
Subject: A new set of scripts to create rpm file from Subversion
Posted by [chickenk](#) on Tue, 07 Oct 2008 14:20:40 GMT

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Hi all,

I customized a bit the scripts given for rpm construction and added a small script to adapt the construction to the svn version.

What it does:

--- A --- upp-prepare-archive

1. Moves ~/upp directory to ~/upp____orig for backup
2. Does a 'svn export' of needed directories in ~/tmp-upp and create a symbolic link from tmp-upp to upp ('upp' directory name is needed for step 3)
3. Uses theide commandline to generate an up-to-date Makefile for 'ide' package
4. Modifies the Makefile to make it more generic and correct the optimization flags
5. Adds a top-level Makefile to be called by rpmbuild
6. Adds the whole ~/upp content in the file ~/rpm/SOURCES/upp-src-svn.tar.gz
7. Removes the upp symbolic link and rename upp____orig to upp

--- B --- rpmbuild

When your rpmbuild configuration is ready (see .rpmmrc and .rpmmacros), you can then execute rpmbuild -bb ~/rpm/SPECS/upp-svn.spec and wait...

RPM file(s) will be created in ~/rpm/RPMS/...

What is included:

the archive can be safely extracted in your home directory. You will get:

- Some files created under "rpm" (they won't overwrite other ones, don't worry), specifically some patches and the upp-svn.spec file
- dot_rpmmrc and dot_rpmmacros: to be used as a basis for .rpmmrc and .rpmmacros files if you don't already have them
- upp-prepare-archive in your home directory.

I want a rpm file built from scratch using the current svn revision! What should I do ?

simply type: cd ~ && ./upp-prepare-archive && rpmbuild -bb ~/rpm/SPECS/upp-svn.spec
To install it, you must add the --nogpgcheck option (or equivalent).

It has been tested under Fedora 9 only.

I AM AN EXTREME BEGINNER IN RPM CONSTRUCTION! USE THIS AT YOUR OWN RISK!
YOU HAVE BEEN WARNED.

As you will see, upp-prepare-archive is an ugly hack. Really. So please be careful, backup your upp directory in case, and don't blame me if you loose some data. Rule of thumb: never do this as

root..

If someone (amrein?) wants to gather and maintain these scripts with the existing ones, I'll be happy since I really don't have time to maintain it. Sorry for that. Maybe later... Furthermore, people who already master rpm construction will be much more efficient than me.

Enjoy.

Lionel

File Attachments

1) [rpmscripts_svn.tar.gz](#), downloaded 499 times
