

**NAME**

**showem** – monitor the progress of a parallel **emerge(1)**

**SYNOPSIS**

**showem** [*options*]

**DESCRIPTION**

**showem** is a very simple utility script, which allows you to monitor the progress of a parallel **emerge(1)**.

When invoked, it shows a split screen display, which updates once a second (or as otherwise specified by the **--wait-seconds** option). The top part shows the tail of the current **Portage(5)** download log, and the lower part shows the tail of the most recent **Portage(5)** build log.

The download log display is cleared after 1 minute's inactivity; however, the build log is retained (even if stale) - this allows you to quickly see where a build has failed.

The path of the build log is displayed in the title bar of the window. If the window is resized, the display is adapted automatically to fit; however, a minimum size of 80 columns and 24 rows is required.

Exit **showem** using **Ctrl-c**, when done.

**OPTIONS**

**-h, --help**

Displays a short help screen, and exits.

**-s, --wait-seconds=S**

Specifies the number of seconds, S, to pause between screen refreshes. The default is 1.

**-V, --version**

Displays the version number of **showem**, and exits.

**COMPATIBILITY**

Although **showem** uses **tput(1)** to access the number of columns and rows, and to set colours, it does use an **xterm(1)** escape sequence to change the window title.

It should work under most modern terminal emulators, including Gnome's.

**EXIT STATUS**

The exit status is 1 if an error occurred, and 0 otherwise.

**NOTES**

By default, **Portage(5)** has the 'parallel-fetch' feature turned on - this means it can begin fetching tarballs for packages whose build hasn't started yet. These files are what get displayed in the */var/log/emerge-fetch.log* file, and shown in the top 'pane' of **showem**. However, it is entirely possible that one or more running **emerge(1)** processes will *also* be downloading files, in which case you may see file download information in the bottom 'pane' of **showem** as well.

**COPYRIGHT**

Copyright © 2014 sakaki

License GPLv3+ (GNU GPL version 3 or later)

<<http://gnu.org/licenses/gpl.html>>

This is free software, you are free to change and redistribute it.

There is NO WARRANTY, to the extent permitted by law.

**AUTHORS**

sakaki — send bug reports or comments to <[sakaki@deciban.com](mailto:sakaki@deciban.com)>

**SEE ALSO**

**emerge(1)**, **tput(1)**, **xterm(1)**, **portage(5)**.