

# Gridfinity Rebuilt in OpenSCAD



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## Summary

A ground-up port (with a few extra features) of the stock gridfinity bins in OpenSCAD.

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Tags: [parametric](#) [organizer](#) [bin](#) [openscad](#) [gridfinity](#)

**Gridfinity** by Zack Freedman is an open source design specification for printable organizers to optimize shop workflow. I felt that the provided Fusion models, while able to make many bins, were limited. They are not completely parametric and would often have rebuild errors. Thus, I developed a truly parametric version. Here are some things it can do:

- any size of bin (width/length/height)
- height by units, internal depth, or overall size
- any number of compartments (along both X and Y axis)
- togglable scoop
- togglable tabs, split tabs, and tab alignment
- togglable holes (with togglable supportless printing hole structures)
- manual compartment construction (make the most wacky bins imaginable)
- togglable lip (if you don't care for stackability)

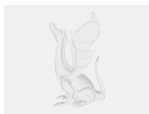
For up-to-date scripts and documentation, please visit the Github [repository](#).

If you have any issues or feature requests, feel free to create an issue in the repo.

## Model files



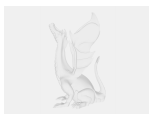
**gridfinitly-rebuilt-bins.scad**



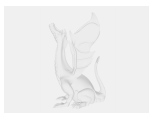
**gridfinitly-rebuilt-baseplate.scad**



**gridfinitly-constants.scad**



**gridfinitly-rebuilt-lite.scad**



**gridfinitly-rebuilt-utility.scad**

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