Subject: Re: Create installer .deb or .rpm
Posted by dolik.rce on Sat, 02 Mar 2013 23:11:37 GMT
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Hi Federico,

fedePereyra wrote on Sat, 02 March 2013 22:32I'm new in Ultimate++ and I'm developing an application. I need create an installer for this applications for Ubuntu (.deb or .rpm). My question is how i can do this in Ultimate++?

The fact that you are new to U++ is not a problem when it comes to packaging, much more important is what you know about how package managers work...

I understand you want to distribute your application on Ubuntu, so you should use deb (rpm can work there too, but deb is standard). Now, there is many ways how to create a deb package, I'd say at least 20, even if I don't count minor variations Probably the best source to learn about debs is Debian Policy Manual. It describes mainly various files and processes that play some role in various stages of life of .deb package. It is quite long too and took me several iteration to comprehend most of it

Another thing is that each type of application has some specific packaging properties. In general you should know well how linux filesystem is organized and where the files should be put. Also the intended audience may influence your decisions, e.g. whether you want to support multiple architectures and/or distribution versions or if you just want to make your life simpler when installing your application on couple PCs on local network.

If you tell me little more about what exactly you need, I can help. I think the easiest way should be adding a subpackage to your application that would hold all the additional files needed for packaging. The process itself can be simply scripted then and if you are interested in integrating it with TheIDE, it is possible to create a macro bound to keyboard shortcut that would launch the packaging script.

Thinking of it, it might even be possible to write such thing as a generic package, so any application could be packaged just by adding a package and few special files... I have to think about that, it might be quite helpful

Meanwhile, you can have a look at the attached script. I used that to package sandbox/Watchdog/Server when I needed easy way to deploy it on a server. It contains setting specific to my environment, so I haven't committed it to svn, but it should still work. It is not perfect (actually it is ugly and dirty), but it might work for other packages as well, perhaps with little or no work. If you don't plan to use it on big scale, it should be enough, otherwise I can help you to put together some cleaner solution.

Best regards,
Honza

File Attachments
1) upp2deb.sh, downloaded 403 times