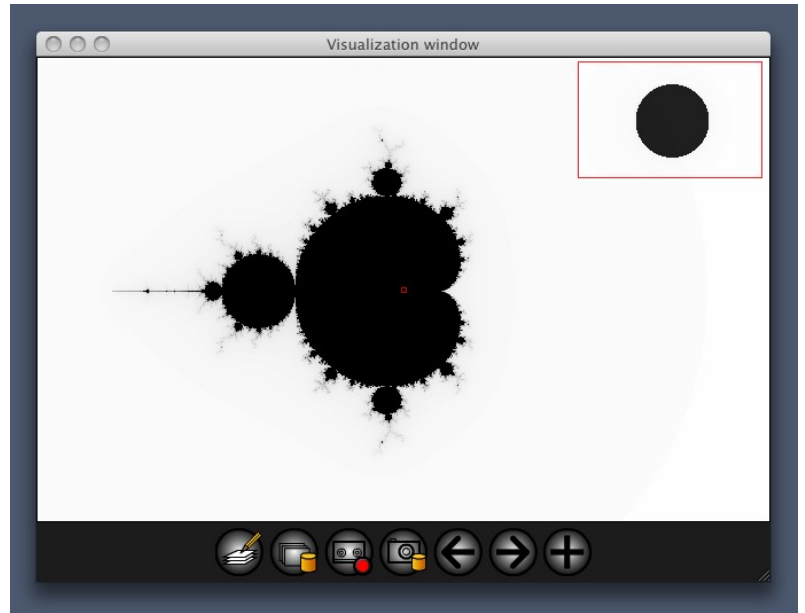


Zooming and working with bookmarks, photos and movies

The visualization window

The visualization window contains the rendered image and other elements, as the preview of the Julia or Mandelbrot set, the orbit and the bookmarks.



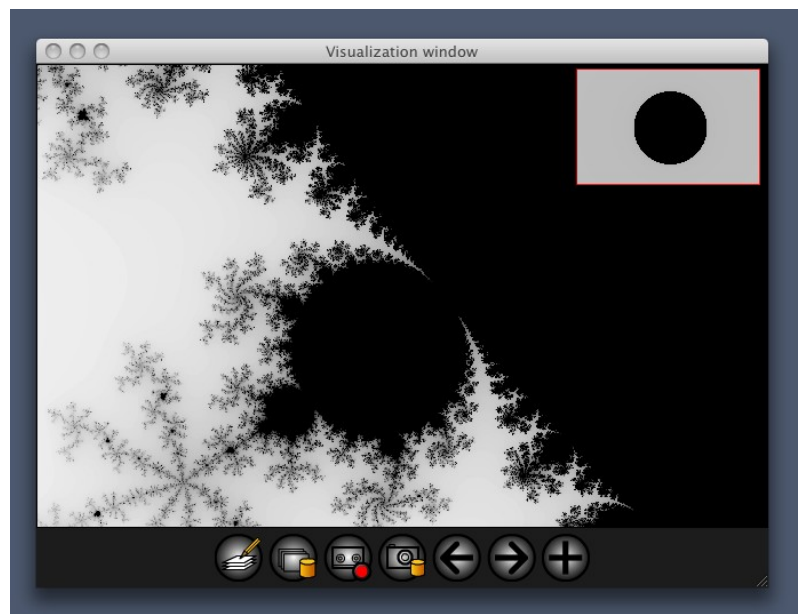
The visualization window

At the bottom of the visualization window there is the main toolbar.



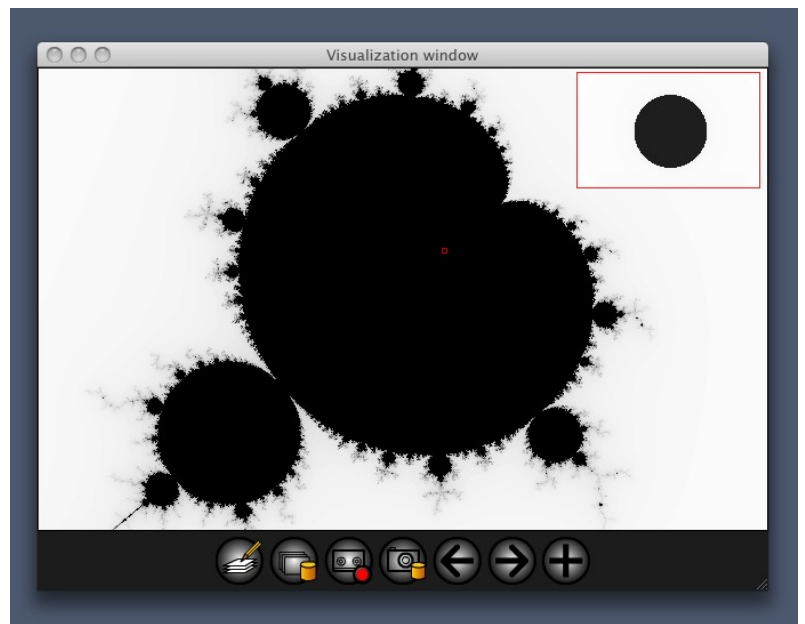
Zooming

Press the left mouse button to zoom in and press the right mouse button to zoom out. While zooming, move the mouse to change the zoom direction. Press the middle mouse button to drag the image.



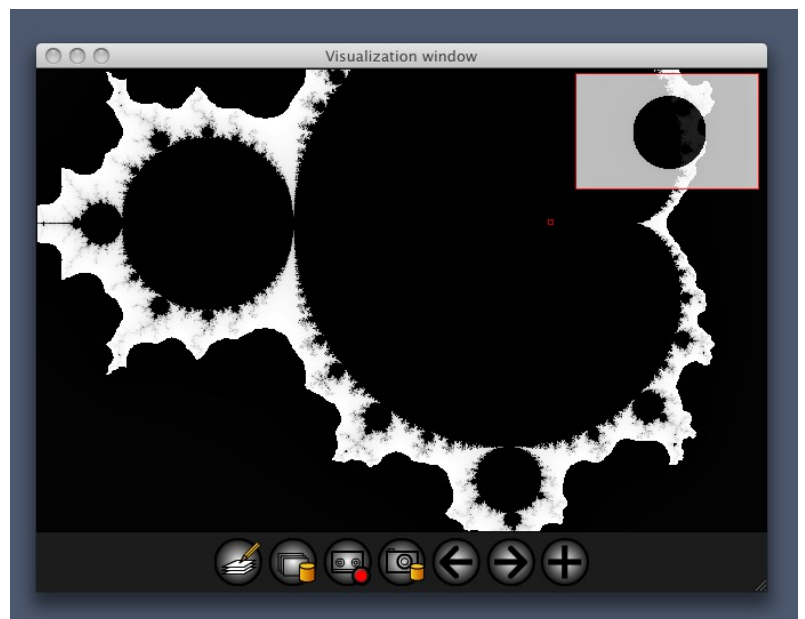
Zooming

Press shift key and left or right mouse button to rotate the image.



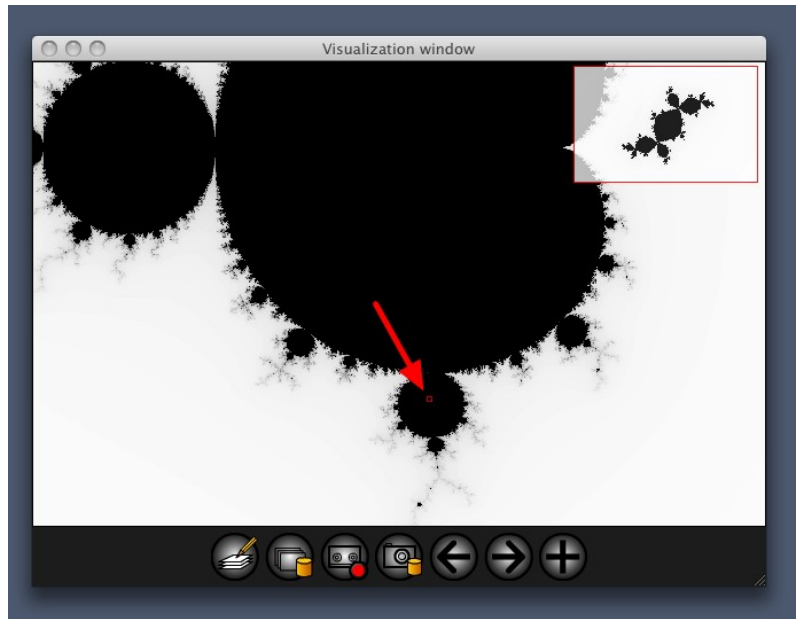
Zooming

Press ctrl key and left or right mouse button to shift the colours (this feature is not available for all the colouring formulas).



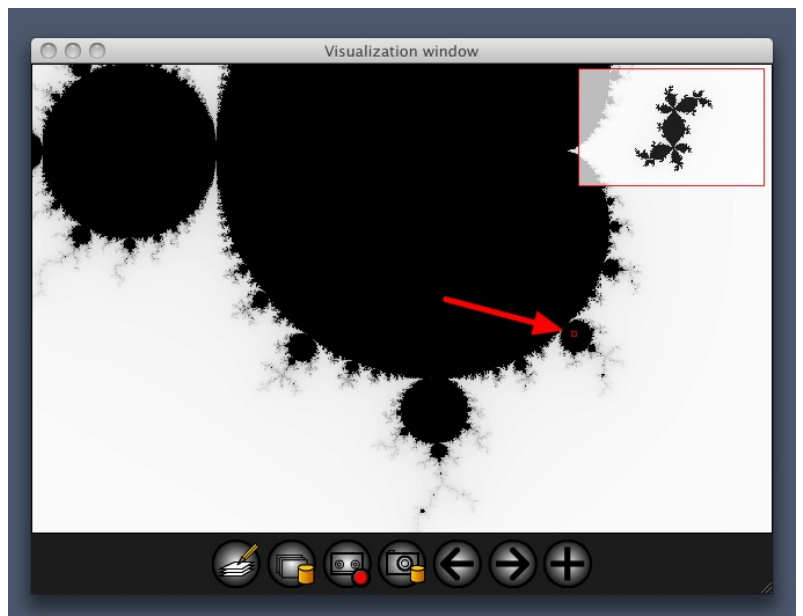
Preview and orbit

The preview in the corner of the visualization window shows the Julia or Mandelbrot set which is defined by the selected point of the set.



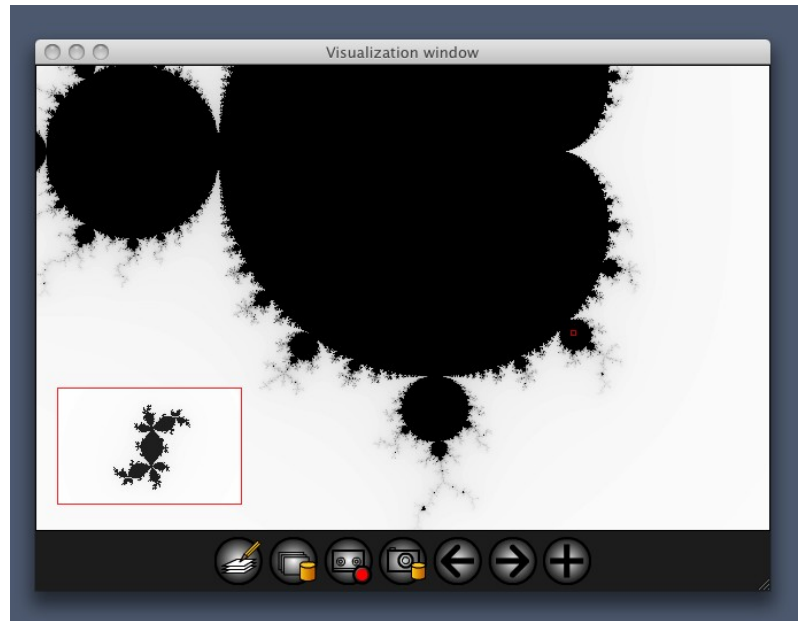
Preview and orbit

Press s key to enable selection mode and move the mouse to select a different point of the set; the preview changes while moving the mouse. If you don't want to change the preview while moving the mouse, hold pressed the left mouse button while moving or press the z key to enable the zoom mode.



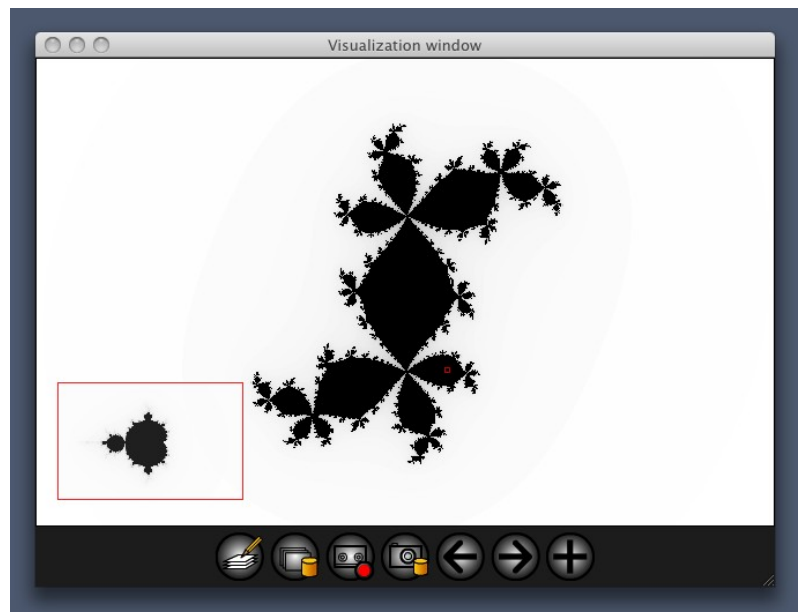
Preview and orbit

Press the left mouse button on the preview and hold it pressed to move the preview.



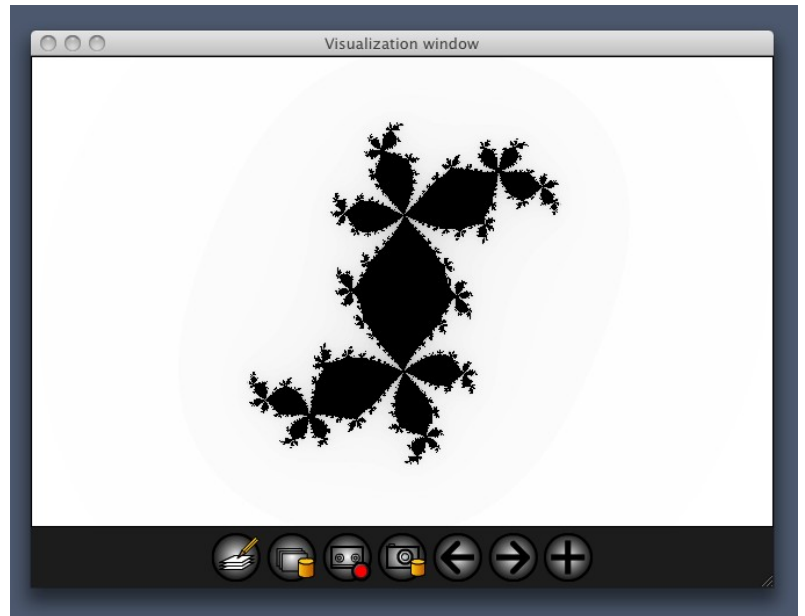
Preview and orbit

Click the left mouse button to change the fractal from Mandelbrot set to Julia set.



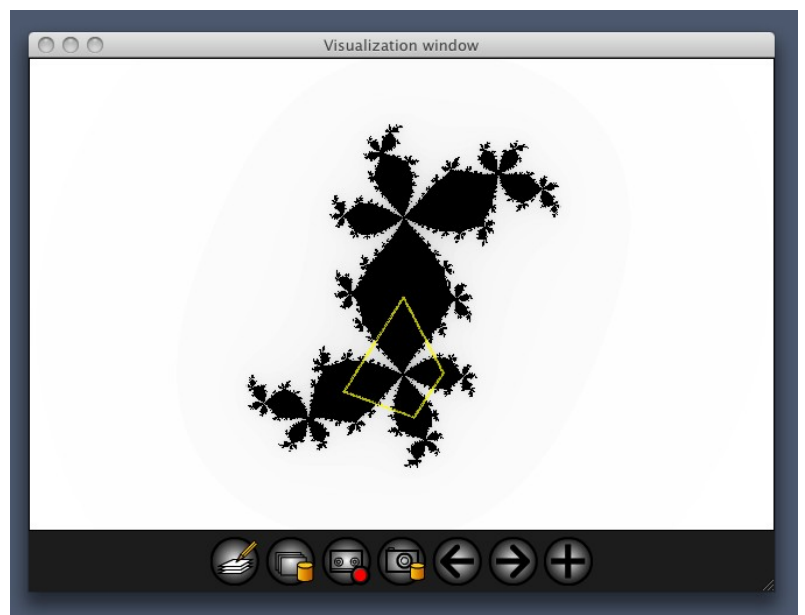
Preview and orbit

Press p key to hide the preview.



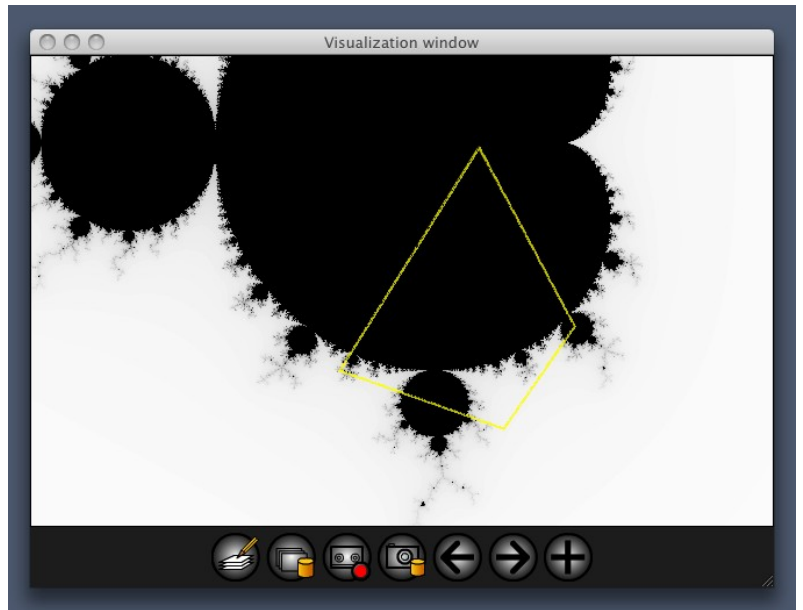
Preview and orbit

Press o key to show the orbit of the selected point.



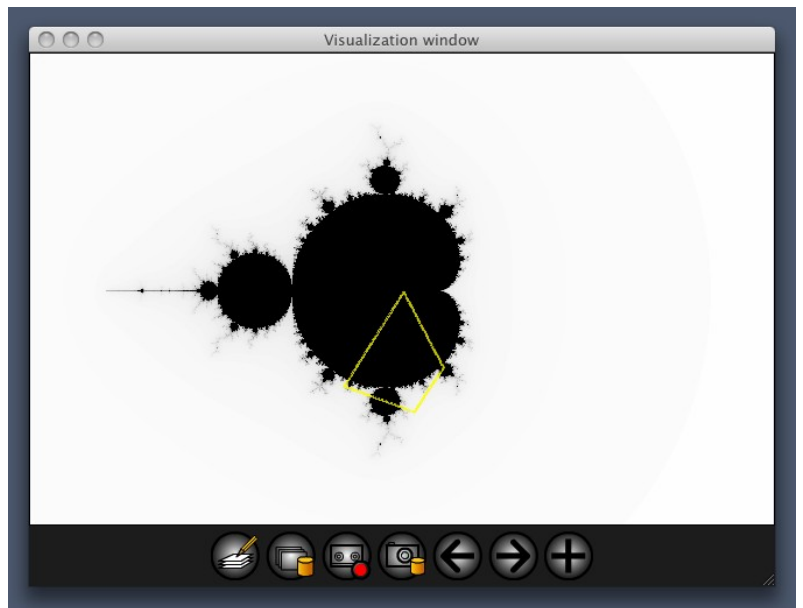
Preview and orbit

Press m key to change the fractal from Julia set to Mandelbrot set.



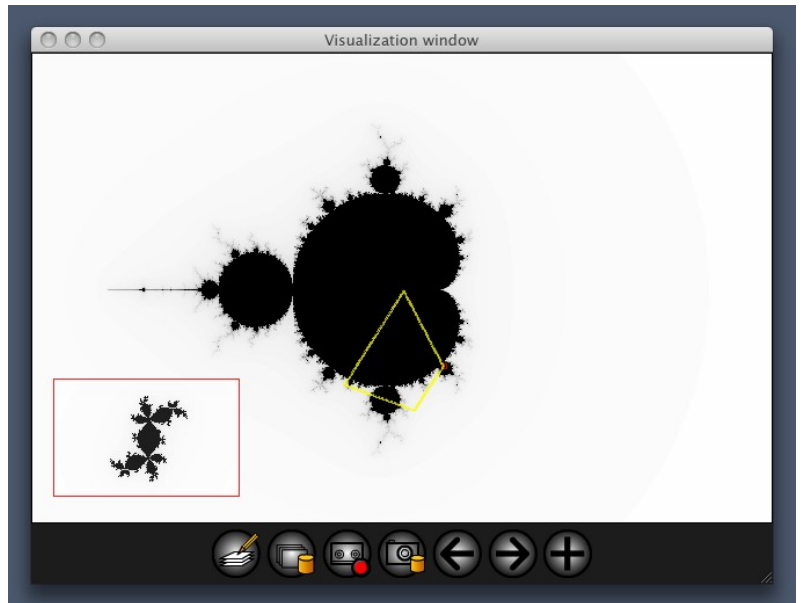
Preview and orbit

Press m key to reset the view.



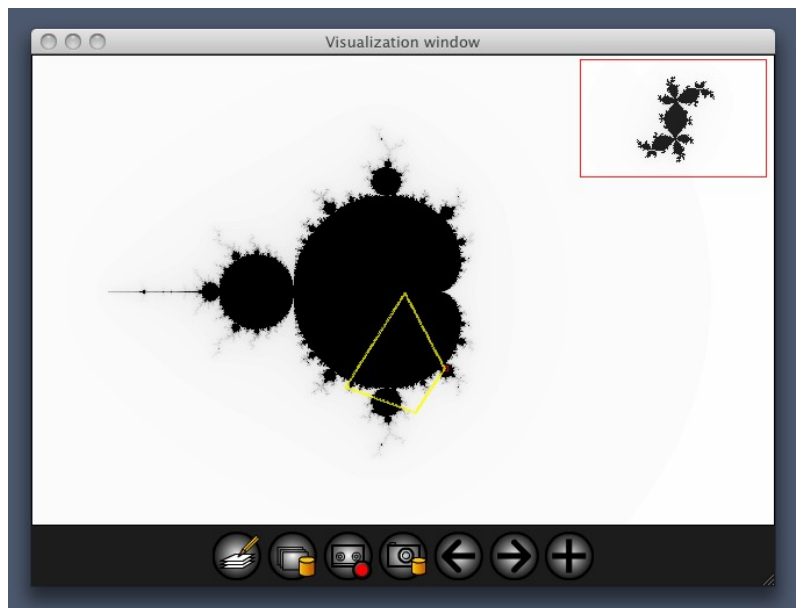
Preview and orbit

Press p key to show the preview.



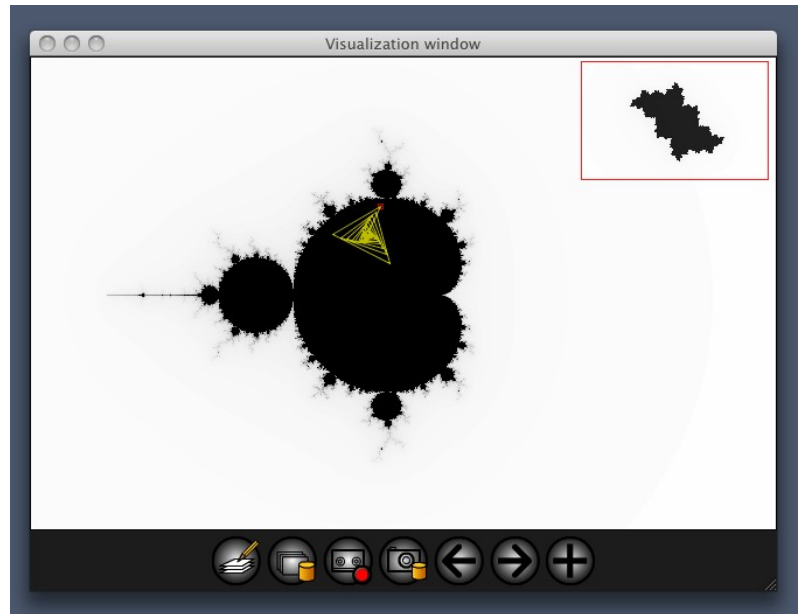
Preview and orbit

Press r key to reset the preview.



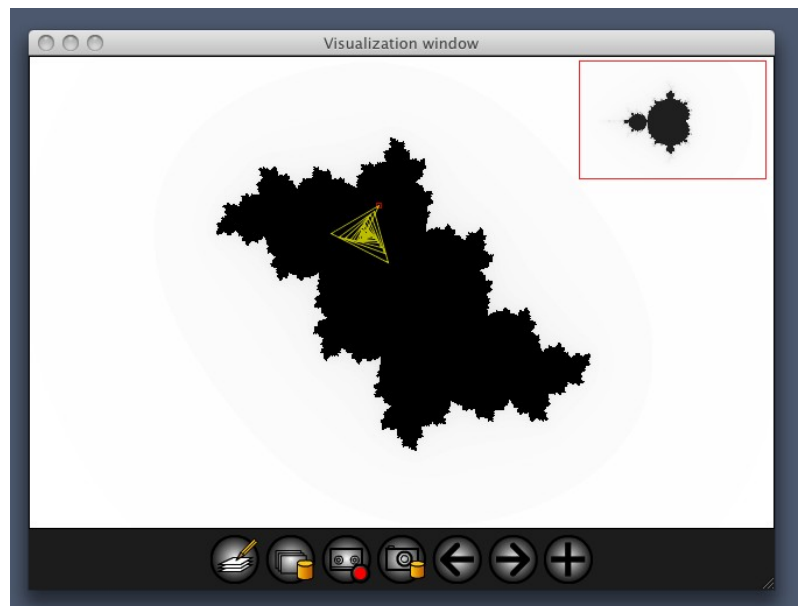
Preview and orbit

Press s key to enable selection zoom mode and select a different point of the set; the orbit changes while moving the mouse. If you don't want to change the orbit while moving the mouse, hold pressed left mouse button while moving or press z key to enable the zoom mode.



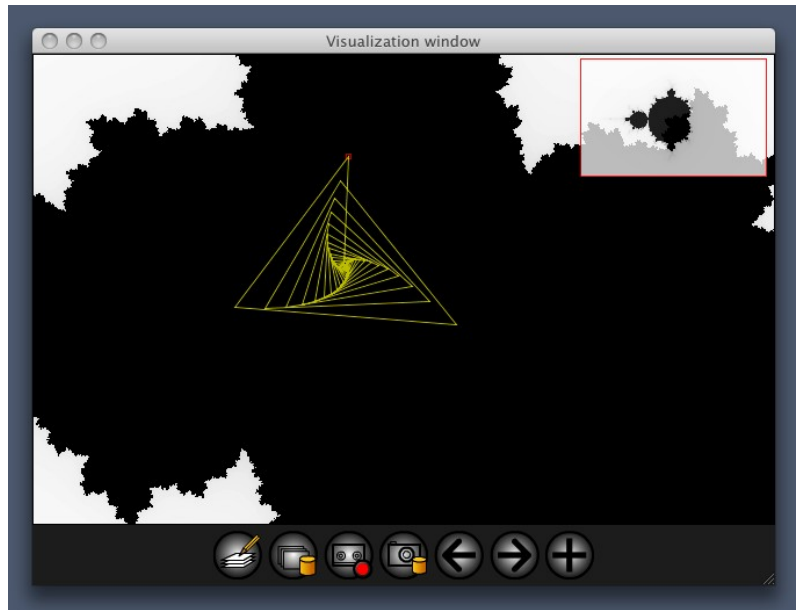
Preview and orbit

Press j key to change the fractal from Mandelbrot set to Julia set.



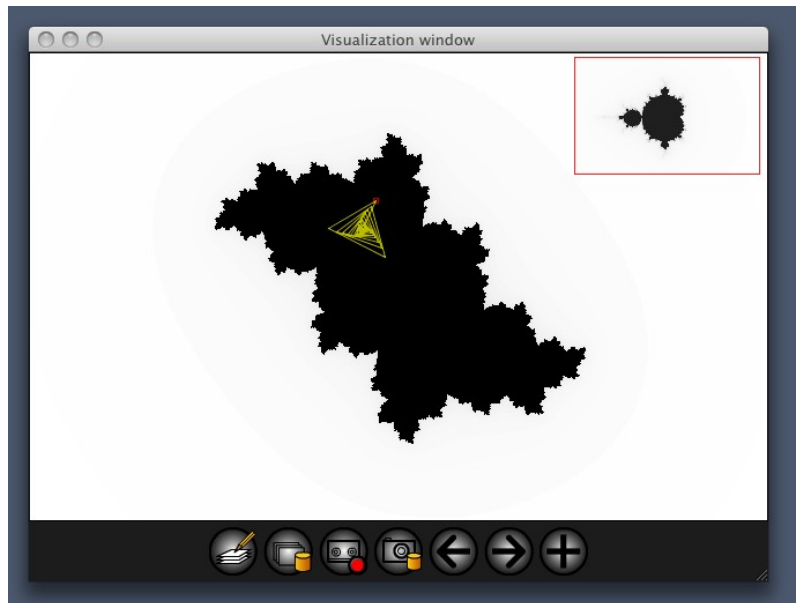
Preview and orbit

Press z key to enable the zoom mode.
You can zoom the orbit.



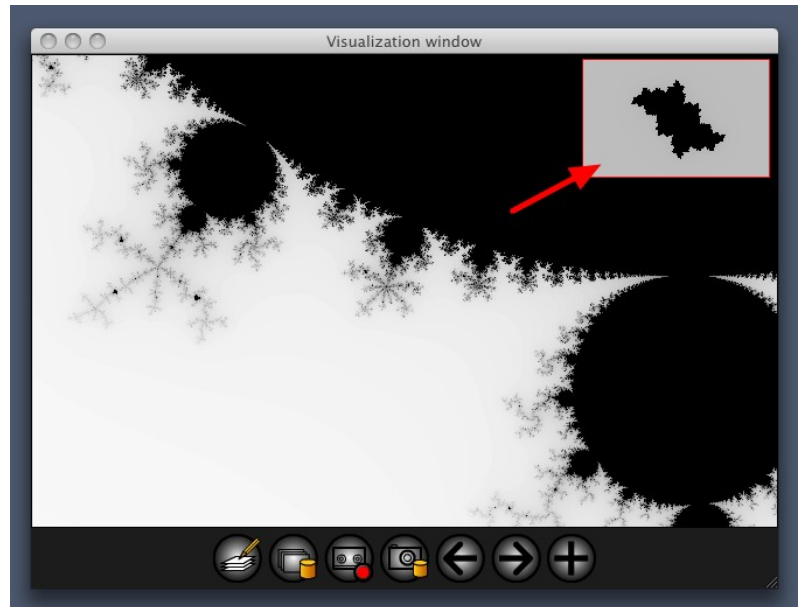
Preview and orbit

Press j key to reset the view.



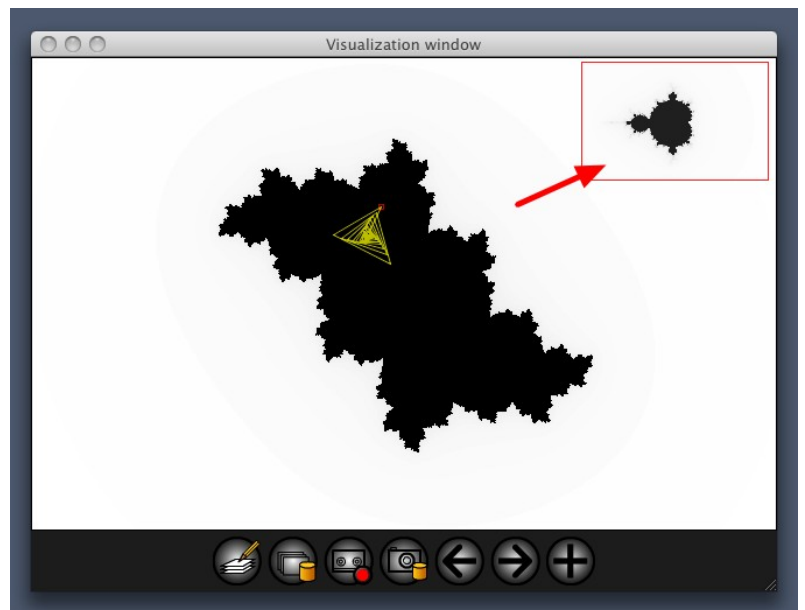
Preview and orbit

Click on the preview to change the fractal from Julia set to Mandelbrot set.



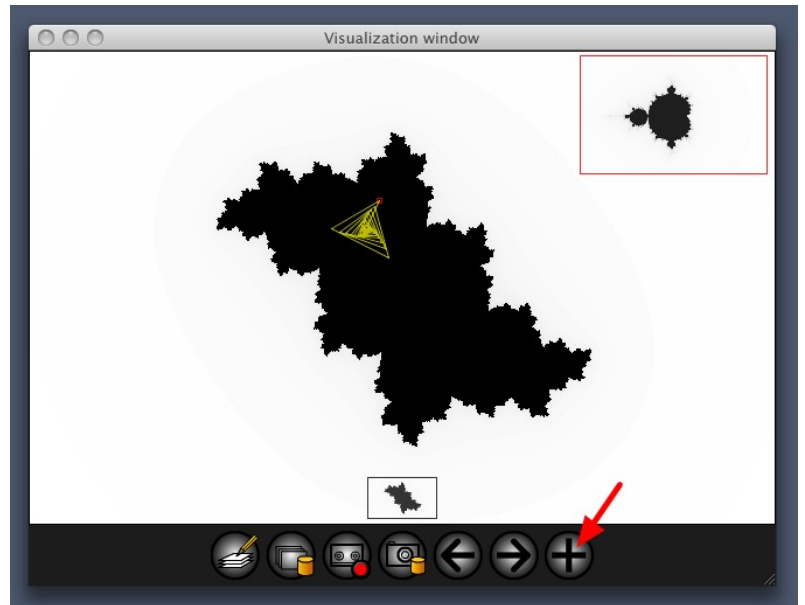
Preview and orbit

Click on the preview to change the fractal from Mandelbrot set to Julia set.



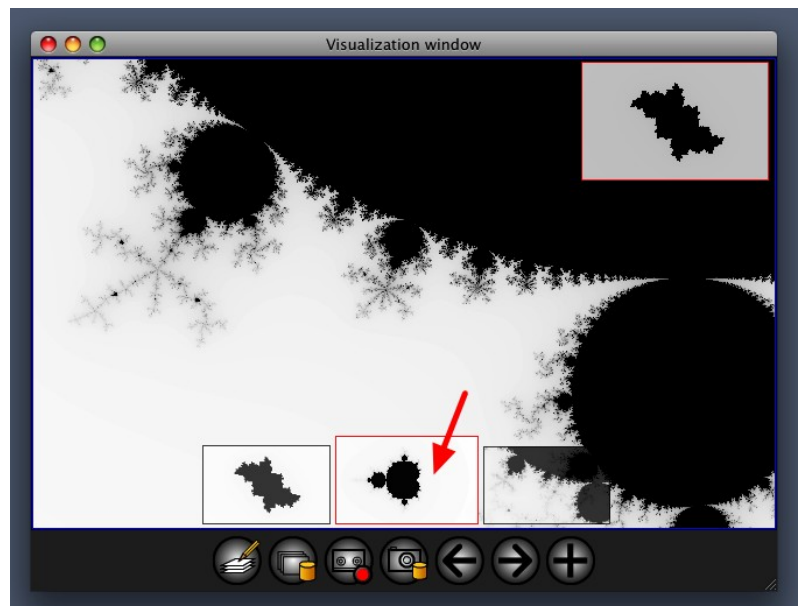
Bookmarks

You can create a bookmarks.



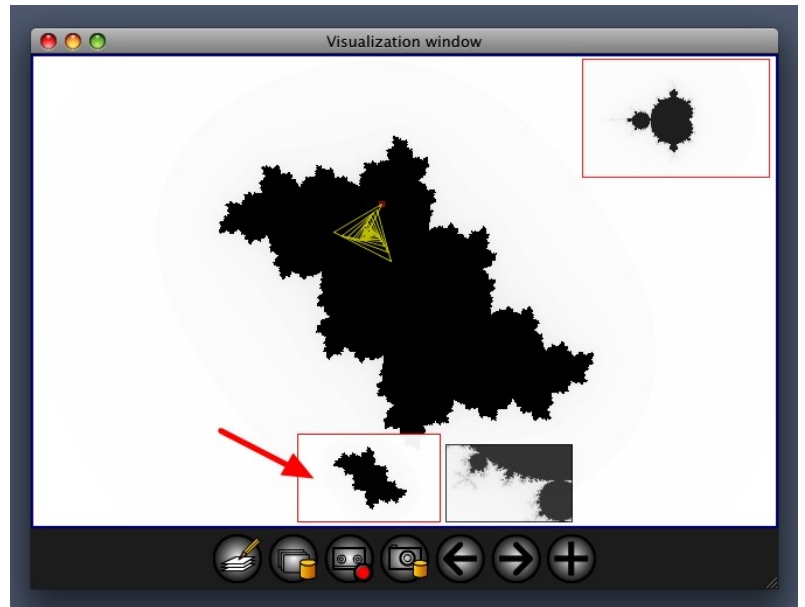
Bookmarks

Press shift key and click on a bookmark to delete it.



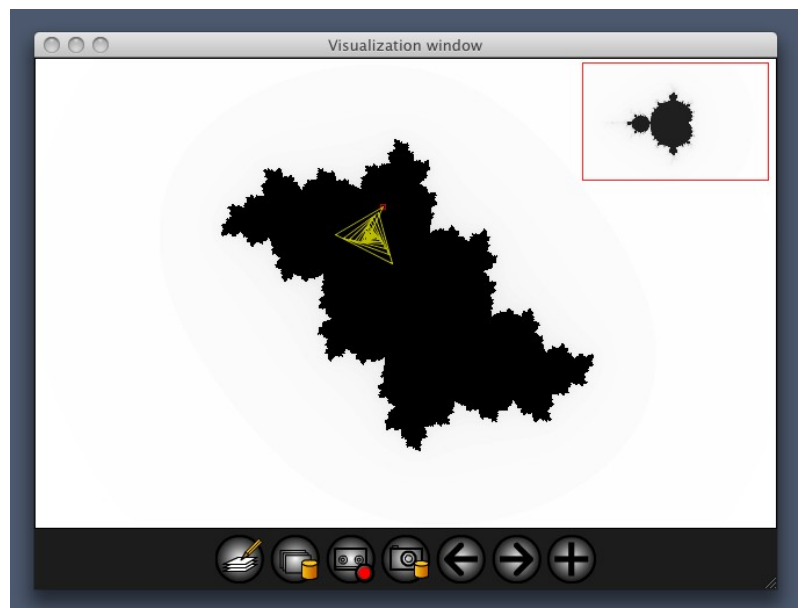
Bookmarks

Click on a bookmark to open it.



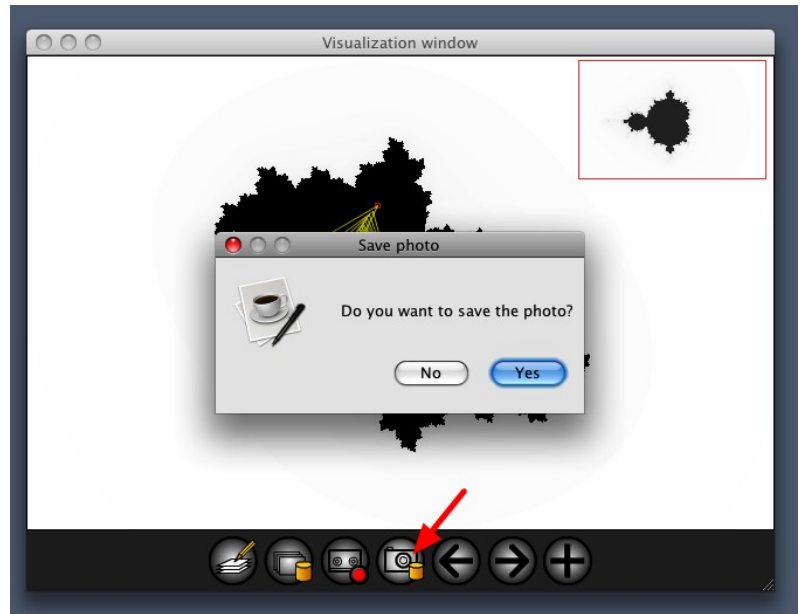
Bookmarks

Press b key to hide the bookmarks.



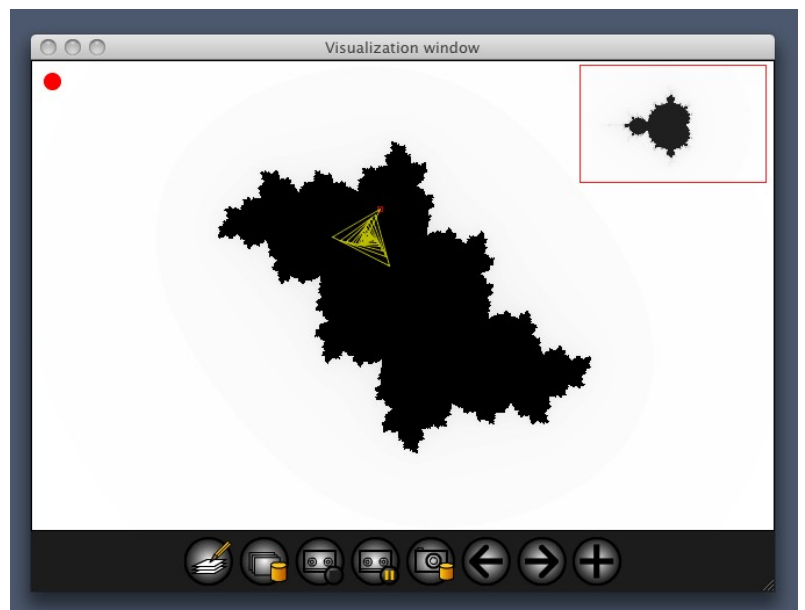
Photos and movies

You can store a photo of your image into the clips library.



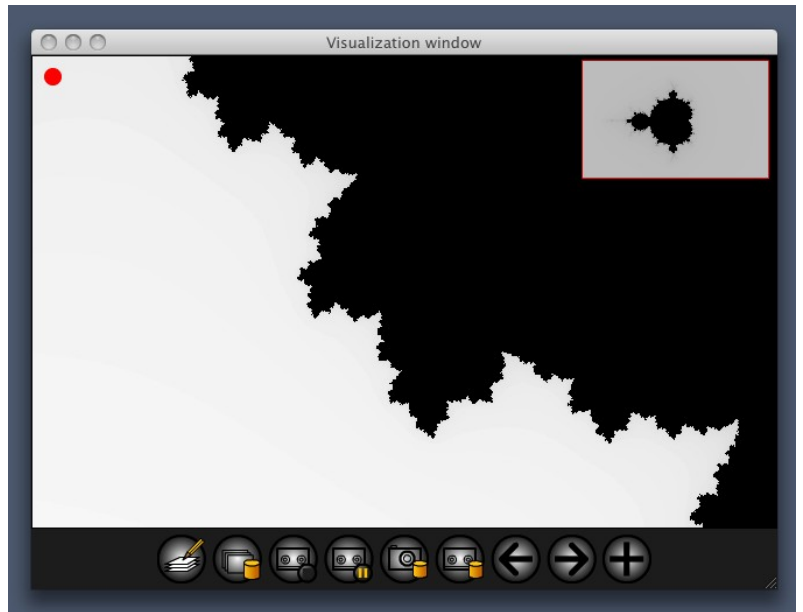
Photos and movies

Press record button to create a movie.



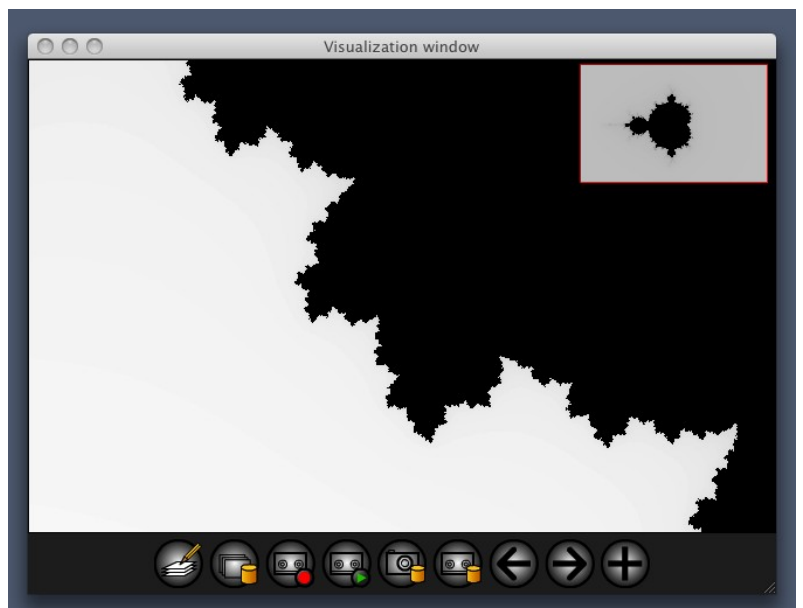
Photos and movies

Try to zoom for a while.



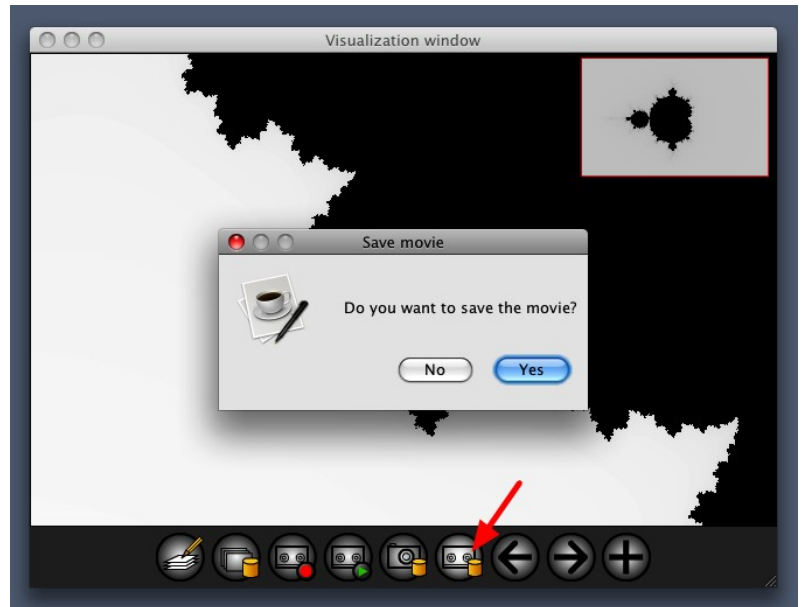
Photos and movies

Press stop button when you finished.



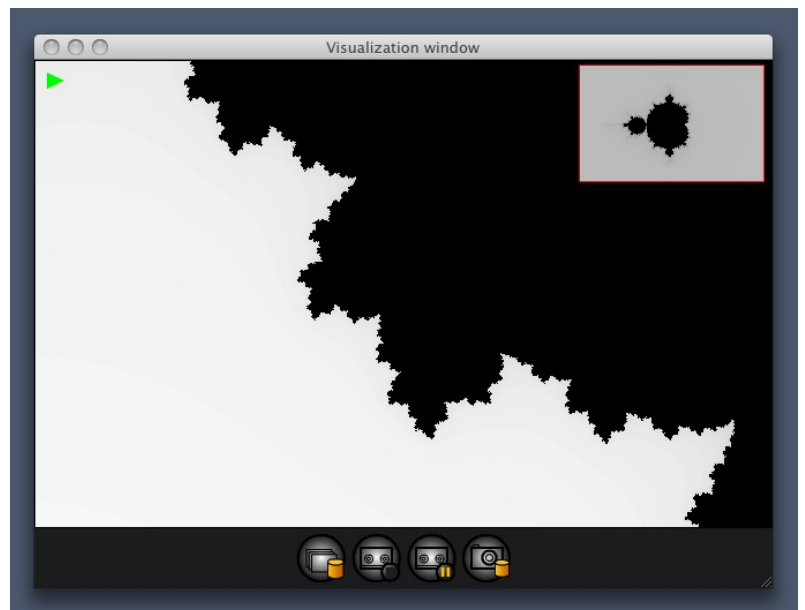
Photos and movies

You can store your movie into the clips library.



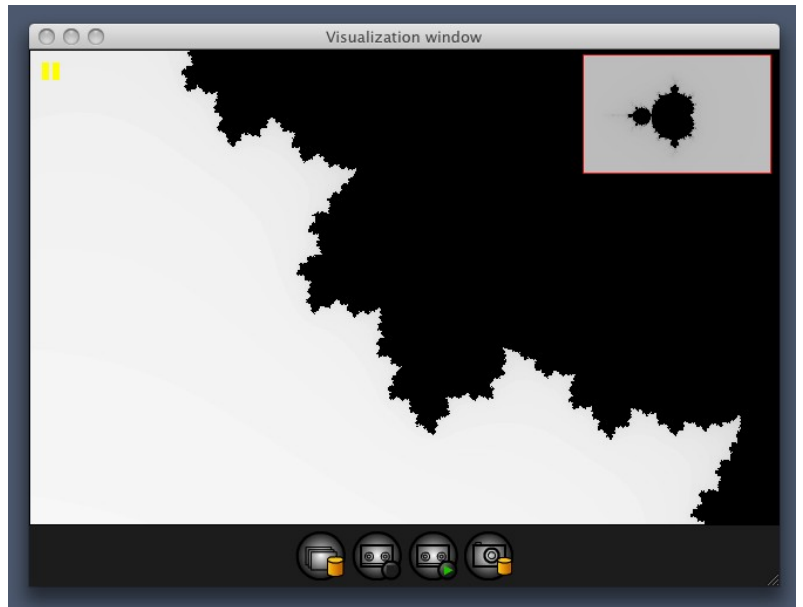
Photos and movies

Press play button to play the movie.



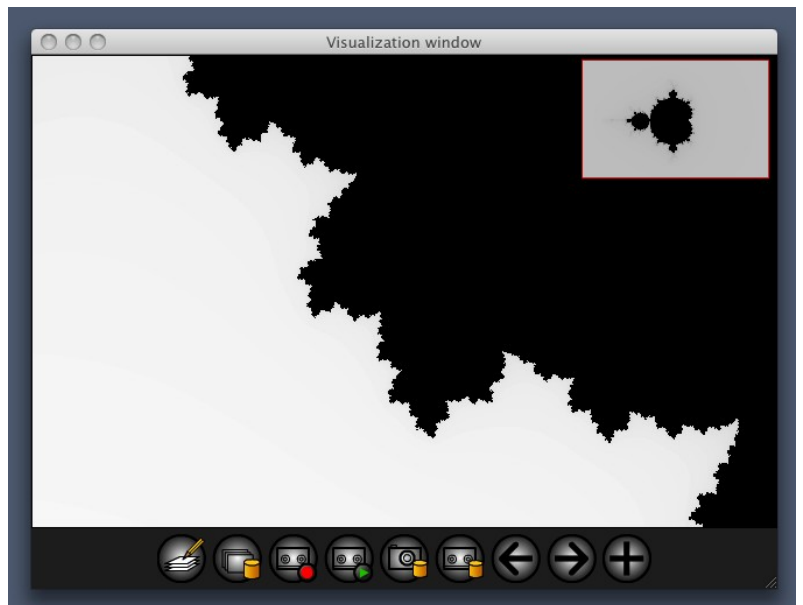
Photos and movies

Press pause button to pause the movie.



Photos and movies

Press stop button to stop the movie.



Photos and movies

Open the service window to access to your clips library.

