

Fractal explorer is a program which enables user to explore Mandelbrot set and several other types of fractals and offers real time zooming in and out of the selected area. Program automatically increases the number of iterations it uses for computations to prevent detail loss with higher magnifications. Fractal explorer has several color schemes to color the calculated image. The colored image can be altered by several simple graphical filters. Resulting image can be saved to hard drive in PNG, BMP or JPG formats. Another function of the program is an ability to render current image to hard drive in specified resolution, the rendered image is antialiased to increase the visual quality.