Lab 3: pix2ppm

pix2ppm

You can now test your if-statement zones programs using a simple tool, `pix2ppm`.

`pix2pmm`, courtesy of Dr. John Bellardo, is a program that takes as input the name of any of your if-statement zones executable file, and outputs as the result an image file containing the picture of the if-statment zones recognized by your program complete with grid lines.

The output image is a `Portable Pixel Map` (`ppm`) — a simple image format. In Lab 4 and in some further labs you will learn more about `ppm` files and will write programs to produce them.

In the meantime, you can use `pix2ppm` to test your code.

Use

To use `pix2ppm`, first compile your program, then invoke `pix2ppm` with the name of your executable, and redirect output to a file with extension `.ppm`. Once `pix2ppm` stops working, you can view the image using Eye of Gnome (`eog`), the default image viewer on our Linux systems.

Here is how to view the result of your `zones01.c` program:

```
$ gcc -ansi -Wall -Werror -lm -o zones01 zones01.c
$ pix2ppm zones01 > zones01.ppm
$ eog zones01.ppm&
```

Getting pix2ppm

Instructor's version of `pix2ppm` can be copied from `~dekhtyar/www/101-Fall2008` directory (`cp ~dekhtyar/www/101-Fall2008/pix2ppm .`) or downloaded from the course web page.

Enjoy!