OpenSCAD
The Programmers Solid 3D CAD Modeller

DONATE TO OUR COLLECTIVE

Documentation

OpenSCAD Tutorial
OpenSCAD User Manual
OpenSCAD Language Reference
Code Cheat Sheet

Books

English
German / Deutsch
Spanish / Español

Videos

OpenSCAD: Introduction

Articles / Blogs

How to use OpenSCAD
3D Spielplatz (german)
OpenSCAD Tutorial Series

Documentation   **Books**   **Videos**   **Articles / Blogs**

OpenSCAD Tutorial

Table of Contents

1. **Chapter 1**: A few words about OpenSCAD and getting started with the first object
2. **Chapter 2**: Scaling the model and first steps for parameterizing models
3. **Chapter 3**: Resizing models and more ways of combining objects
4. **Chapter 4**: Introducing modules to organize the code
5. **Chapter 5**: Using multiple scripts and libraries
6. **Chapter 6**: Control flow, conditional creation of objects
7. **Chapter 7**: Loops and creating more complex patterns
8. **Chapter 8**: Extruding 2D shapes into 3D objects
9. **Chapter 9**: Math, calculations and low level geometry creation