

NAME

apollonian – Descartes Circle Theorem.

SYNOPSIS

apollonian [--display *host:display.screen*] [--visual *visual*] [--window] [--root] [--window-id *number*]
 [--no-label] [--no-altgeom] [--cycles *number*] [--ncolors *number*] [--delay *number*] [--fps]

DESCRIPTION

Packs a large circle with smaller circles, demonstrating the Descartes Circle Theorem.

OPTIONS

--visual *visual*

Specify which visual to use. Legal values are the name of a visual class, or the id number (decimal or hex) of a specific visual.

--window

Draw on a newly-created window. This is the default.

--root Draw on the root window.

--window-id *number*

Draw on the specified window.

--label | --no-label

Draw Labels. Boolean.

--altgeom | --no-altgeom

Include Alternate Geometries. Boolean.

--cycles *number*

Depth. 1 - 20. Default: 20.

--ncolors *number*

Number of Colors. Default: 64.

--delay *number*

Per-frame delay, in microseconds. Default: 1000000 (1.00 seconds.).

--fps Display the current frame rate and CPU load.

ENVIRONMENT**DISPLAY**

to get the default host and display number.

XENVIRONMENT

to get the name of a resource file that overrides the global resources stored in the RESOURCE_MANAGER property.

XSCREENSAVER_WINDOW

The window ID to use with --root.

SEE ALSO

X(1), xscreensaver(1)

COPYRIGHT

Copyright © 2002 by Allan R. Wilks and David Bagley. Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. No representations are made about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

AUTHOR

Allan R. Wilks and David Bagley.