
Subject: Re: Things we want from Linux/FreeBSD release archives

Posted by [mirek](#) on Tue, 31 Mar 2020 21:24:17 GMT

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dolik.rce wrote on Tue, 31 March 2020 20:46Hi Mirek,

Quote:detect existence of apt-get / yum / zypper / pacman

Good idea, but there should also be a simple way to disable this. This will be appreciated by packagers who would like to create deb/rpm/PKGBUILD/... because in that case the tooling has its own ways to install prerequisites.

Well, in general, I just mean there should be quick and easy way to get U++ running.

There should still be Makefile and "normal" way.

Quote:- use 7z (or at least zip), stop changing the name, just single "upp" folder

What's wrong with *.tar.gz? Or *.tar.xz which is actually what every major distro starts to use lately... The 7z extractor is not installed by default on many distributions (checked on Arch and Debian), so it is not really linux friendly...

[/quote]

tar.gz compression sucks. LZMA seems to produce archives that are about 50% of size. But tar.xz is probably better than 7z.

Quote:

Also I'm not sure what you mean by changing the name, but I'm pretty sure that the "x11" should be dropped from the filename.

I mean that file name can be basically the same (withou x11), but after unpacking, it should be just upp

Quote:

Definitely a good idea. I think the proper place for the things currently written in ~/.upp is actually in ~/.config. Also, TheIDE should store compiled object in ~/.cache, since they ca be easily rebuilt. It should be possible to configure it, since U++ already

By not moving around I am actually thinking about putting everything to that "upp" folder after unpacking. Keep it "sandboxed", no writes outside that dir.

Quote:

- Clean the files a bit, before packaging. I think the archive is pretty big and it wouldn't hurt to only include necessary files. E.g. 32MB of tppi could be omitted, as those are automatically created by

TheIDE (if I understand it correctly).

Well, they are needed during make unfortunately... The logic would need to move to compile phase.

I think most of those MB are screenshot in documentation. Perhaps redoing them with "Gray" theme would help. Or using jpg compression.

Quote:

Perhaps they should not even be in the repository... There also might be some packages, that are no longer needed or maintained, or could be in separate nest, since they are not needed by regular users (yes TCore, I'm looking at you and your friends :)).

TCore is not present for a long time now...

Quote:

- Follow common conventions as much as possible. It should be possible to build it just by running `[code] ./configure # this might not even be needed`
`make`
`make install`

Well, after changes I am planning I do not even know not only what `./configure` would do, but even what `make install` is supposed to do.

After make, you get theide. Start theide and it configures itself.

Also, not really about release archive, but I think I will add nightly scrip that will add Makefile to svn so that it is buildable from git page.

Mirek
