Subject: Linux Executable
Posted by adham_selim on Wed, 04 Aug 2021 11:11:38 GMT
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I need to build a .exe for linux but im using U++ on windows. Is there a way to do this or will I have to install linux?

Subject: Re: Linux Executable
Posted by mirek on Wed, 04 Aug 2021 12:36:58 GMT
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adham_selim wrote on Wed, 04 August 2021 13:11I need to build a .exe for linux but im using U++ on windows. Is there a way to do this or will I have to install linux?

You have to install linux (in VM perhaps).

Also be warned, things are more complicated, there is nothing like ".exe for Linux". Best you can do is ".exe" for specific linux distribution, like Ubuntu 2021.4 (that is also why U++ ide recompiles on installation).

Subject: Re: Linux Executable
Posted by Zbych on Wed, 04 Aug 2021 18:08:20 GMT
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mirek wrote on Wed, 04 August 2021 14:36Best you can do is ".exe" for specific linux distribution

I haven't tried it myself, but AppImage looks like solution of this problem: https://appimage.org/

Subject: Re: Linux Executable
Posted by Novo on Thu, 05 Aug 2021 01:58:37 GMT
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adham_selim wrote on Wed, 04 August 2021 07:11I need to build a .exe for linux but im using U++ on windows. Is there a way to do this or will I have to install linux?
Try to check what Docker can do for you.
Docker is based on Linux containers (lightweight version of VM).
Advantage - you do not need to install Linux. Docker will automatically download a preinstalled image for you.
Disadvantage - you will need to learn how to use Docker.
There are images with preinstalled Clang or GCC.
You'll just need to create an image with U++, which is using umk as a build tool.

Subject: Re: Linux Executable
Posted by mirek on Thu, 05 Aug 2021 07:36:05 GMT
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Novo wrote on Thu, 05 August 2021 03:58adham_selim wrote on Wed, 04 August 2021 07:11I need to build a .exe for linux but im using U++ on windows. Is there a way to do this or will I have to install linux?
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Guys, why I appreciate your suggestions, this is Newbie corner...

Subject: Re: Linux Executable
Posted by Novo on Thu, 05 Aug 2021 23:28:12 GMT
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mirek wrote on Thu, 05 August 2021 03:36Novo wrote on Thu, 05 August 2021 03:58adham_selim wrote on Wed, 04 August 2021 07:11I need to build a .exe for linux but im using U++ on windows. Is there a way to do this or will I have to install linux?
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Guys, why I appreciate your suggestions, this is Newbie corner...
What's wrong with Docker? It is the same VM, but instead of installing packages manually you do this via a script (a Dockerfile).
Nobody uses VMs directly these days. A worst case scenario is a container. But Docker is even easier than that, although it is better suited for server apps.

Subject: Re: Linux Executable
Posted by Novo on Fri, 06 Aug 2021 00:25:46 GMT
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Useful info:
dockcross - Cross compiling toolchains in Docker images