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Rocky Enterprise Linux 9.2 Manual Pages on command 'ispell-autobuildhash.8'

\$ man ispell-autobuildhash.8

ISPELL-AUTOBUILDHASH(8)

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NAME

ispell-autobuildhash - Autobuilding the ispell hash file for some dicts

SYNOPSIS

ispell-autobuildhash [--force]

Options:

- debug Show some extra ispell-autobuildhash information.
- dry-run Show what would be done, but do nothing real.
- force Rebuild the hash file for all dicts providing a compat file skipping the test.
- triggered Tell the script that is run in the triggers stage.

DESCRIPTION

ispell-autobuildhash is a script that will manage ispell hash files autobuild, intended to be called from the dictionaries-common tools. Depending on the ispell compatibility level and on the compatibility level used for the hash file if present, will decide whether it must be rebuilt or not. This script will only work on ispell packages prepared to use it, it will do nothing for other ispell dict packages.

OPTIONS

- debug Show some extra ispell-autobuildhash information.
- dry-run Show what would be done, but do nothing real.
- force Rebuild the hash file for all dicts providing a compat file regardless of the compatibility levels found.
- triggered Tell the script that is run in the triggers stage. When

run under dpkg control, do not try to set the 'ispell-autobuildhash' trigger, but run real B<ispell-autobuildhash> code. When not run under dpkg control, real code will always be run and '--triggered' option has no real effect.

PACKAGE MAINTAINERS

To use this system, ispell-autobuildhash expects a \$dict.compat file in /var/lib/ispell (\$dict stands for the hash or affix file basename) containing ispell major or compatibility version for last successful build or "0" or an empty file if hash is to be rebuilt, as is for dictionary installation and upgrades.

When upgrading ispell, script will check if version in \$dict.compat is different from ispell.compat and rebuild if so, updating \$dict.compat with the new value. The particular way things are done depends on whether your dict has a single source or a multiple source like ipolish has.

The most common case is having a single source. In this case you must put the \$dict.aff file at /usr/lib/ispell/\$dict.aff as usual and the munched wordlist compressed with gzip at /usr/share/ispell/\$dict.mwl.gz.

This script supports the way ipolish allows selection of subdictionaries to be put in the hash file. It will detect the presence of the main language .desc file and call update-ipolish-hash as appropriate.

Although this script looks for the existence of a update-ispell-hash script with supposedly similar functionality to update-ipolish-hash, this latter does not really exist, although it might be added at some time to ispell or to the dictionaries-common system, if enough demand is found.

If your package provides more than one ispell dictionary you will need to do the steps above for each dictionary.

Dictionaries-common scripts will call internally this script and create a hash file at /var/lib/ispell/\$dict.hash. You must set a symlink to that file from /usr/lib/ispell/\$dict.hash.

Ispell dictionary packages using this script must make sure that \$dict.compat is reset on every new install/upgrade, so hash is rebuilt. They must also make sure that \$dict.compat and /var/lib/ispell/\$dict.hash are removed on package removal

As of version 1.10, installdeb-ispell script will understand 'auto-compat' field in

\$dict.info-ispell file to help with this by adding needed debhelper snippets. Put in that entry the base name(s) of your compat file(s) and check resulting maintainer scripts after build.

Note that you are no longer suggested to ship empty files at `/var/lib/ispell/$dict.compat` and `/var/lib/ispell/$dict.hash` to help with reset/removal of those files, but explicitly create/update them on install and explicitly remove them on removal.

ispell maintainer should also call this script from package postinst. When comparing versions it will get the ispell version from file `/usr/share/ispell/ispell.compat`, or if it does not exist, from the upstream version as given in the first line of `'ispell -vv` output.

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1.28.14

2021-12-02

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