Subject: Parallelism with spec files for building U++ (OpenSUSE related) + tutorial for building RPM
Posted by lectus on Sun, 18 Aug 2013 19:18:39 GMT
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I'm now running OpenSUSE and U++ builds well after removing bzip2-devel as dependency from the spec file.

It seems this package installs under OpenSUSE 12.3 with a different name.

The RPM builds fine and U++ works after the RPM is installed.

Now, my question is: is there any way to tweak the file to add parallelism to the build process?

I came across this: http://cat-in-136.blogspot.com.br/2010/07/rpmbuild-setting-for-multi-core-cpu.html

I'm not sure if it's working though. We should definitely take advantage of multi CPUs.

I'm attaching the spec file as requested by dolik.rce.

Bulding tutorial

1. Download latest U++ .tar.gz source package.

2. Install rpmbuild if you haven't yet:
$ su
# zypper install rpm-build
# exit

3. Extract the tar.gz file:
$ tar xvzf upp-x11-src-6245.tar.gz

4, Edit the spec file and remove the bzip2-devel dependency:
$ cd upp-x11-src-6245
$ vim upp.spec
$ cd ..

5. Rename the upp-x11-src-6245.tar.gz and repack the directory as upp-x11-src-6245.tar.gz.

6. Install the required dependencies:
$ su
# zypper install gcc gcc-c++ gtk2-devel pango-devel atk-devel cairo-devel libnotify-devel patch make xorg-x11-devel freetype2-devel libexpat-devel libbz2-devel
# exit

7. Build the rpm:
$ rpmbuild -tb --define 'version 6245' --define "date $(LC_TIME=En date '+%a %b %d %Y')" upp-x11-src-6245.tar.gz

File Attachments

1) upp.spec, downloaded 410 times

Subject: Re: Parallelism with spec files for building U++ (OpenSUSE related) + tutorial for building RPM
Posted by lectus on Fri, 22 Nov 2013 19:13:29 GMT
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Update: WORKS FOR MAGEIA TOO!!*

Install rpm-build package, then run the rpmbuild command above and it will complain about the dependencies. Install the dependencies.

Then run the rpmbuild command again.

It'll will start compiling.

Have fun!

I'm pleased surprised with Mageia on my lower end machine. KDE runs smooth. Installation was fast too.

* Worked with U++ stable version.
