

The Fok.py file demonstrates a method of drawing images using Python's turtle graphics library functions, which sets up a drawing environment by creating a 194×194 window on the screen and drawing pixel paintings in a specific color order on the screen, advancing one pixel at a time and changing the color once. Here are some important details explained:

`screen.delay(0)` and `screen.tracer(0)` are used to cancel the delay of drawing and turn off automatic refresh, allowing drawing to be completed instantly.

`turtle.colormode(255)` sets the color mode to RGB values, with a range of 0-255 for each color channel.

`turtle.resize(1)` Set the pen size to 1 pixel.

`turtle.speed(0)` sets the speed of the turtle to the fastest, meaning no animation is displayed.

The `D(x, y)` function converts the given coordinates into the coordinate system of the turtle, so that (0,0) is at the center of the screen.

Using `turtle.pencolor()` to change the color of the brush, which is given in the form of RGB tuples.

Using the `turtle.forward(1)` command to move the glans forward by one pixel.

Wait a moment, and finally you can see a WeChat avatar of Fok drawn in the window. Accomplished!



Link:

[Edge-computing-device-programming-for-AI-projects/Assignment_1_Draw_your_own_image_at_main · GuoQuanfeng/Edge-computing-device-programming-for-AI-projects \(github.com\)](https://github.com/GuoQuanfeng/Edge-computing-device-programming-for-AI-projects/Assignment_1_Draw_your_own_image_at_main)