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RPM Files Management & Decoding Support

Description	Keystroke	Function	Note
RPM Package Manager Files • Edit .rpm files • Edit RPM .spec file	The following external package provides the ability to work with Linux RPM package and specification files. PEL supports the following: 📦 The **archive-rpm** external package, 🔄 activated by **pel-use-archive-rpm** user-option set to **t**. Setting this automatically sets the next. This mode provides the ability to open a .rpm file to display its meta data and each of the compressed files. 📦 The **rpm-spec-mode** external package, 🔄 activated by **pel-use-rpm-spec-mode** user-option set to **t**. This implements a major-mode for the RPM .spec files: it provides coloration and navigation commands. ☝ Even though the RPM package Manager is mostly used under Linux, the packages here can be used under other Unix-like operating systems.		
Open this PDF file. See also: **Help/Info**	**<f11> SPC M-R <f1>**	(**pel-help-pdf** &optional OPEN-WEB-PAGE)	Open the **Grep** local PDF. If the prefix argument (like **C-u** or **M--**) is used, then it opens the remote GitHub hosted raw PDF instead. If the **pel-flip-help-pdf-arg** user-option is set it's the other way around.
Customize RPM Support See also: **Customize**	**<f11> SPC M-R <f2>**	(**pel-customize-pel** &optional OTHER-WINDOW)	Customize PEL rpm support. Use it to activate/de-activate various grep tools. • If OTHER-WINDOW is non-nil (use **C-u**), display in other window.
Customize Emacs Grep Support See also: **Customize**	**<f11> SPC M-r <f3>**	(**pel-customize-library** &optional OTHER-WINDOW)	Customize Emacs grep support. Group: rpm-spec
Editing .rpm files	📦 Requires the **archive-rpm** external package, 🔄 activated by **pel-use-archive-rpm** user-option set to **t**.		
Help - summary of available commands	• **?** • **h** • **C-h m** • **<f1> m** • **<f11> ? k m**	(**describe-mode** &optional BUFFER)	Display documentation of current major mode and minor modes.
Mark file for later command	**m**	(**archive-mark** P)	In archive mode, mark this member for group operations. • With a prefix argument, mark that many members. • Use **M-x archive-unmark-all-files** to remove all marks.
Unmark file	**u**	(**archive-unflag** P)	In archive mode, un-mark this member if it is marked to be deleted. • With a prefix argument, un-mark that many files forward.
	a	(**archive-alternate-display**)	Toggle alternative display. To avoid very long lines archive mode does not show all information. This function changes the set of information shown for each files. ⚠ this does not seem to work.
View current file	**v**	(**archive-view**)	View the file of the current line. No change allowed.
Open current file	• **e** • **f** • **RET**	(**archive-extract** &optional OTHER-WINDOW-P EVENT)	Extract this entry of the archive into its own buffer. • Modifications are allowed **but** saving them does not work. ⚠
Open current file in other window	• **E** • **o**	(**archive-extract-other-window**)	In archive mode, find (open) this file member in another window.
Copy file(s) to specified directory	**C**	(**archive-copy-file** FILES NEW-NAME)	Copy FILES to a location specified by NEW-NAME. • Copy current file, prompting for destination. • If several files are marked, copy them all to the destination directory.
Change group for marked files 🚧	**G**	(**archive-chgrp-entry** NEW-GID)	Change the group of all marked or this member. ⚠ this does not seem to work.
Change mode 🚧	**M**	(**archive-chmod-entry** NEW-MODE)	Change the protection bits associated with all marked or this member. The new protection bits can either be specified as an octal number or as a relative change like "g+rw" as for chmod(2). ⚠ this does not seem to work.
Change owner 🚧	**O**	(**archive-chown-entry** NEW-UID)	Change the owner of all marked or this member. ⚠ this does not seem to work.
Mark file for deletion	• **d** • **C-d**	(**archive-flag-deleted** P &optional TYPE)	In archive mode, mark this member to be deleted from the archive. • With a prefix argument, mark that many files.
Delete all files marked for deletion	**x**	(**archive-expunge**)	After prompting for confirmation, delete all files marked for deletion.
Navigate in RPM-Archive buffer	The following commands select a new file line in the buffer.		
Move down one line	• **SPC** • **n** • **C-n** • **<Down>**	(**archive-next-line** *P*)	Down one line. • With numeric prefix argument, move down that many lines.
Move up one line	• **S-SPC** • **p** • **C-p** • **<Up>**	(**archive-previous-line** *P*)	Up one line. • With numeric prefix argument, move up that many lines.
Move to beginning of buffer	• **<** • **M-<**	(**beginning-of-buffer** &optional *ARG*)	Move point to the beginning of buffer.
Move to end of buffer	• **>** • **M->**	(**end-of-buffer** &optional *ARG*)	Move point to the end of buffer.
Refresh buffer	**g**	(revert-buffer &optional IGNORE-AUTO NOCONFIRM PRESERVE-MODES)	Refresh buffer.
Quit	**q**	(**quit-window** &optional KILL WINDOW)	Quit Rpm-Archive and bury the window.

Description	Keystroke	Function	Note
Editing RPM .spec files • RPM Spec File Format • RPM Packaging Guide • RPM Spec File @ Red Hat	📦 Requires the **rpm-spec-mode** external package, activated by **pel-use-rpm-spec-mode** user-option set to **t**. ☝ PEL is currently using my fork, installed as a single file. The code in the original repo does not compile with. latest version of Emacs.		
Configure			
Toggle adding %attr entry	`C-c C-x a`	(**rpm-toggle-add-attr** &optional ARG)	Toggle 'rpm-spec-add-attr' user-option. • When active: Add "**%attr**" entry for file listings.
Change build root	`C-c C-x b`	(**rpm-change-buildroot-option** &optional ARG)	Change the value for buildroot user-option.
Toggle removing build tree	`C-c C-x c`	(**rpm-toggle-clean** &optional ARG)	Toggle 'rpm-spec-clean' user-option. • When on: remove the build tree after the packages are made.
Toggle verifying build dependencies	`C-c C-x d`	(**rpm-toggle-nodeps** &optional ARG)	Toggle 'rpm-spec-nodeps' user-option. • When off: verify build dependencies.
Change source directory	`C-c C-x f`	(**rpm-files-group** &optional ARG)	Change the source directory.
Toggle embedding GPG signature	`C-c C-x g`	(**rpm-toggle-sign-gpg** &optional ARG)	Toggle 'rpm-spec-sign-gpg' user-option. • When on: embed a GPG signature in the package.
Change time check	`C-c C-x i`	(**rpm-change-timecheck-option** &optional ARG)	Change the value for timecheck.
Toggle executing build stages	`C-c C-x n`	(**rpm-toggle-nobuild** &optional ARG)	Toggle 'rpm-spec-nobuild' user-option. • When on: do not execute any build stages. Useful for testing out spec files.
Change default owner	`C-c C-x o`	(**rpm-files-owner** &optional ARG)	Change the default owner for files.
Toggle removal of source & spec after build	`C-c C-x r`	(**rpm-toggle-rmsource** &optional ARG)	Toggle 'rpm-spec-rmsource' user-option. • When on: remove the source and spec file after the packages are made.
Toggle quiet mode	`C-c C-x q`	(**rpm-toggle-quiet** &optional ARG)	Toggle 'rpm-spec-quiet' user-option. • When on: print as little as possible (normally only errors).
Toggle short circuit	`C-c C-x s`	(**rpm-toggle-short-circuit** &optional ARG)	Toggle 'rpm-spec-short-circuit' user-option. • When on: Skip straight to specified stage. (ie, skip all stages leading up to the specified stage). Only valid in "%build" and "%install" stage.
Change target	`C-c C-x t`	(**rpm-change-target-option** &optional ARG)	Change the value for target.
Change default umask	`C-c C-x u`	(**rpm-files-umask** &optional ARG)	Change the default umask for files.
Insert/Modify			
Change a tag	`C-c C-c`	(**rpm-change-tag** &optional ARG)	Change a tag.
Insert/change a tag	`C-c C-i`	(**rpm-insert-tag** &optional ARG)	Insert or change a tag.
Increate release tag by 1	`C-c C-r`	(**rpm-increase-release-tag** &optional ARG)	Increase the release tag by 1.
Insert prefix	`C-c C-u`	(**rpm-insert-true-prefix**)	Insert **%{prefix}** at point.
Insert directory	`C-c C-d d`	(**rpm-insert-dir** &optional DIRNAME)	Insert directory.
Insert doc directory	`C-c C-d o`	(**rpm-insert-docdir** &optional DIRNAME)	Insert doc directory.
Insert config file	`C-c C-f c`	(**rpm-insert-config** &optional FILENAME)	Insert config file.
Insert doc file	`C-c C-f d`	(**rpm-insert-doc** &optional FILENAME)	Insert doc file.
insert regular file	`C-c C-f f`	(**rpm-insert-file** &optional FILENAME)	Insert regular file.
insert ghost file	`C-c C-f g`	(**rpm-insert-ghost** &optional FILENAME)	Insert ghost file.
Goto change-log/ add entry for today	`C-c C-e`	(**rpm-add-change-log-entry** &optional CHANGE-LOG-ENTRY)	Find change log and add an entry for today.
Goto change-log/ add header for today	`C-c C-w`	(**rpm-goto-add-change-log-entry**)	Goto change log and add an header for today (if needed).
Navigating across sections			
Move to specified section	`C-c C-o`	(**rpm-goto-section** SECTION)	Prompt for section name, move point to the beginning of the specified section; leave mark at previous location.
Move to next section	`C-c C-n`	(**rpm-forward-section**)	Move forward to the beginning of the next section.
Move to previous section	`C-c C-p`	(**rpm-backward-section**)	Move backward to the beginning of the previous section. Go to beginning of previous section.
Building RPM			
Build all	`C-c C-b a`	(**rpm-build-all** &optional ARG)	Run a 'rpmbuild -ba'.
Build binary	`C-c C-b b`	(**rpm-build-binary** &optional ARG)	Run a 'rpmbuild -bb'.
Build compile	`C-c C-b c`	(**rpm-build-compile** &optional ARG)	Run a 'rpmbuild -bc'.
Build install	`C-c C-b i`	(**rpm-build-install** &optional ARG)	Run a 'rpmbuild -bi'.
List check	`C-c C-b l`	(**rpm-list-check** &optional ARG)	Run a 'rpmbuild -bl'.
Build prepare	`C-c C-b p`	(**rpm-build-prepare** &optional ARG)	Run a 'rpmbuild -bp'.
Build source	`C-c C-b s`	(**rpm-build-source** &optional ARG)	Run a 'rpmbuild -bs'.

RPM — References

Description & URL	Notes
RPM Package Manage @ Wikipedia	
RPM .spec file	• **RPM Spec File Format** • **RPM Packaging Guide** • **RPM Spec File @ Red Hat**
HOWTO	• Download RPM files with dnf (without installing them) : **dnf download <*RPM*>** • Use this to download and inspect the content of a specific RPM file.