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Subject: [EFFING PACKAGE MANAGEMENT] Provide cross-distribution of packages of U++

Posted by [MrSarup](#) on Sun, 25 Dec 2016 10:19:50 GMT

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Hi Mirek,

Mirek mentioned in the following thread here:

[http://www.ultimatepp.org/forums/index.php?t=msg&th=9817&goto=47171&#msg\\_47171](http://www.ultimatepp.org/forums/index.php?t=msg&th=9817&goto=47171&#msg_47171)  
mirek wrote on Sun, 25 December 2016 09:52

Personally, I would prefer removing .spec file altogether.

.rpm based distros are Spanish village for me. IMO, our responsibility for nightly builds / releases should stop at producing tarball with makefile which builds (perhaps after some package installs) on any most targets. Platform specific packages should be out of ultimatepp.org responsibility... There are too many target platforms to maintain directly...

Mirek

With your answer, you did surprise me a lot. To be able to make a good package requires placing the files in their appropriate directories on Linux platform. Many irresponsible developers do not read the following on Filesystem Hierarchy Standard and create chaos on each platform and system:

[https://en.wikipedia.org/wiki/Filesystem\\_Hierarchy\\_Standard](https://en.wikipedia.org/wiki/Filesystem_Hierarchy_Standard)

"Making a good package" also means compiling the source code against the right versions of libraries.

Whenever a different source code is released, this may require different library. "Making a good package" means this step is included in there.

Further, it assures that things will work because `_ONE_HAS_TO_DECLARE` dependencies with the right package names in that binary. It will also include menu entries, MIME handlers, documentation, startup scripts, etc. as well.

By providing a spec file, you also allow users to obtain all facilities of rpm with a difference that you did not build them yourself and compel this dirty work to be done by an user. That's fine. But the moment you declare that the spec file belongs to garbage, then many users may have problems.

Thus, I come up with a suggestion to provide cross-distribution of packages of UPP by using FPM technology. This is available here:

<https://github.com/jordansissel/fpm>

There is a good guide here:

<https://www.digitalocean.com/community/tutorials/how-to-use-fpm-to-easily-create-packages-in-multiple-formats>

If the IDE is cross-platform, why not packages for distributing its source code with cross-platform quality?

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Yes, I agree 1/(20%)

No, it does not matter 1/(20%)

Perhaps it may be helpful 3/(60%)

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