

## NAME

Dpkg::Compression::Process – run compression/decompression processes

## DESCRIPTION

This module provides an object oriented interface to run and manage compression/decompression processes.

## METHODS

`$proc = Dpkg::Compression::Process->new(%opts)`

Create a new instance of the object. Supported options are “compression” and “compression\_level” (see corresponding `set_*` functions).

`$proc->set_compression($comp)`

Select the compression method to use. It errors out if the method is not supported according to `compression_is_supported` (of **Dpkg::Compression**).

`$proc->set_compression_level($level)`

Select the compression level to use. It errors out if the level is not valid according to `compression_is_valid_level` (of **Dpkg::Compression**).

`@exec = $proc->get_compress_cmdline()`

`@exec = $proc->get_uncompress_cmdline()`

Returns a list ready to be passed to `exec`, its first element is the program name (either for compression or decompression) and the following elements are parameters for the program.

When executed the program acts as a filter between its standard input and its standard output.

`$proc->compress(%opts)`

Starts a compressor program. You must indicate where it will read its uncompressed data from and where it will write its compressed data to. This is accomplished by passing one parameter `to_*` and one parameter `from_*` as accepted by **Dpkg::IPC::spawn**.

You must call `wait_end_process` after having called this method to properly close the sub-process (and verify that it exited without error).

`$proc->uncompress(%opts)`

Starts a decompressor program. You must indicate where it will read its compressed data from and where it will write its uncompressed data to. This is accomplished by passing one parameter `to_*` and one parameter `from_*` as accepted by **Dpkg::IPC::spawn**.

You must call `wait_end_process` after having called this method to properly close the sub-process (and verify that it exited without error).

`$proc->wait_end_process(%opts)`

Call **Dpkg::IPC::wait\_child** to wait until the sub-process has exited and verify its return code. Any given option will be forwarded to the `wait_child` function. Most notably you can use the “nocheck” option to verify the return code yourself instead of letting `wait_child` do it for you.

## CHANGES

### Version 1.00 (dpkg 1.15.6)

Mark the module as public.