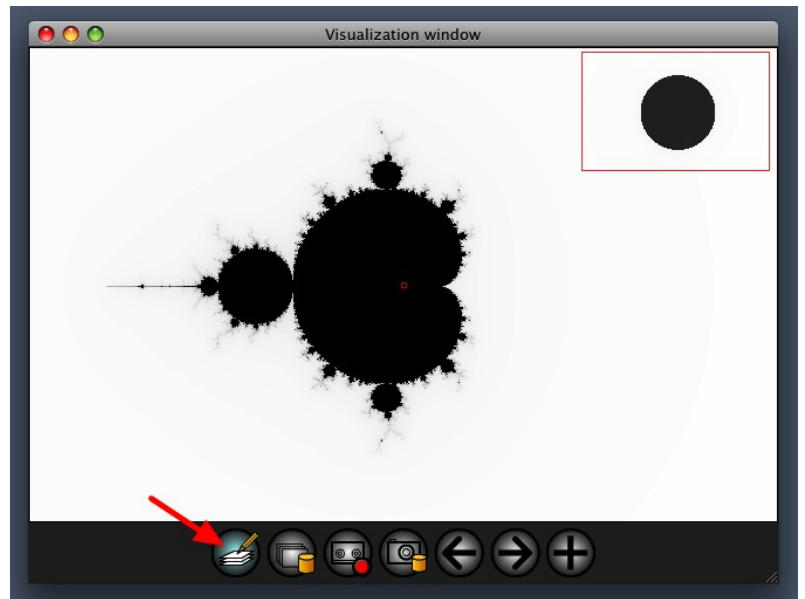# Working with layers, filters, effects and Mandelbrot fractals
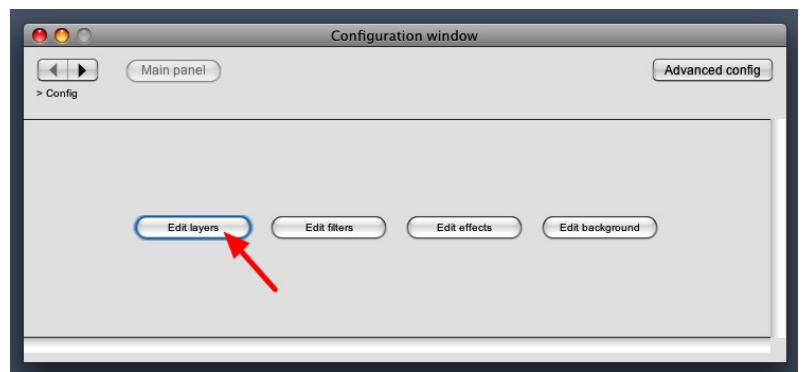
The configuration window
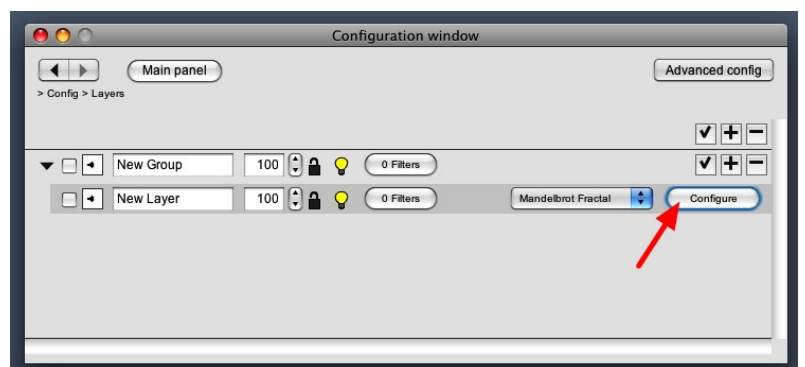
Open the configuration window.

The configuration window

Press edit layers to change the layers.

Mandelbrot fractal

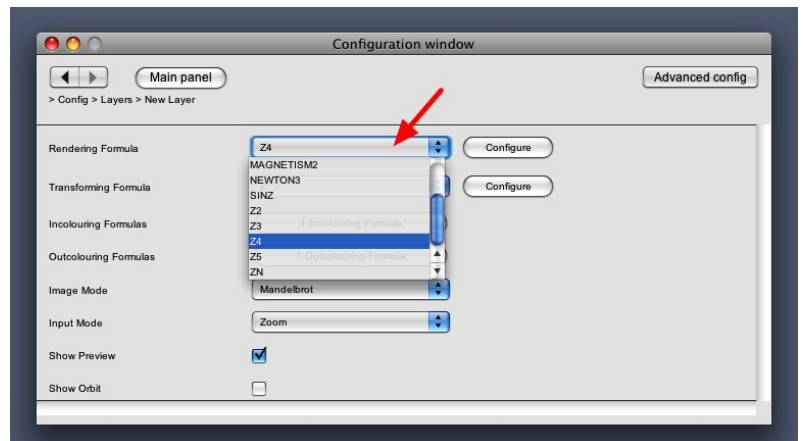Press configure button to change the configuration of the Mandelbrot fractal in the first layer.

Mandelbrot fractal

In the mandelbrot panel you can change the configuration of the Mandelbrot fractal. You can also control the preview, the orbit, the input mode and the image mode.
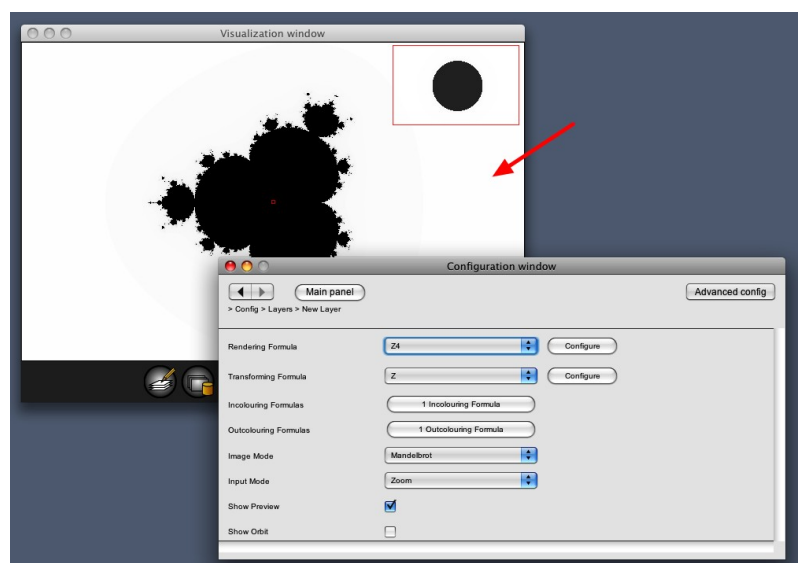

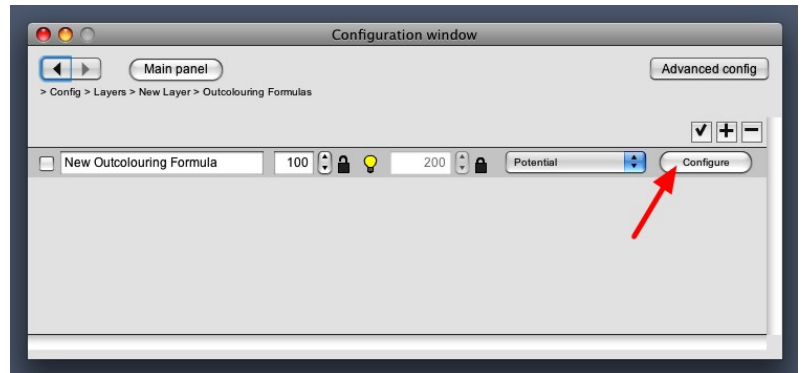# Mandelbrot fractal

Change the rendering formula.

Mandelbrot fractal

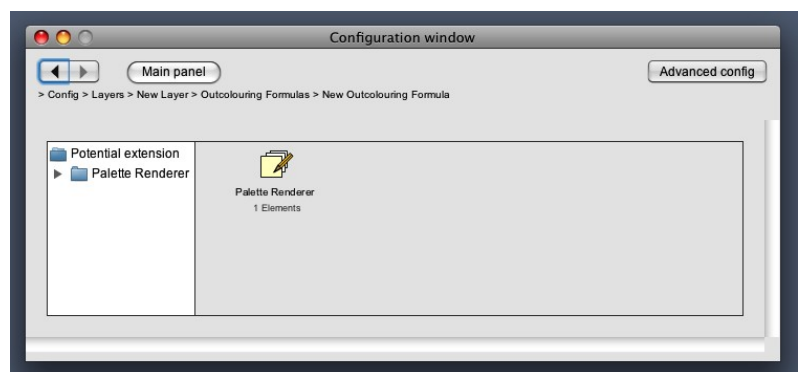The fractal is recalculated in the visualization window.

Mandelbrot fractal

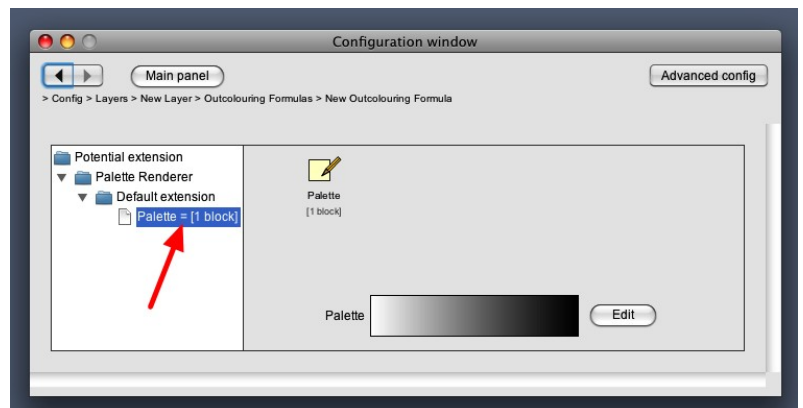Press configure button to change the configuration of the formula.

Mandelbrot fractal

The outcolouring formula defines the colors of the outer area of the Mandelbrot or Julia set (in the same way an incolouring formula defines the colors of the inner area).
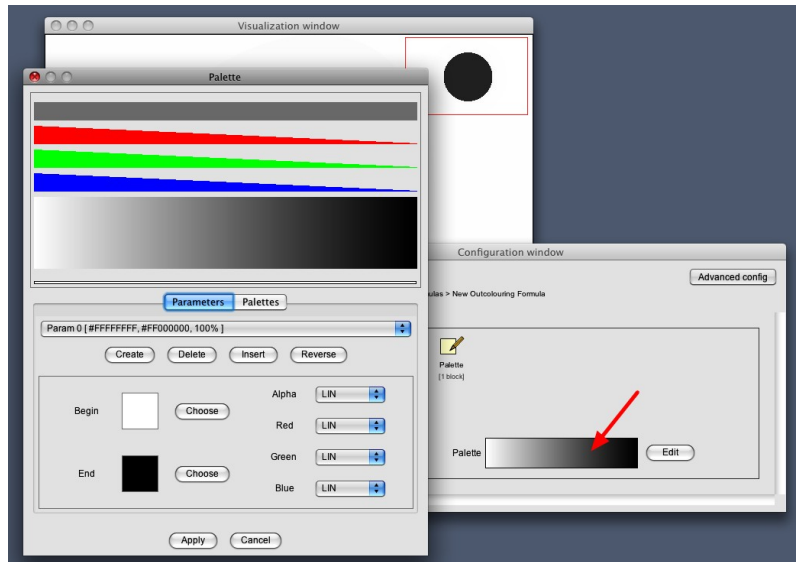
Mandelbrot fractal

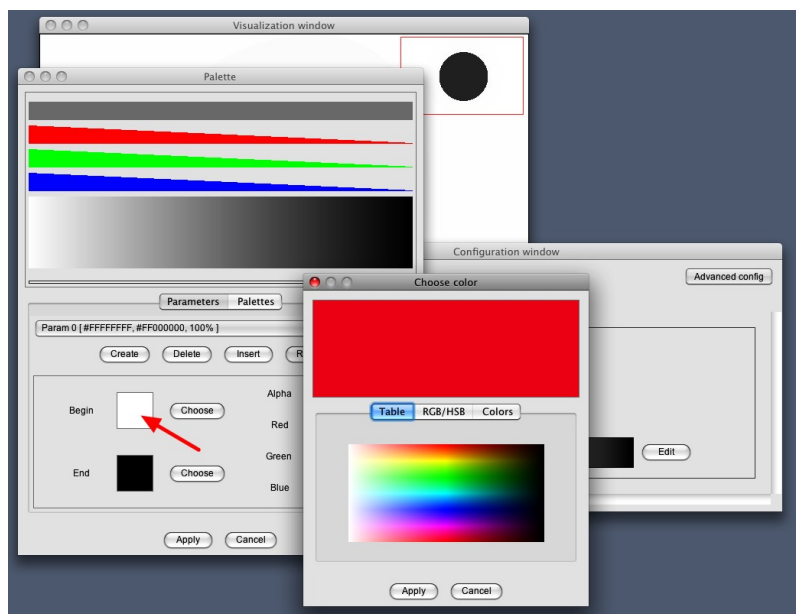Expand the nodes of the tree and select the palette node.

Mandelbrot fractal

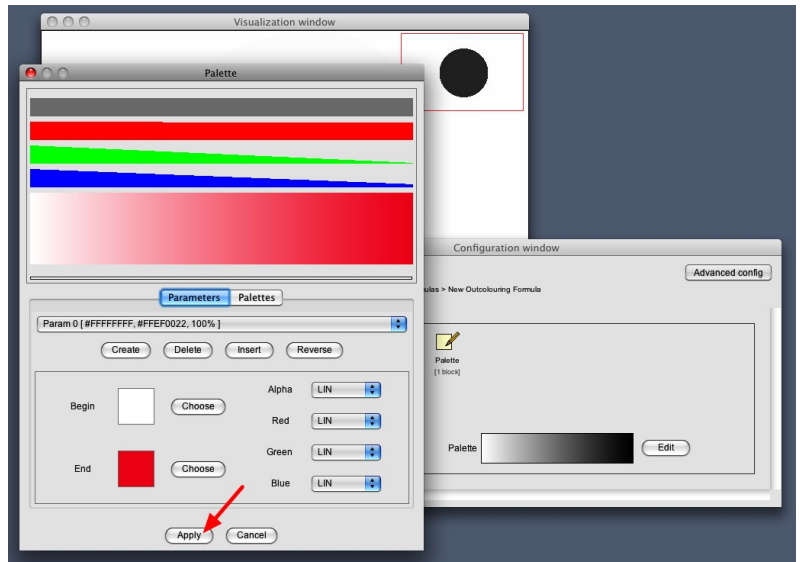Click on the palette or press edit button to change the palette.

Mandelbrot fractal

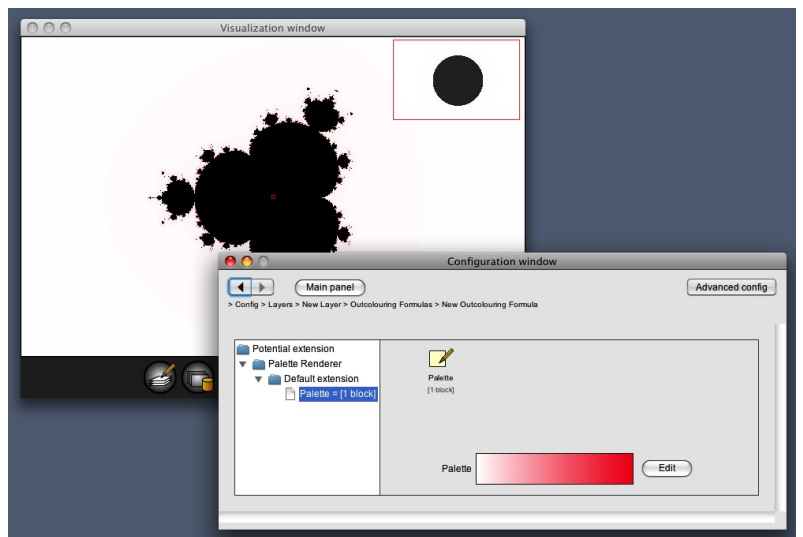Click on the color field or press edit button to change the color.

Mandelbrot fractal
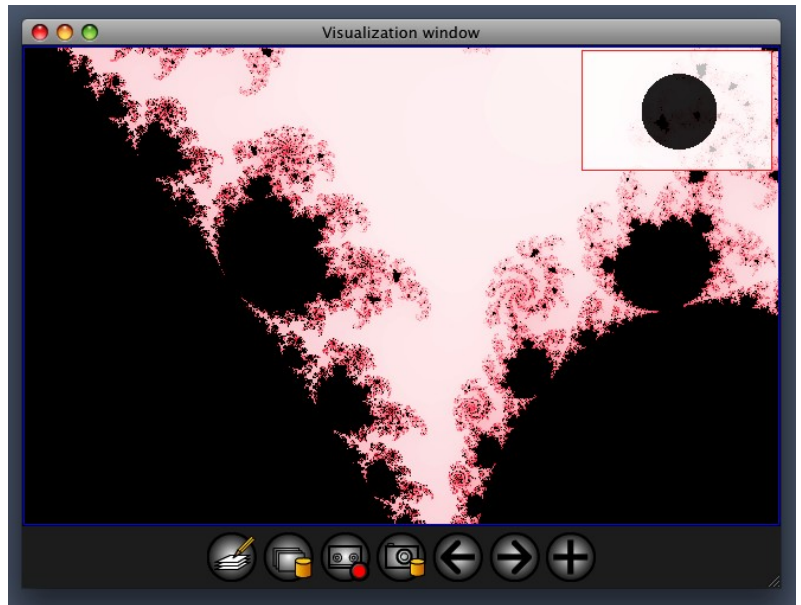
Apply the color and then apply the
palette.

Mandelbrot fractal

The fractal is recalculated in the
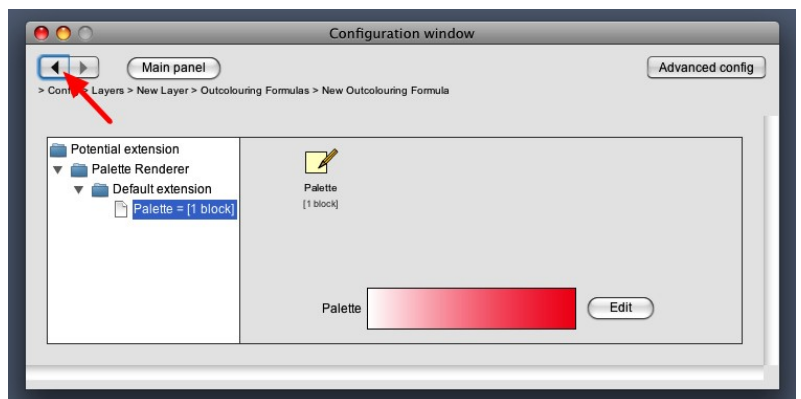visualization window.

Mandelbrot fractal
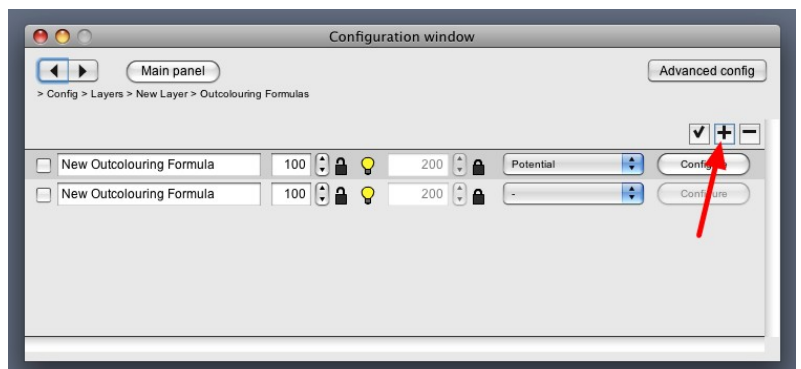
Zoom to see more details.

Mandelbrot fractal

Press the previous button to go back to the outcolouring formulas panel.
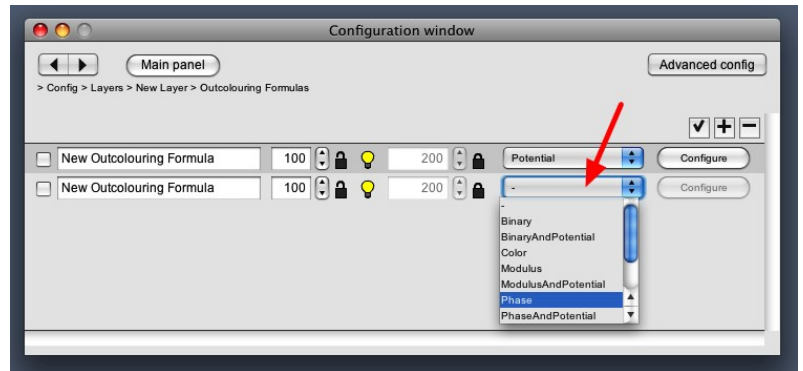

Mandelbrot fractal
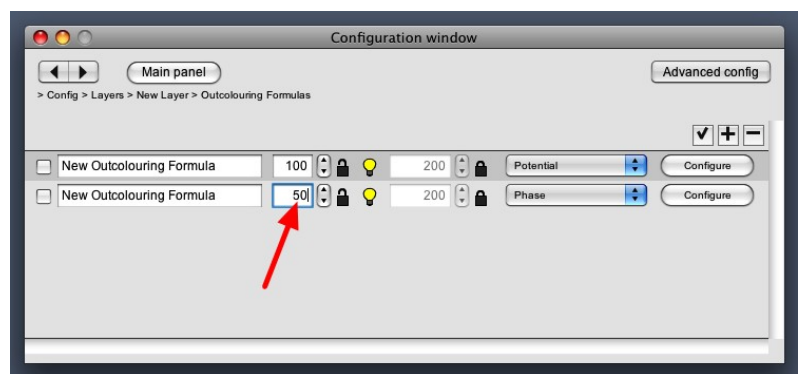
Press add button to add an outcolouring formula.

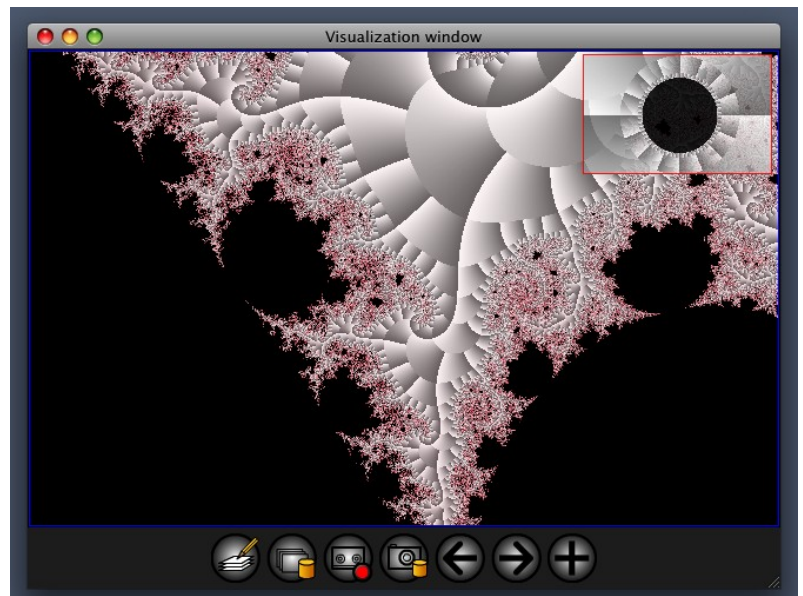## Mandelbrot fractal

Select a formula.

Mandelbrot fractal

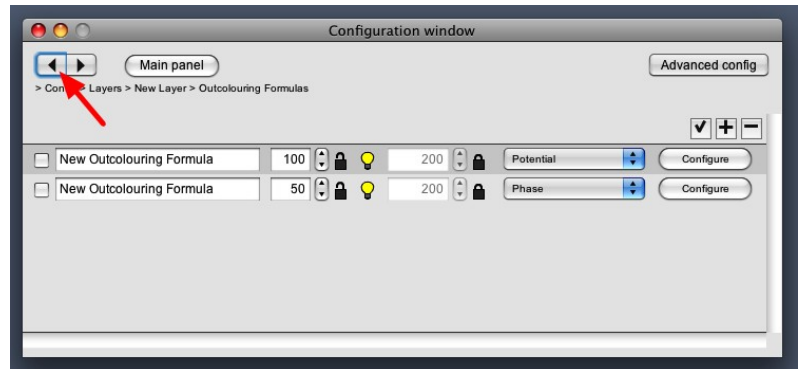Change the opacity of the formula.

Mandelbrot fractal

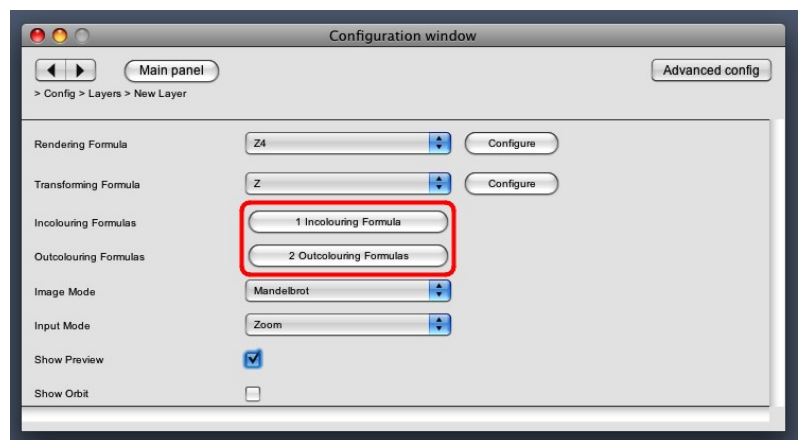The fractal is recalculated in the visualization window.

Mandelbrot fractal

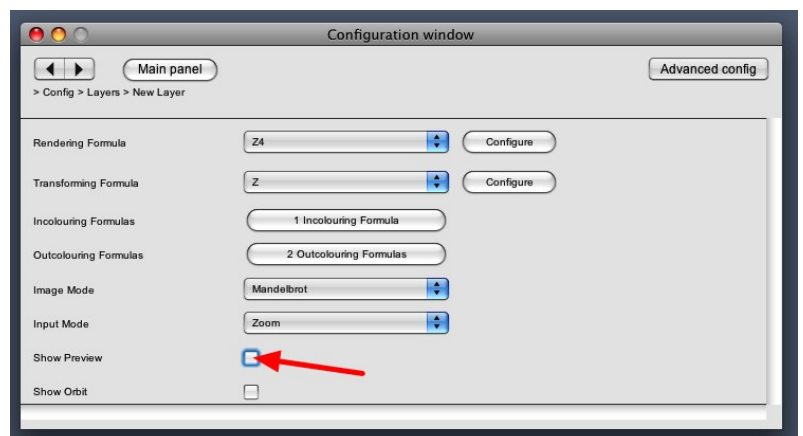Press the previous button to go back to the mandelbrot panel.

Mandelbrot fractal

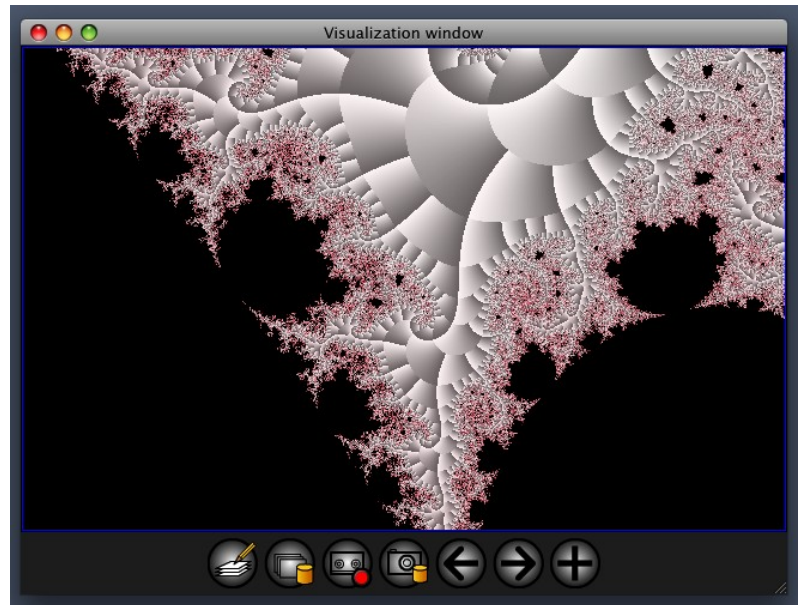In the outcolouring formulas button you can see the total number of colouring formulas.

Mandelbrot fractal

Change the status of the preview.

Mandelbrot fractal

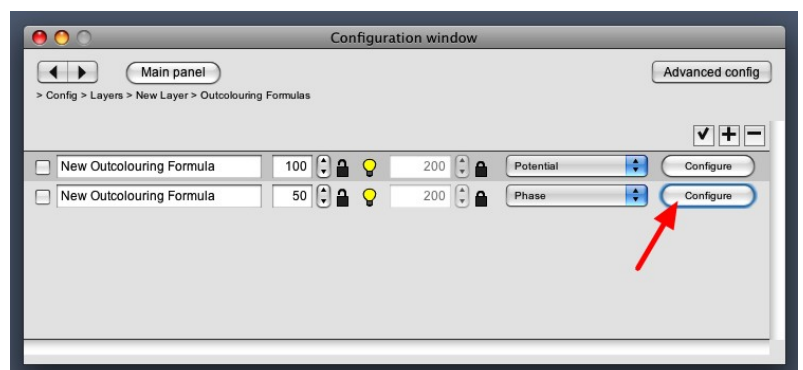The preview disappears in the visualization window.

Mandelbrot fractal

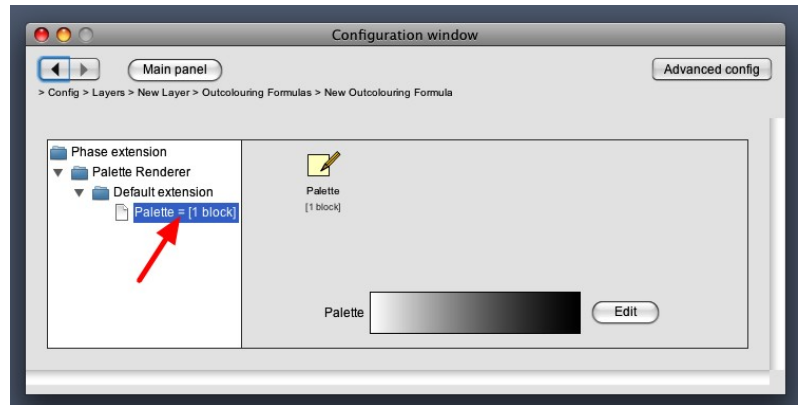Press the next button to go back to the outcolouring formulas panel.

Mandelbrot fractal

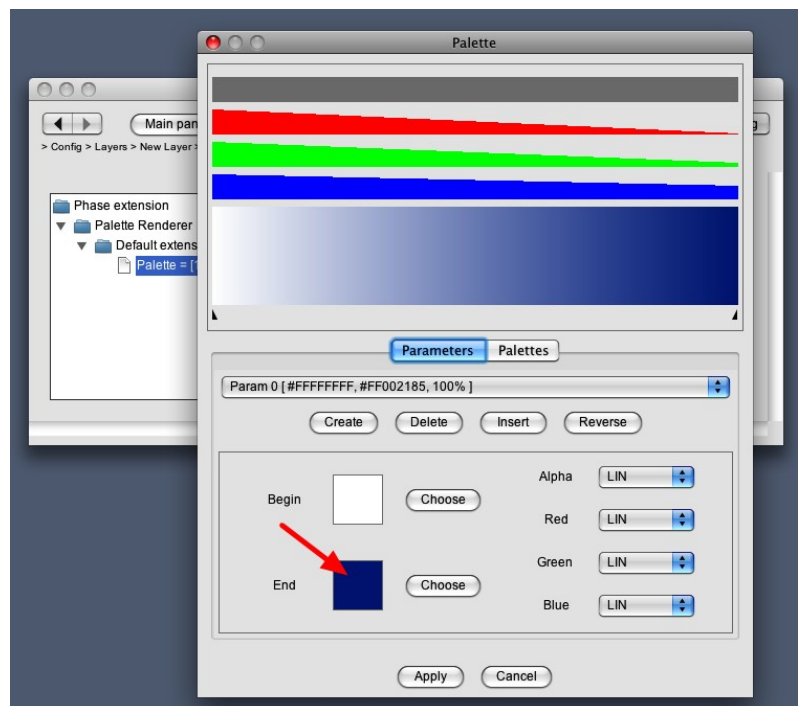Press configure button of the second formula.

Mandelbrot fractal

Expand the tree and select the palette node.
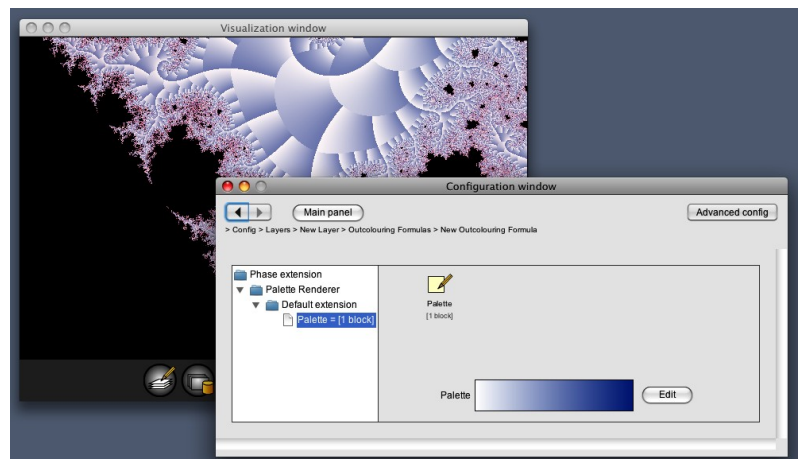

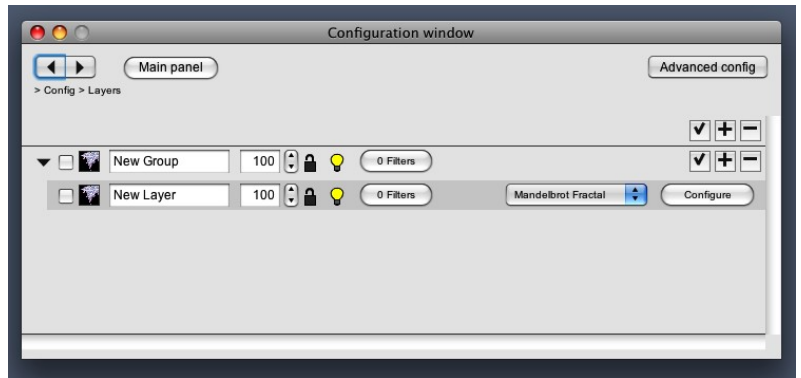## Mandelbrot fractal

Change the palette.

Mandelbrot fractal

The fractal is recalculated in the visualization window.

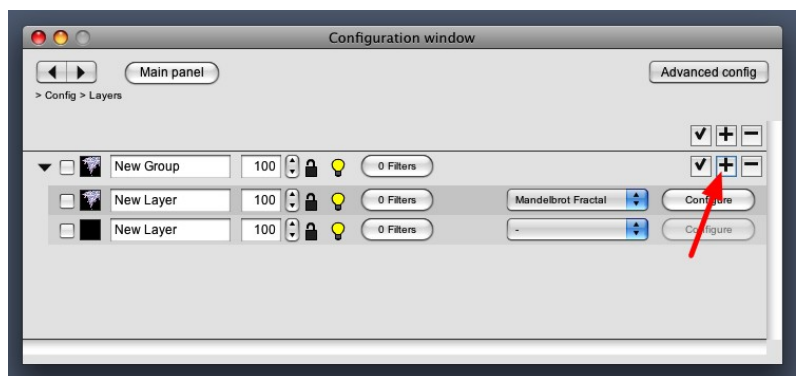## Mandelbrot fractal

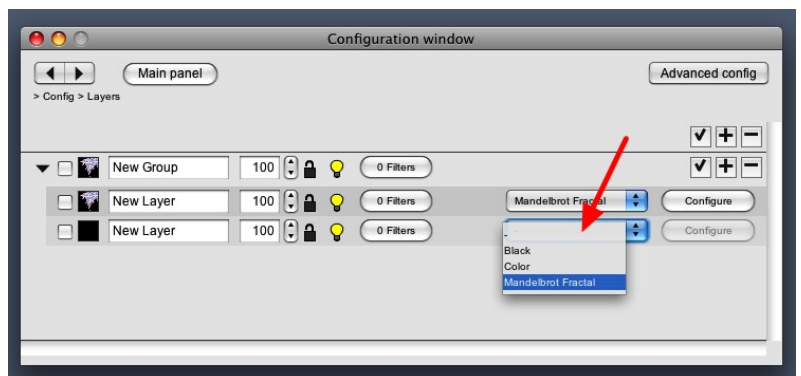Press the previous button tree times to go back to the layers panel.
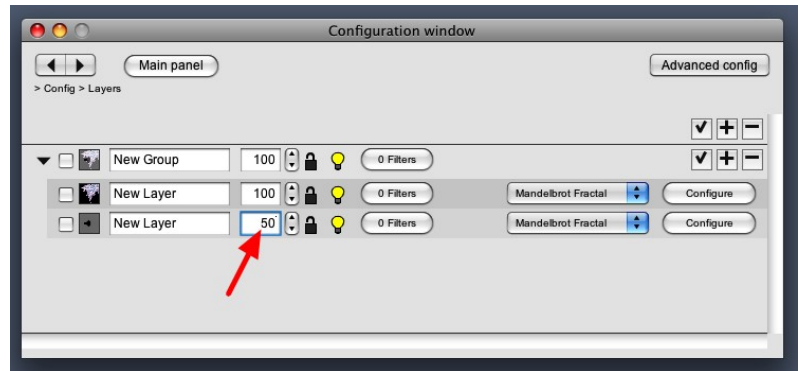
Layers and background

Press add button to add a layer.

Layers and background
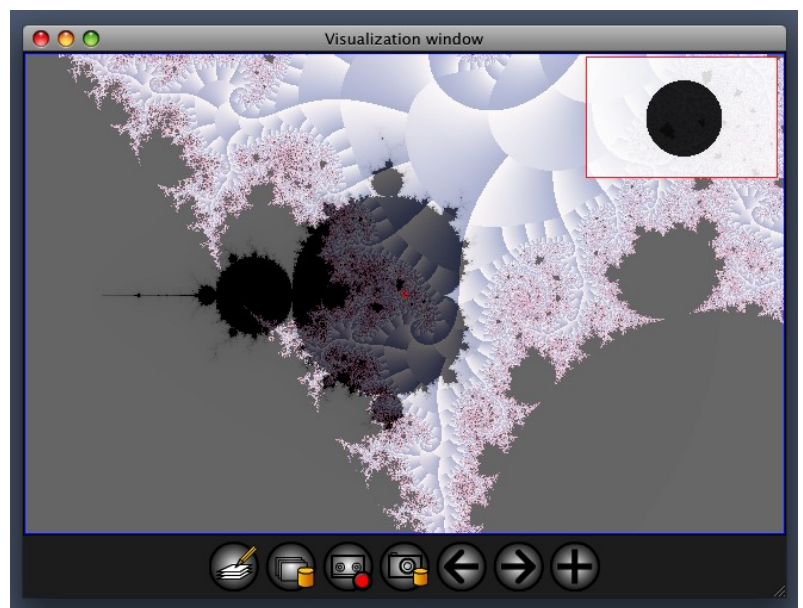
Select a fractal.

Layers and background

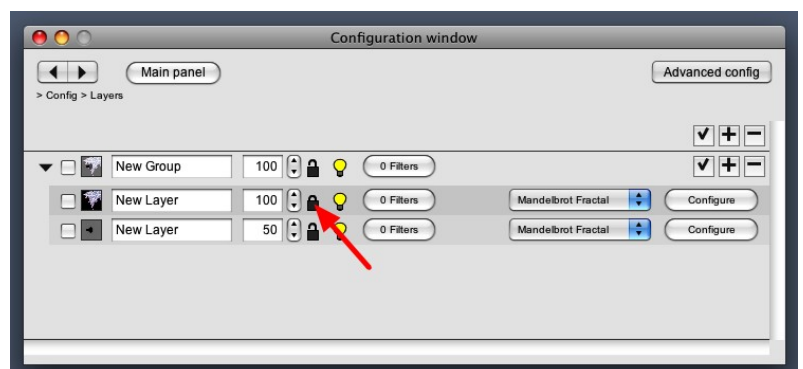Change the opacity of the layer.

Layers and background

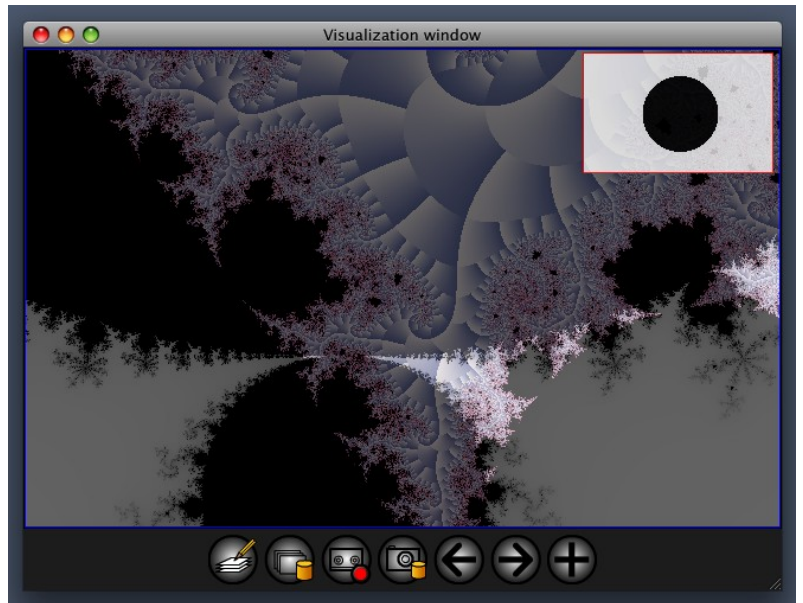Two fractals are displayed in the visualization window.

Layers and background

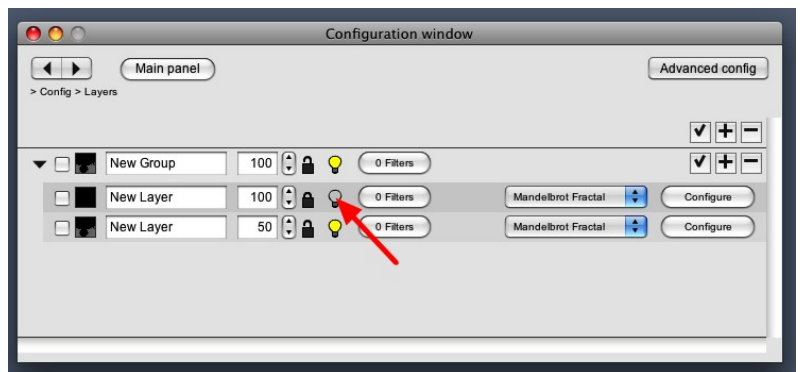Lock the first layer. When a layer is locked you can't zoom it.

Layers and background
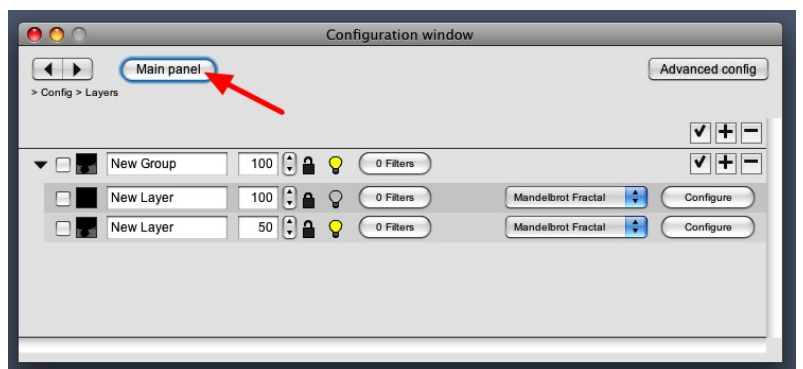
Zoom the second layer.

Layers and background

Hide the first layer. When a layer is hidden you can't see it.
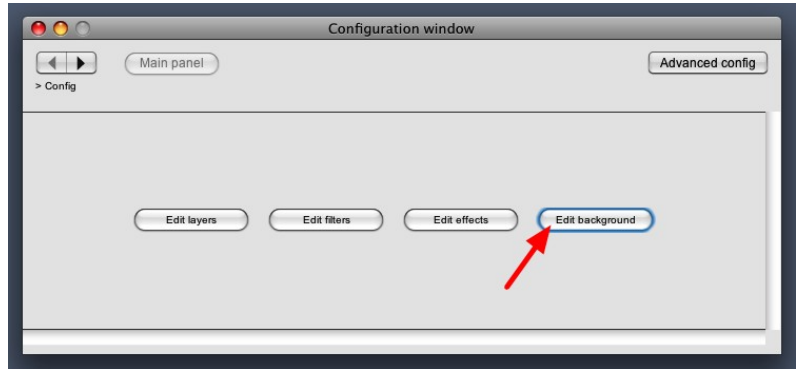

Layers and background

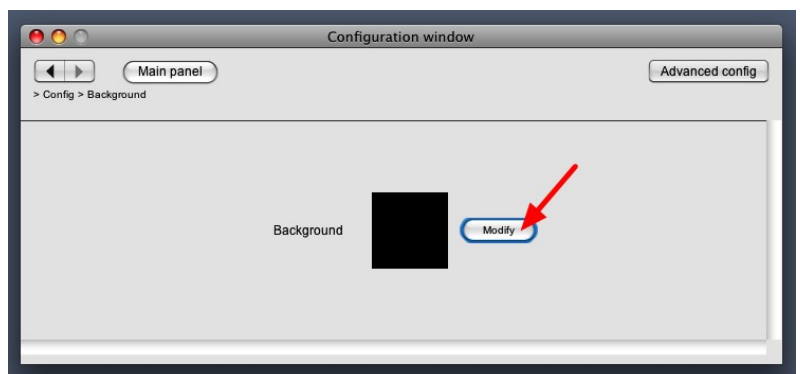Press main panel button to go back to the main panel.

Layers and background

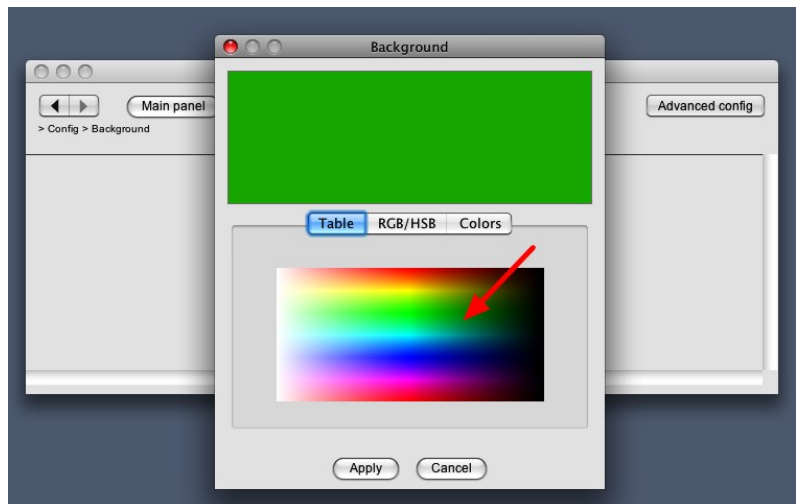Press edit background button to change the background.

Layers and background

Press modify button to change the color.

Layers and background
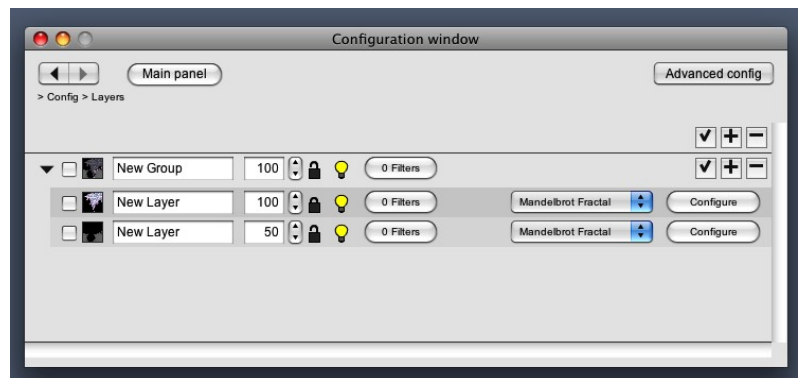
Select a color.

Layers and background

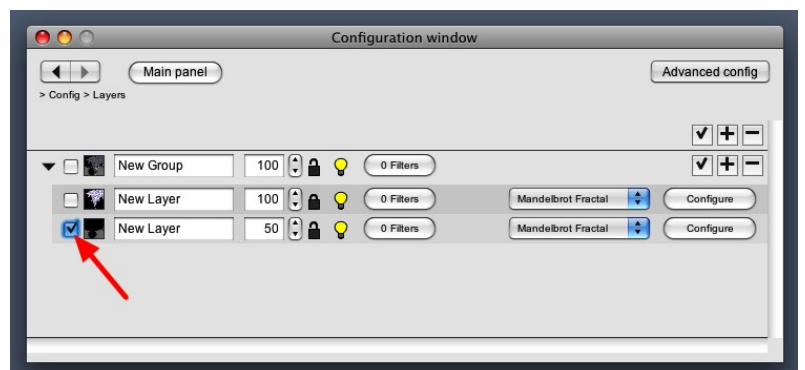The background is displayed under the
layer.

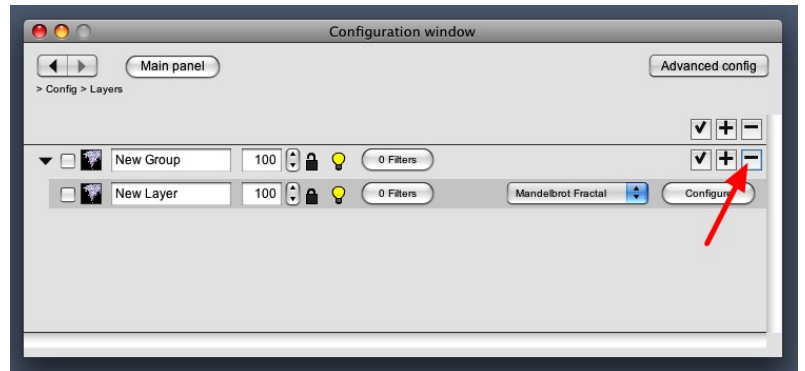## Layers and background

Go to the layers panel.

Layers and background
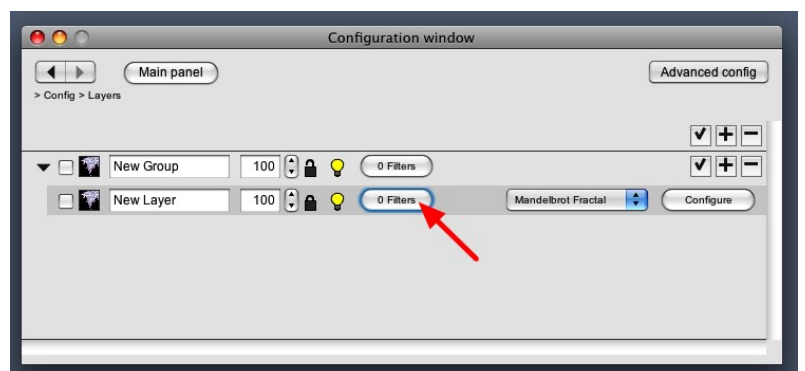
Select the second layer.

Layers and background
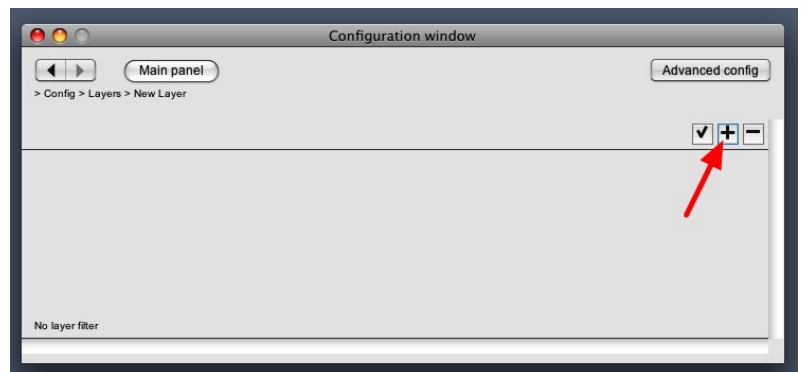
Press remove button to remove the layer.

Filters
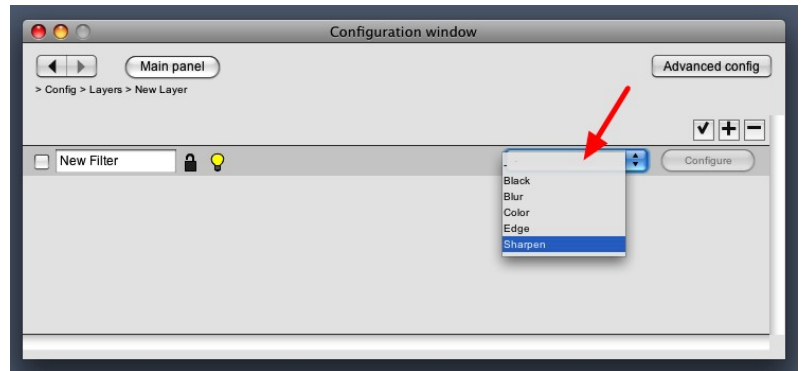
Press filters button on the first layer.

Filters

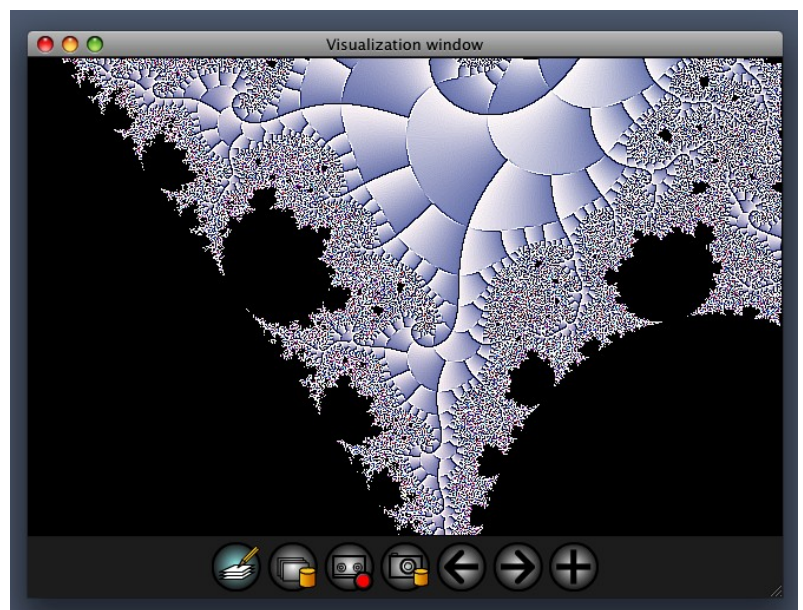In the filters panel you can add or remove filters.
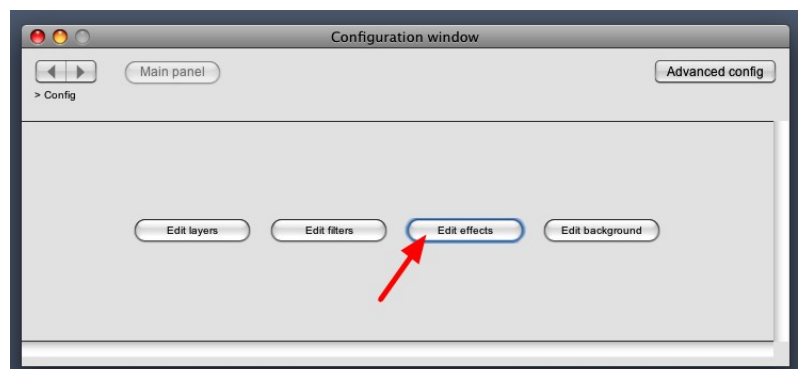
Filters

Add a filter.

Filters

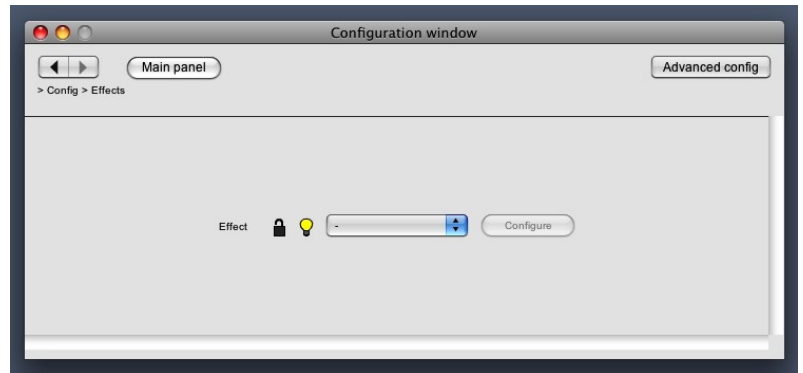The filter is applied in the visualization window.

Effects

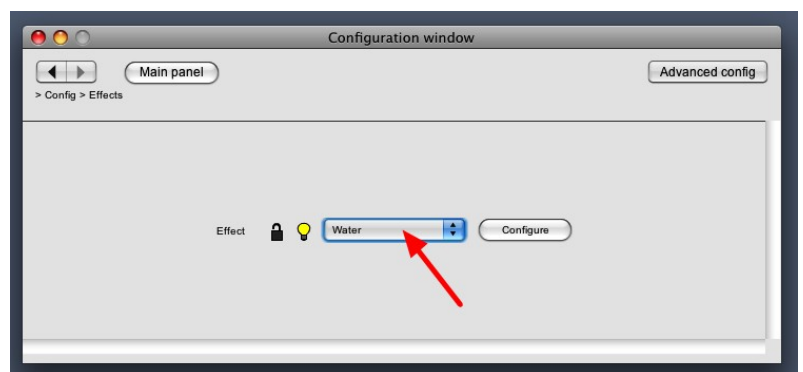Go to the main panel and press edit effects button.

Effects

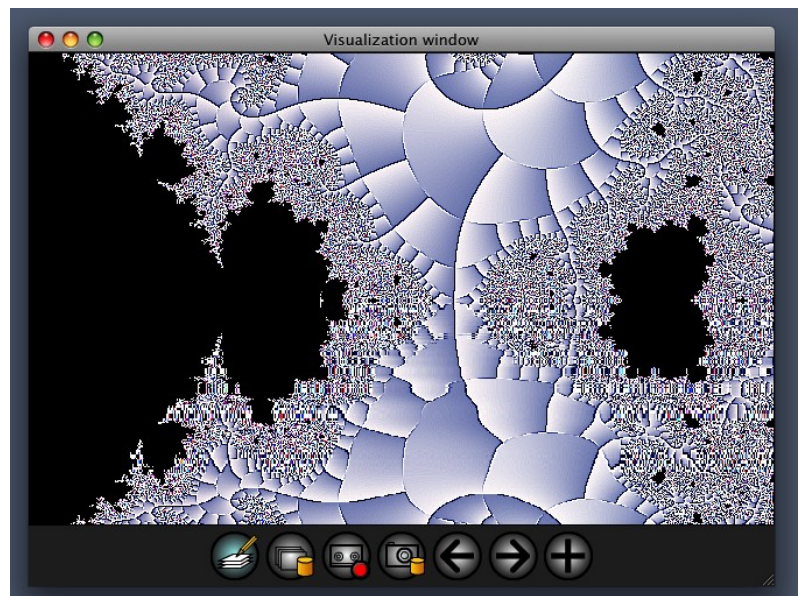In the effects panel you can set a real-time effect.
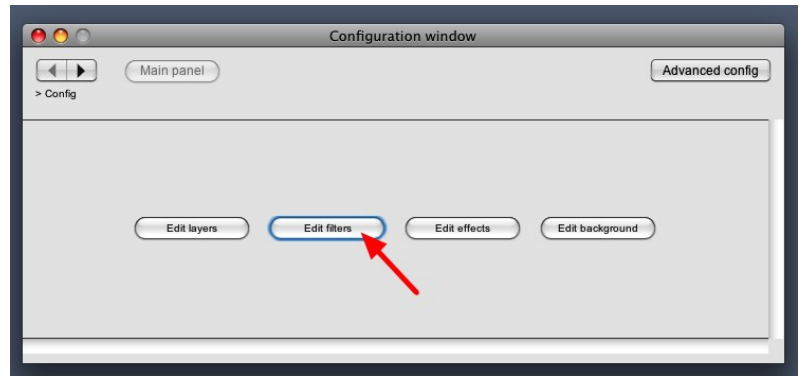

Effects

Select an effect.

Effects

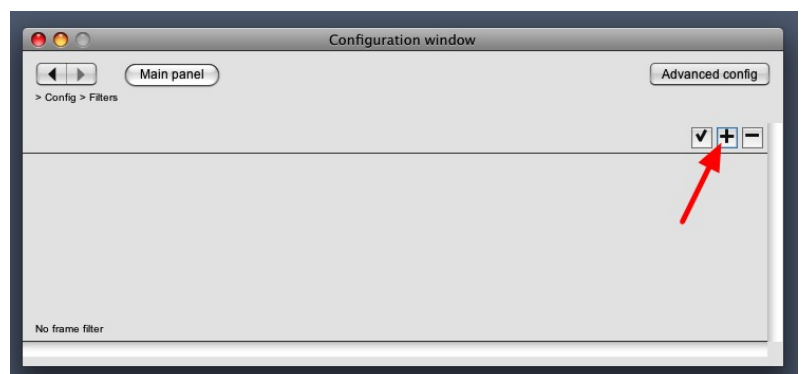The effect is displayed in the visualization window.

Frame filters

Go to the main panel and press the edit filters button.
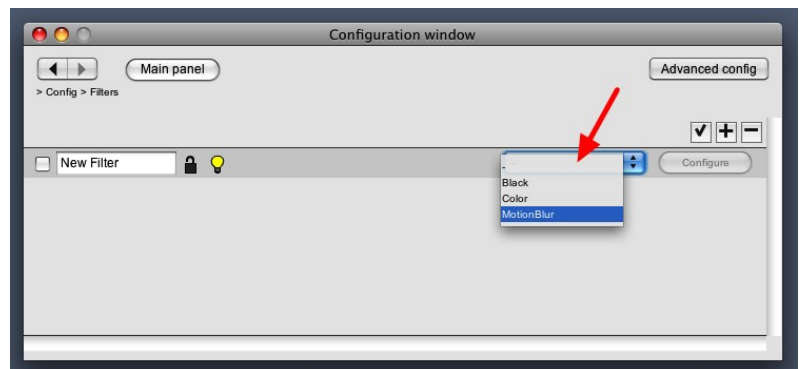

Frame filters

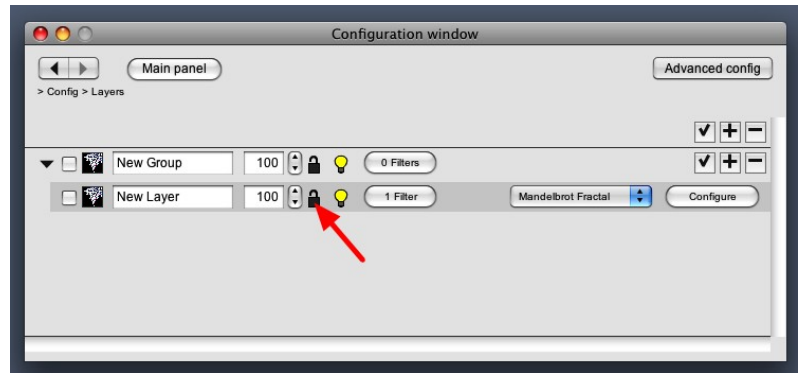In the frame filters panel you can add or remove filters to the frame.

Frame filters

Add a filter.

Frame filters

Go to the layers panel and unlock the first layer.

Frame filters

Zoom to see the filter in the visualization window.