

a BRL-CAD project

Once upon a time,

**HTML HAD NO IMAGES**

Not so long ago

**WE USED FLASH FOR VIDEOS**

can you imagine ?



A close-up photograph of several cupcakes. Each cupcake has a swirl of white frosting on top and a small, square-shaped JavaScript logo (a blue square with a white 'E' shape) on top. The cupcakes are arranged in a row, slightly overlapping. The background is dark and out of focus.

<picture>,  
<audio>,  
<video>,  
Canvas,  
Web Storage,  
WebRT,  
WebGL etc.





a JavaScript API for rendering interactive 3D graphics and 2D graphics within any compatible web browser without the use of plug-ins

# **WHAT IS OGV ?**

OGV uses WebGL (three.js) to view and share BRL-CAD models online.

# **WHAT IS OGV ?**

It's kind of like open source Youtube for BRL-CAD models.



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## ONLINE GEOMETRY VIEWER

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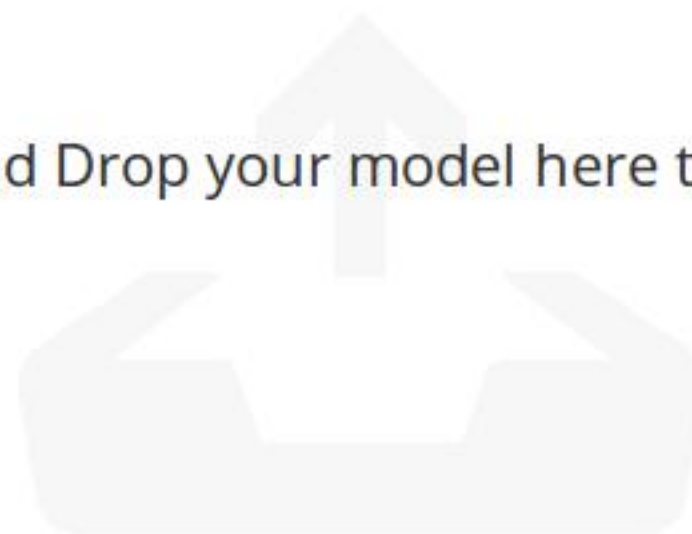
[Forgot Password](#)

## Upload File

Add .g file that you want to upload

Choose File No file chosen

Drag and Drop your model here to upload



File Uploaded, and will appear in file manager after it's converted ✕

**Filename**

*What you want to be known as around*

cube.g

**About Model:**

*Provide a short description about your model*

The model cube.g was uploaded on Sat Sep 20 2014  
12:21:34 GMT+0530 (IST)

**Model-Image**

*An image that will be used as a thumbnail for your model,  
the preferred size is 500 X 300*

Choose File

No file chosen

Save



Inder admin posted cube.g



The model cube.g was uploaded on Sat Sep 20 2014 12:21:34 GMT+0530 (IST)



Show comments



Inder admin posted crod.g



The model crod.g was uploaded on Tue Aug 19 2014 17:42:55 GMT+0530 (IST)



Show comments

## My models

Axis.G



Crod.G



Cube.G





Download



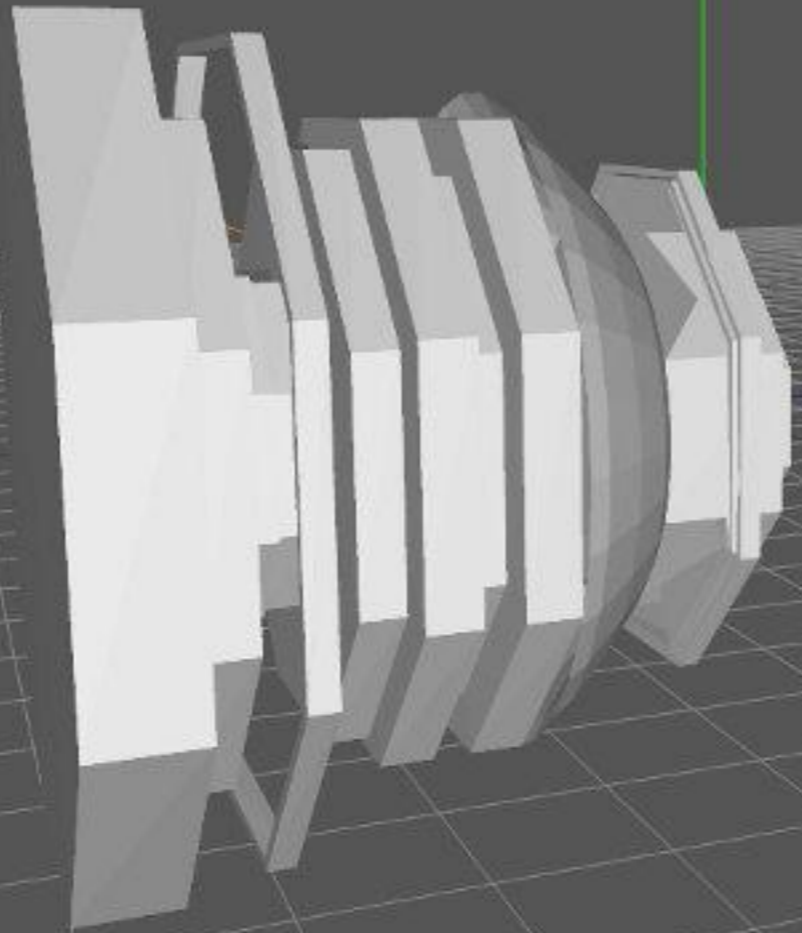
Love (0)



Comment



Embed



# **TECHNOLOGIES USED IN OGV**

OGV uses a full stack, real-time framework meteor.js (based on nodejs), and a javascript 3D library three.js (based on WebGL).

It's available at <https://github.com/BRL-CAD/OGV-meteor/>

**Any Queries ?**