

**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**

`@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.

`$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.

`$comp = compression_get_default()`

Return the default compression method. It is "xz" 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.

`$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 (dpkg 1.17.2)**

New function: `compression_get_file_extension_regex()`

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

**Version 1.01 (dpkg 1.16.1)**

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

**Version 1.00 (dpkg 1.15.6)**

Mark the module as public.