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

Posted by [amrein](#) on Sun, 25 Dec 2016 18:42:43 GMT

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A spec file for Fedora and other rpm based distribution is already provided and doesn't need much attention.

The bigger question about upp.spec file is how to handle ultimate++ version without using variables.

At present, to compile a new snapshot tarball, you need to run something like this:

```
source_file=upp-x11-src-10577M.tar.gz
release=${source_file%.tar.gz}
release=${release#*upp-x11-src-}
date=$(LC_TIME=en date '+%a %b %d %Y')
rpmbuild -tb --define "version $release" --define "date $date" ${source_file}
```

Most people using src.rpm are used to simply run this kind of command:

```
rpmbuild --rebuild upp-10577M-1.src.rpm
```

And so if someone wants to ease rpm build for everyone, he will need to make upp.spec less generic for each upp source snapshot.

How? Using templates I guess.

Those commands are enough to create a snapshot spec from the current upp.spec (without adding release history):

```
release=10577M
date=$(LC_TIME=en date '+%a %b %d %Y')
sed -e 's|/%version|$release|g' -e 's|/%date|$date|g' upp.spec > snapshot-upp.spec
```

Any upp tarball containing this snapshot-upp.spec file would be able to be compiled with a simple command "rpmbuild -tb upp-x11-src-\$(release).tar.gz".

You can even build a src.rpm from it like this "rpmbuild -ts upp-x11-src-\$(release).tar.gz" and compile the resulting src.rpm as previously said "rpmbuild --rebuild upp-\$(release)-1.src.rpm"

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