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 437 times