Subject: Distribute U++ applications as binaries. Update to 2024
Posted by koldo on Mon, 27 May 2024 06:03:16 GMT
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Hello all.

I wanted to ask you what are the current ways to distribute a U++ application as a binary, especially on Linux.
The less knowledge the user needs to have, the better.

Subject: Re: Distribute U++ applications as binaries. Update to 2024
Posted by Tom1 on Mon, 27 May 2024 10:12:24 GMT
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Hi Koldo,

Maybe you wish to take a look at AppImage:

https://appimage.org/
https://en.wikipedia.org/wiki/AppImage

Actually, it would be nice to have TheIDE creating AppImages some day...

Best regards,

Tom

Subject: Re: Distribute U++ applications as binaries. Update to 2024
Posted by Zbych on Mon, 27 May 2024 18:08:24 GMT
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Hi,

I've done some tests with AppImage, it works, but it's just a simple container. Nothing more.
My quick tutorial is here: https://www.ultimatepp.org/forums/index.php?t=msg&th=122
00&start=0&

The AppImage tools don't tell you what libs to pack with your application to make it portable.
So the most tedious task - testing whether your application works on different distributions - still needs to be done somehow.
On ubuntu 24.04 you also need to install libfuse2.

Subject: Re: Distribute U++ applications as binaries. Update to 2024
Posted by koldo on Tue, 28 May 2024 06:04:51 GMT
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Thank you Zbych, thank you Tom for your advice

I'll try it out. I'll let you know.

Subject: Re: Distribute U++ applications as binaries. Update to 2024
Posted by koldo on Sat, 01 Jun 2024 08:16:30 GMT
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First chapter

First thing has been to follow this recommendation: "The binaries contained in the AppImage need to be compiled on a system not newer than the oldest base system that the AppImage is intended to run on."

I have struggled as much as I could to install U++ on Ubuntu 18.04, but without success, due to libcrypto first and Glibc later... This has been too difficult.
Finally I tried Ubuntu 20.04, and U++ was installed on the first try.

Now I will continue with the next chapters...