Subject: Linking with usb library
Posted by malaugh on Wed, 27 Jun 2007 23:52:14 GMT
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Forgive my basic questions but I an a newbee at Linux programming and Ultimate++.

I am writing a program that communicates with a USB device. It uses the function usb_init(), usb_open() etc., which are contained in a library called libusb.a in the /usr/lib directory. I wrote a simple console program to test the libary interface

```
usb_init();
usb_find_busses();
usb_find_devices();
usb_busses = usb_get_busses();
for (bus = usb_busses; bus; bus = bus->next)
{
   for (dev = bus->devices; dev; dev = dev->next)
   {
      printf("idVendor:0x%04x\n",dev->descriptor.idVendor);
      printf("idProduct:0x%04x\n",dev-descriptor.idProduct);
   }
}
return 0;
```

I can compile and run this program with the following gcc command:

gcc UsbList.cpp -lusb -lstdc++ -o UsbList

When I try to compile and run it under Ultimate++ I get
linker errors, it cannot find usb_init, usb_find_busses, usb_find_devices, or usb_get_busses.

How to I tell Ultimate++ to link with the usb library?

Thanks