



## Compiling GTK Apps under SuSE 8.0 -8.1

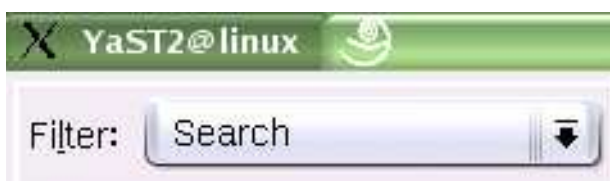
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I have recently purchased SuSE Linux 8.1 professional. Because of their commitment to the superior desktop environment, KDE, their GNOME and GTK compatibilities are questionable. I found it easy to install and compile from source applications using the QT toolkit but had severe crippling problems with GTK and GNOME applications. After 30 hrs of research a high long distance phone bill and losing most of my hair by screaming cursing and pulling my hair out of its roots I have the answers most people need for these particular issues..

One of the things that SuSE does is that it allows you to install the GNOME desktop as well as WindowMaker alongside KDE in order to give consumers a choice. Many GTK developers have wrote off SuSE as a excellent QT development environment but a terrible GTK and GNOME environment. The truth is that SuSE contains many of the tools necessary but they are hidden. Even with installing the advanced development option and the GNOME Desktop options in YAST does not install the GNOME libs devel package or the GTK libs devel package. The workaround for this is quite simple. Under YAST they is a pull down box see below



What you want to do is at the Filter box pull down the menu until you find the option that says search.



Under this option enter the field GNOME in the search box. check off the entry's that say gnome-libs-devel as well as glade and anjuta. When you start the install process since YaST

settles all the necessary dependencies you may have more than just those three packages. Before you start the install process though, clear the search box and type gtk but just make sure you have checked all the necessary packages from the GNOME entry. When you get to the GTK section check off the following packages:

GTK libs devel  
gtkemm

Once again you will have additional packages because of YaST's automatic dependency resolve feature. Now click on accept and have the SuSE install CDs handy it will ask you for cds 2,3,4. Now you will have the ability to compile GTK and GNOME applications.

Enjoy.