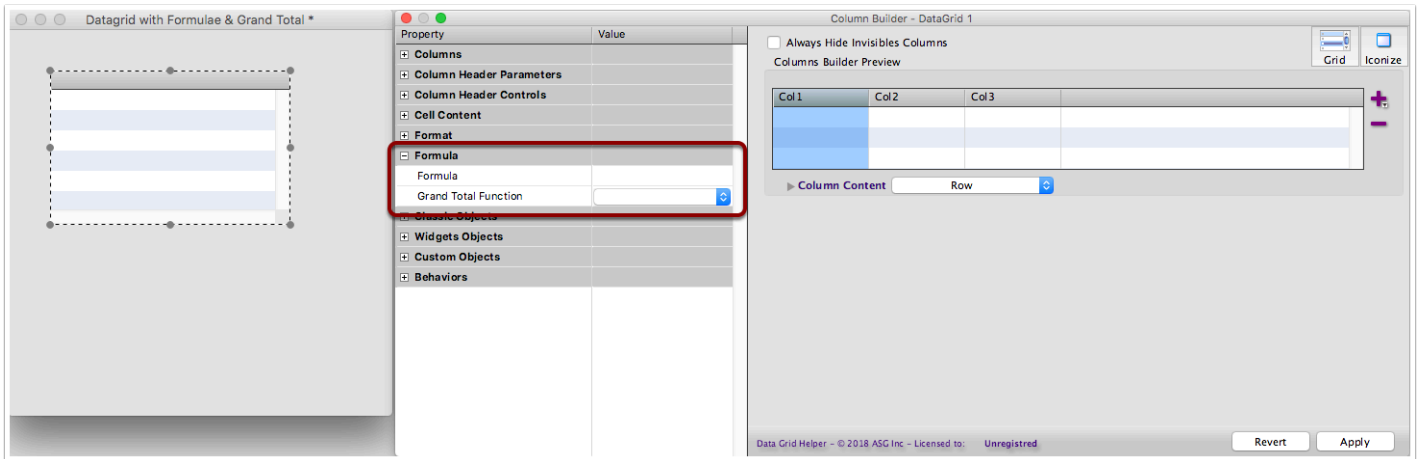# How Do I Use Formulae For Basic Calculation Inside My DataGrid?
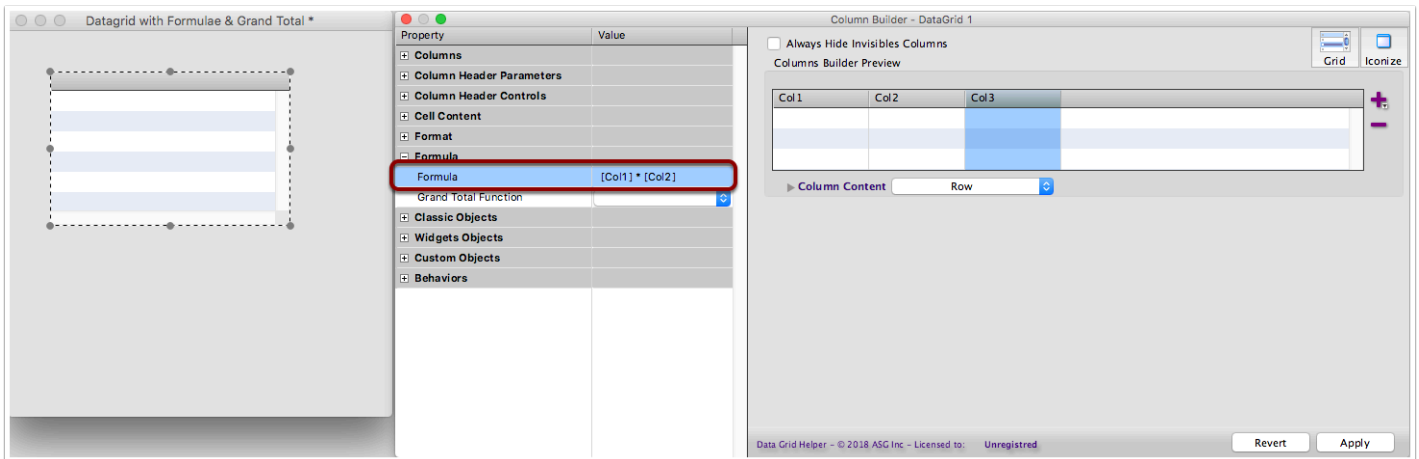
In this lesson we will see how to parameter a datagrid with DGH for doing basic calculation.

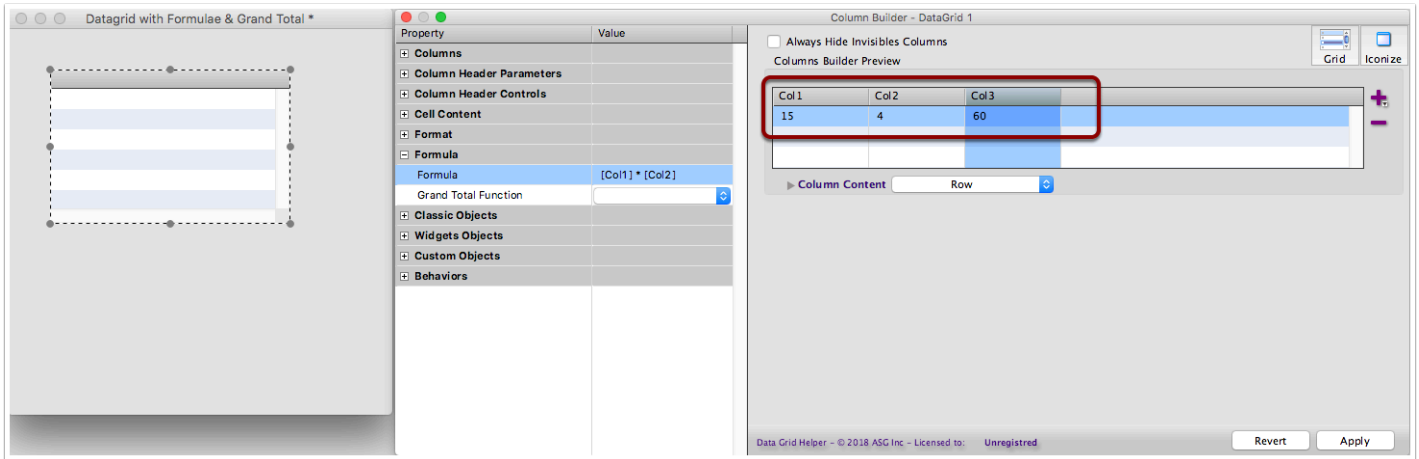## Creating a Datagrid With Three Columns and Opening the Formula Topic

First, create a datagrid and open DGH, then inside the column editor create three columns and go to the Formula topic.
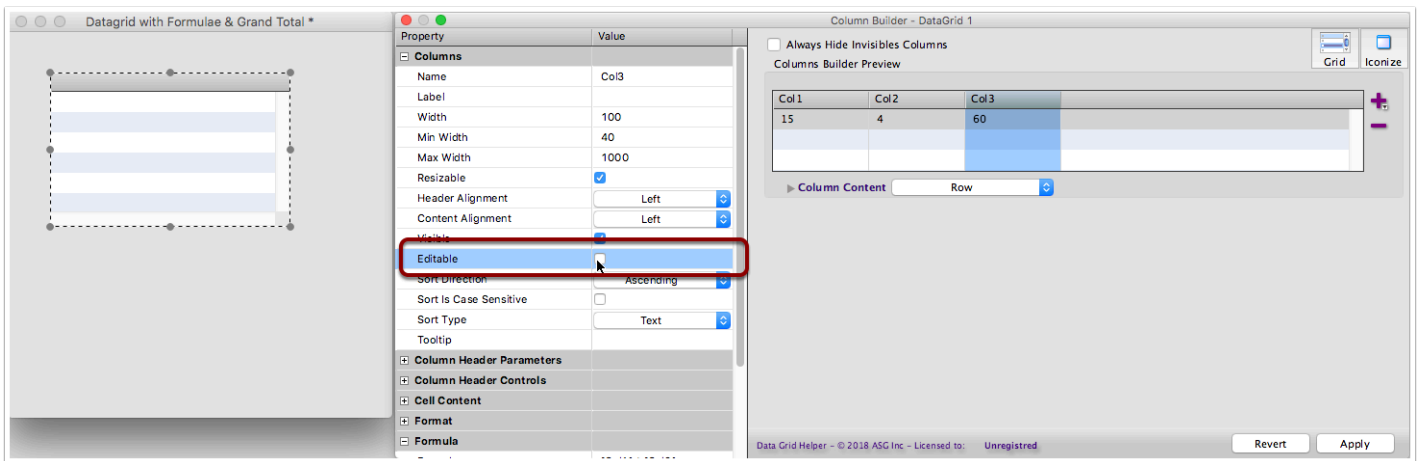
Inputing A Formula

Inside the formula value, input [Col1] * [Col2]. The supported syntax suppose you place the column names inside brackets.
Supported operators in formulae are: * / + -

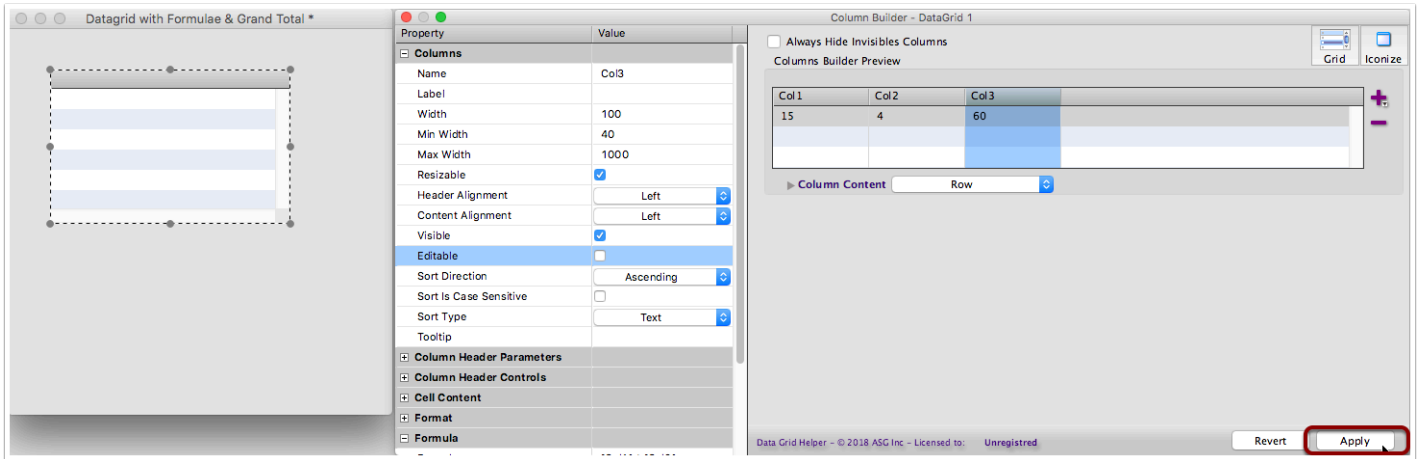## Testing the Formula Using the Columns Builder Preview

Now the formula is inputed, we can test it immediately inside the "**Columns Builder Preview**", before to apply the change to the final datagrid.
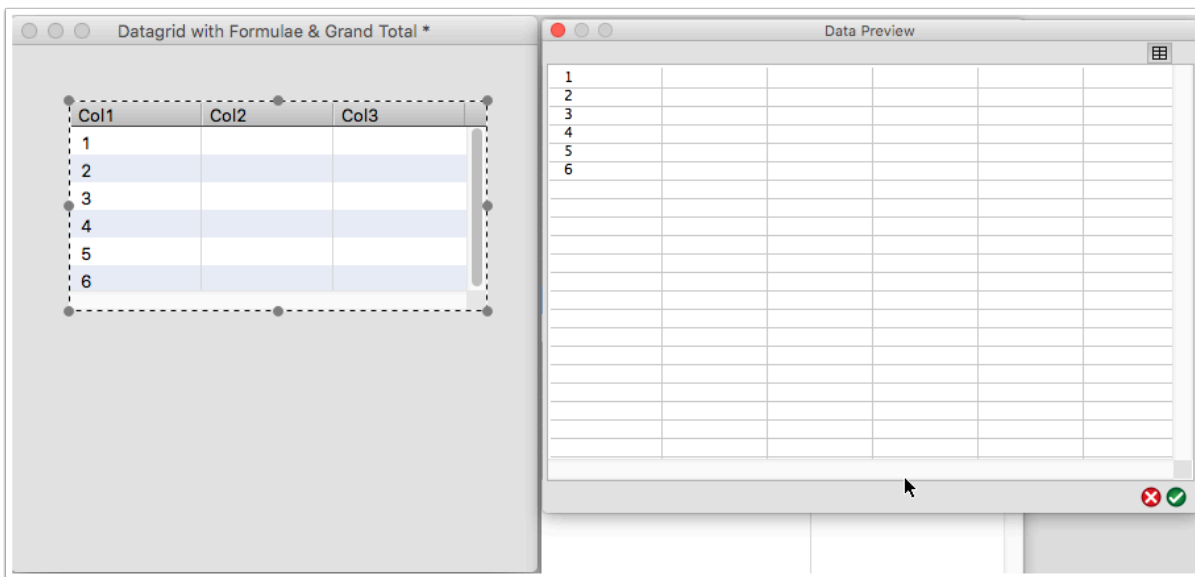
Locking the Column 3 Content

The third column will be the result of a calculation. We are setting its editable property to false to prevent any manual change.
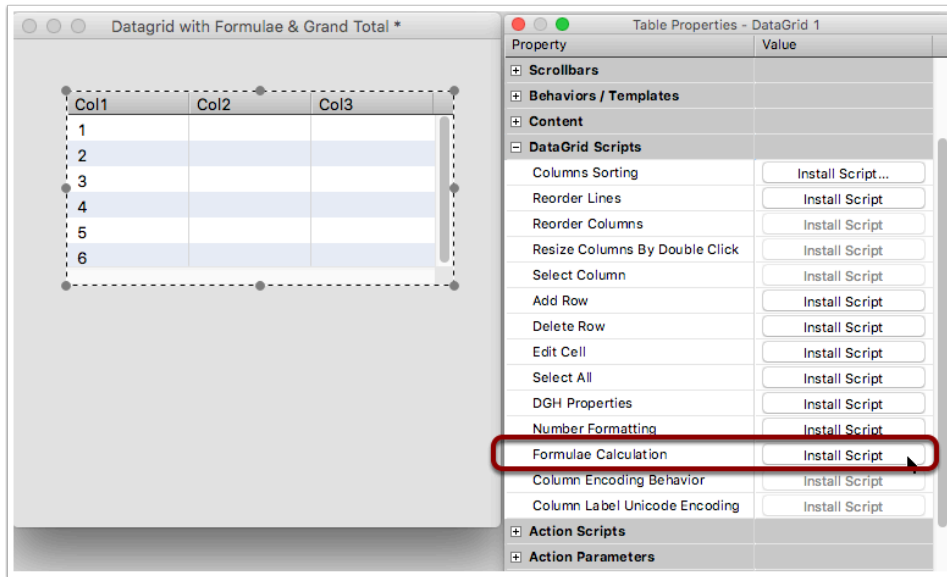
Applying the Change to the Final Datagrid

Click onto the apply button to apply the change done in the builder to the targeted datagrid.

Populating the Datagrid

Using **DGH** or the **LiveCode Inspector**, populate manually the datagrid with some quick data.
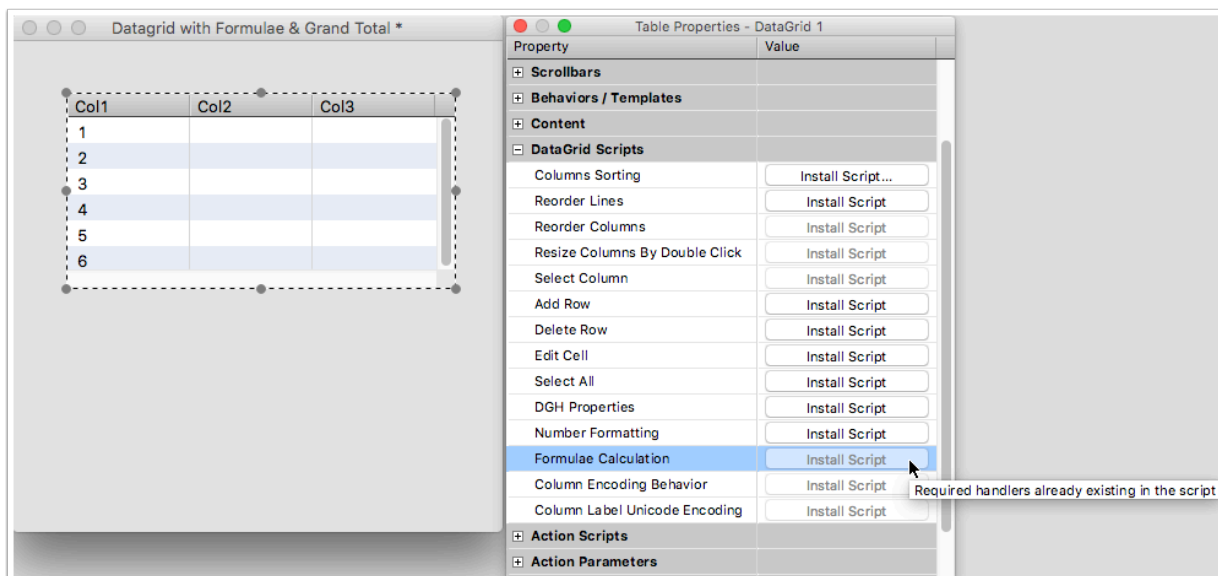
Installing the Formulae Calculation Script Inside the Datagrid Group

The next step for having the formula working is to install the ready to use script "Formulae Calculation" inside the datagrid group. This script is located inside the "DataGrid scripts" topic of **DGH**.
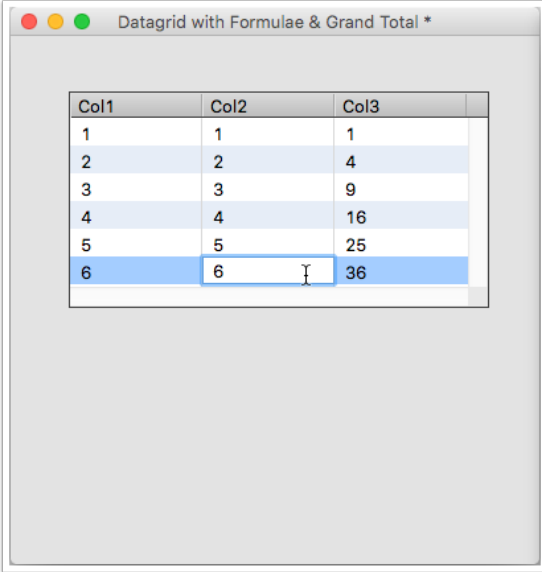
So, quit the **column editor** by clicking the "Grid" button, open the DataGrid scripts topic and, then click the "Install Script" for "Formulae Calculation" to install the script.

The required scripts are installed. The "Install Script" is disabled for reflecting the installation.

Testing the Formula

We can now test the result of our efforts by adding numeric values in column 2, and see all is working as expected.

Col1	Col2	Col3
1	1	1
2	2	4
3	3	9
4	4	16
5	5	25
6	6	36