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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 .rpmrc 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\_rpmrc and dot\_rpmmacros: to be used as a basis for .rpmrc 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

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1) [rpmscripts\\_svn.tar.gz](#), downloaded 472 times

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