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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'aspell-autobuildhash.8'***

**\$ man aspell-autobuildhash.8**

ASPELL-AUTOBUILDHASH(8)

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NAME

aspell-autobuildhash - Autobuilding aspell hash files for some dicts

SYNOPSIS

aspell-autobuildhash [--force]

Options:

--debug Show extra info about aspell-autobuildhash internal work. Will also enable aspell affix validation.

--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

aspell-autobuildhash is a script that will manage aspell hash files autobuild, intended to be called from the dictionaries-common tools. Depending on the aspell 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 aspell packages prepared to use it, it will do nothing for other aspell dict packages.

OPTIONS

--debug Show some extra information about aspell-autobuildhash internal work. Will also enable aspell affix validation.

--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

'aspell-autobuildhash' trigger, but run real

B<aspell-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, aspell-autobuildhash expects a \$lang.compat file in /var/lib/aspell (\$lang stands for the lang basename with variant if any, e.g. \$lang is something like gl-minimos or en)) containing aspell compatibility version for last successful build or "0" or an empty file if hash is to be rebuild, as is for dictionary installation and upgrades. When upgrading aspell, script will check if version in \$lang.compat is different from aspell.compat and rebuild if so, updating \$lang.compat with the new value.

Wordlists should previously be compressed either with gzip (and their extensions set as .mwl.gz or .wl.gz) or preferably first with aspell prezip and then gzipped (with .cwl.gz extension). This applies both for plain wordlists and munched wordlists (in the ispell way) if you use affix compression.

If your package will provide a single hash, install preziped+gzipped wordlist as /usr/share/aspell/\$lang.cwl.gz or, if prezip is not used, as /usr/share/aspell/\$lang.mwl.gz.

If your package will provide more than one aspell hash for the same \$lang, you will need to place each compressed wordlist as e.g. /usr/share/aspell/\$subdict.cwl.gz, and the common \$lang.compat as above. Then create a /usr/share/aspell/\$lang.contents file with the base names of the subdicts, one in a line. For English that will contain, amongst other possible lines

en-common

en-variant\_0

en-variant\_1

en-variant\_2

en\_CA-w\_accents-only

No need to use this file if a single hash is being created.

Dictionaries-common scripts will call internally this script and create a single hash file

at `/var/lib/ispell/$lang.rws`, or hash files at `/var/lib/ispell/$subdict.rws`. You must set a symlink to that files from `/usr/lib/aspell/$lang.rws` or `/usr/lib/aspell/$subdict.rws` as appropriate.

Aspell dictionary packages using this script must make sure that `$lang.compat` is reset on every new install/upgrade, so hash is rebuilt. They must also make sure that `$lang.compat` and all of `/var/lib/aspell/$lang.rws` or `/var/lib/aspell/$subdict.rws` are removed on package removal.

As of version 1.10, `installdeb-aspell` script will understand 'auto-compat' and 'auto-contents' fields in `$dict.info-aspell` file to help with this by adding needed debhelper snippets. Put in that entry the base name(s) of your compat and contents file(s) and carefully check resulting maintainer scripts after build.

Note that you are no longer suggested to ship empty files at any of `/var/lib/aspell/$lang.compat`, `/var/lib/aspell/$lang.rws` or `/var/lib/aspell/$subdict.rws`, but explicitly create/update them on install and explicitly remove them on removal. aspell maintainer should also call this script from package `postinst`. When comparing versions it will get the aspell version from file `/usr/share/aspell/aspell.compat`.

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