Text file editor: getid

Debug:

Fprintf(stderr, ”the value of i is %d\n”, i);

Gdb command for debug:

Before debug, we must compile file with -g:

Vcc -g foo.c -o foo

 The program performs a local image processing operation and replaces each pixel with the maximum pixel value in it's 4-connected adjacent local pixel neighborhood.

the given template program will read and write the image data, correctly manage the image meta data, and handle the command line options given to the program. All that you need to do in this lab is to modify the part of the program that implements the image processing function itself.

The ".u" specifies an "unsigned char" and a ".s" specifies a "short"

Vfread(&im, IVAL); /\* read file and initialize input structure \*/

Vfembed(&tm, &im,1,1,1,1); /\* image structure with border \*/

Compile the template program vtemp.

vcc vtemp.c -o vtemp

Test it with image data

vtemp im1.vx of=im1.mx

small：

Examine the ASCII "image" tst.a

less tst.a

Generate a VisionX image

vrawtovx -t tst.a of=tst.vx

Display the VisionX image

vppr tst.vx

Test the program vtemp

vtemp tst.vx | vppr