

NAME

Dpkg::Compression - simple database of available compression methods

DESCRIPTION

This module provides a few public functions and a public regex to interact with the set of supported compression methods.

FUNCTIONS

`my @list = compression_get_list()`

Returns a list of supported compression methods (sorted alphabetically).

`compression_is_supported($comp)`

Returns a boolean indicating whether the given compression method is known and supported.

`compression_get_property($comp, $property)`

Returns the requested property of the compression method. Returns undef if either the property or the compression method doesn't exist. Valid properties currently include "file_ext" for the file extension, "default_level" for the default compression level, "comp_prog" for the name of the compression program and "decomp_prog" for the name of the decompression program.

`compression_guess_from_filename($filename)`

Returns the compression method that is likely used on the indicated filename based on its file extension.

`my $regex = compression_get_file_extension_regex()`

Returns a regex that matches a file extension of a file compressed with one of the supported compression methods.

`my $comp = compression_get_default()`

Return the default compression method. It's "gzip" unless `compression_set_default` has been used to change it.

`compression_set_default($comp)`

Change the default compression method. Errors out if the given compression method is not supported.

`my $level = compression_get_default_level()`

Return the default compression level used when compressing data. It's "9" for "gzip" and "bzip2", "6" for "xz" and "lzma", unless `compression_set_default_level` has been used to change it.

`compression_set_default_level($level)`

Change the default compression level. Passing undef as the level will reset it to the compressor specific default, otherwise errors out if the level is not valid (see `compression_is_valid_level`).

`compression_is_valid_level($level)`

Returns a boolean indicating whether `$level` is a valid compression level (it must be either a number between 1 and 9 or "fast" or "best")

CHANGES

Version 1.02

New function: `compression_get_file_extension_regex()`

Deprecated variables: `$default_compression`, `$default_compression_level` and `$compression_re_file_ext`

Version 1.01

Default compression level is not global any more, it is per compressor type.

Version 1.00

Mark the module as public.

AUTHOR

Raphal Hertzog <hertzog@debian.org>.