Subject: Dependecies for u++ programs on linux
Posted by Alboni on Thu, 30 Jun 2022 13:13:00 GMT
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Hello, is there a list of packages that are needed to deploy u++ programs? (ubuntu 22.04 64 bit)
I've peeked in the install script for upp but I suppose a lot of those are not needed if I distribute binaries. (gcc, lib*-dev etc)

Subject: Re: Dependecies for u++ programs on linux
Posted by Novo on Sun, 03 Jul 2022 04:41:33 GMT
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ldd your_app

should show you all dependencies of your app.
Usually, you do not need to distribute anything besides your binary.
If you have doubts about dependencies, you can try to install distros of your choice in a VM and test your app there.
Actually, you do not need to create VMs on Linux, it is enough to create LXC containers.

Subject: Re: Dependecies for u++ programs on linux
Posted by Oblivion on Sun, 03 Jul 2022 06:26:33 GMT
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Alternatively, you can use

objdump -p /path/to/the/executable | grep NEEDED

You can also automate this, using TheIDE's macro system (Provided that you are using theIDE...)

Best regards,
Oblivion

Subject: Re: Dependecies for u++ programs on linux
Posted by Oblivion on Sun, 03 Jul 2022 08:47:33 GMT
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Example macro code for TheIDE.

```
macro "Show executable dependencies" {
 ClearConsole();
 // Executable must be already built...
 Execute("/bin/sh -c \"objdump -p " + Target() + " | grep NEEDED\"");
}
```

Best regards,
Oblivion
