

Openscad Container and tests



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1. Document information

Links to Document



Document Source

Document PDF

Table 1. Document information

Author	Status	Date	Comment
Sean Donnellan	Initial Draft	Nov/2022	Openscad container documentation

2. Introduction

An Openscad container for use in Github actions and in headless mode.

This repository builds a container that can create output from scad documents.

This document is to test the output and as an example.

3. Images

Listing 1. example

docker run --rm --name "openscad" --volume \$PWD:/data \$container openscad -o
/data/test.png /data/*scad

1



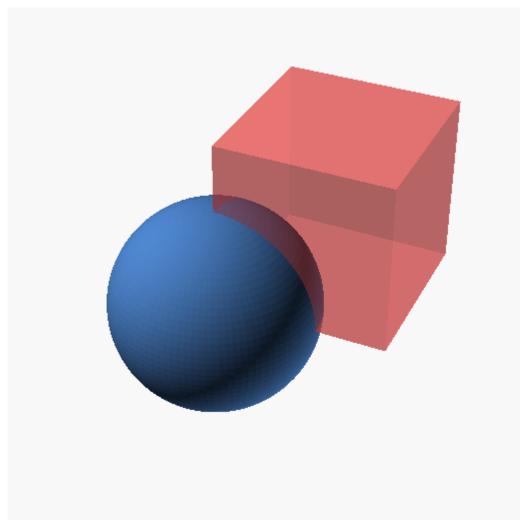


Figure 1. Output of test as png

Listing 2. test source .scad

```
$fn=100;
#cube([10,10,10]);
sphere(d=12);
```

Appendix A: Libraries that need adding into the container

List of openscad libraries

• https://openscad.org/libraries.html

library of parts for openscad (rpi etc)

• https://github.com/nophead/NopSCADlib

BOSL library for openscad



• https://github.com/revarbat/BOSL

There are also a number of naca libraries and other airfoil libraries etc.