Subject: Re: Compile to 32 bit on Linux 64 bit
Posted by forlano on Wed, 10 Jan 2018 14:18:11 GMT

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Zbych wrote on Mon, 08 January 2018 21:23

And I made the test on ubuntu 16.04 this time. All I had to install was:
sudo apt-get install gcc-multilib g++-multilib
sudo apt-get install lib32z1-dev

I confirm that this works even on lubuntu 17.10 for CONSOLE appliccation.

However for GUI program it is not enough. Other libraries in :i386 version need to be installed.
At moment I was not able to install everything. The Xft lib in 32 bit mode cannot stay with the one
in 64 bit (apt-get want to remove one to accomodate the other). So I preferred to not spoil the 64
bit system. Maybe exist some way to install what is necessery.

Luigi

edit: today I have installed libxft-dev:i386 . The installation removed the libxft-dev at 64 bit.
However I was able to compile a 32 bit application.
Then I tried to compile the 64 bit application. Obviously the compiler complained the missing
libxft-dev. I tried to install it but it removed the 32 bit version! A nightmare.
It seems libxft-dev cannot coexist in the same machine in 32 and 64 bit mode. This prevent to
compile easily a program in 32 and 64 bit... at least on lubuntu