Subject: apps built depends on libstdc++
Posted by bonami on Fri, 13 Mar 2015 08:59:12 GMT
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i built an app with theide on Ubuntu 14 and copy it to Ubuntu 12.
Then it complains
/usr/lib/x86_64-linux-gnu/libstdc++.so.6: version `GLIBCXX_3.4.20' not found
How to compile a bin to be used on other versions of Linux?

Subject: Re: apps built depends on libstdc++
Posted by mirek on Sat, 14 Mar 2015 15:16:16 GMT
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bonami wrote on Fri, 13 March 2015 09:59i built an app with theide on Ubuntu 14 and copy it to Ubuntu 12.
Then it complains
/usr/lib/x86_64-linux-gnu/libstdc++.so.6: version `GLIBCXX_3.4.20' not found
How to compile a bin to be used on other versions of Linux?

Short answer: You cannot. Welcome to linux...

Mirek

Subject: Re: apps built depends on libstdc++
Posted by sergeynikitin on Sat, 14 Mar 2015 17:32:47 GMT
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Why not????

google with the words:

compile chroot environment LD_LIBRARY LD_LIBRARY_PATH

and YES, Welcome to LINUX!!!

Subject: Re: apps built depends on libstdc++
Posted by mirek on Sun, 15 Mar 2015 10:03:10 GMT
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sergeynikitin wrote on Sat, 14 March 2015 18:32Why not????

google with the words:

compile chroot environment LD_LIBRARY LD_LIBRARY_PATH

and YES, Welcome to LINUX!!!

That is not SHORT answer...

Subject: Re: apps built depends on libstdc++
Posted by sergeynikitin on Mon, 16 Mar 2015 16:10:18 GMT
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This is not direct receipt, but the way! Linux way!

Subject: Re: apps built depends on libstdc++
Posted by bonami on Fri, 27 Mar 2015 08:41:52 GMT
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This time, I have my app built with a recipe on Launchpad for Precise.
On my Precise 12.04.4, I install this app but it still has this error.
It works on the other Precise of mine, 12.04.5.
But on both machines, "strings /usr/lib/x86_64-linux-gnu/libstdc++.so.6.0.16 |grep GLIBC"
produces no GLIBCXX_3.4.20.
Both gcc 4.6.3.

This post said I can link the lib to my app with -static-libstdc++
http:// stackoverflow.com/questions/19386651/how-to-fix-usr-lib-libs
tdc-so-6-version-glibcxx-3-4-15-not-found
If so, how to add it to my umk command to build the app?

Thank you very much.

Subject: Re: apps built depends on libstdc++
Posted by dolik.rce on Fri, 27 Mar 2015 09:33:59 GMT
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bonami wrote on Fri, 27 March 2015 09:41This post said I can link the lib to my app with -static-libstdc++
http:// stackoverflow.com/questions/19386651/how-to-fix-usr-lib-libstdc-so-6-version-glibcxx-3-4-15-not-found
If so, how to add it to my umk command to build the app?
You can add it to your GCC.bm, in the RELEASE_LINK option.

Honza

Subject: Re: apps built depends on libstdc++
Posted by bonami on Tue, 31 Mar 2015 08:53:43 GMT
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the generated bin becomes larger, 1100k from 900k.
but it still complains "/usr/lib/x86_64-linux-gnu/libstdc++.so.6: version `GLIBCXX_3.4.20' not found"

Subject: Re: apps built depends on libstdc++
Posted by bonami on Thu, 02 Apr 2015 01:54:11 GMT
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seems my libc is not installed complete. not all packages are of the same version. Some is newer, which makes it want to find 3.4.20.
So, I will try to turn those to the lower version again.
Anyway, the static link idea does not work, maybe because I am still using a dynamic library depending on libc.
