



Intro to Blender 3D

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ElectronicArmory.com
3D Game Development Course

What is Blender?

3D Modeling Tool

- Free, Open Source, updated monthly
- Create 3D models and animations for websites, games, video, and more
- Export to:
 - Image
 - Animations
 - Video
 - WebGL
 - VR

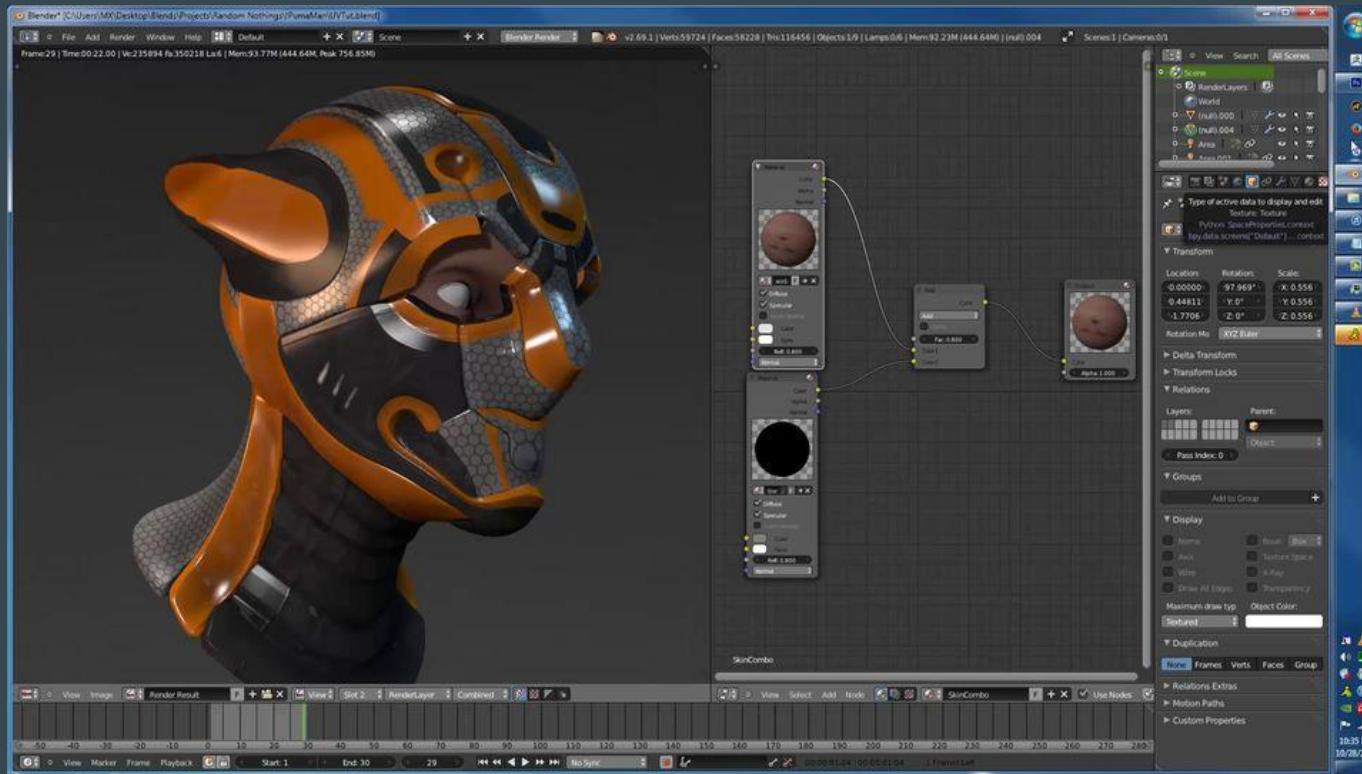


Blender Can Do Anything

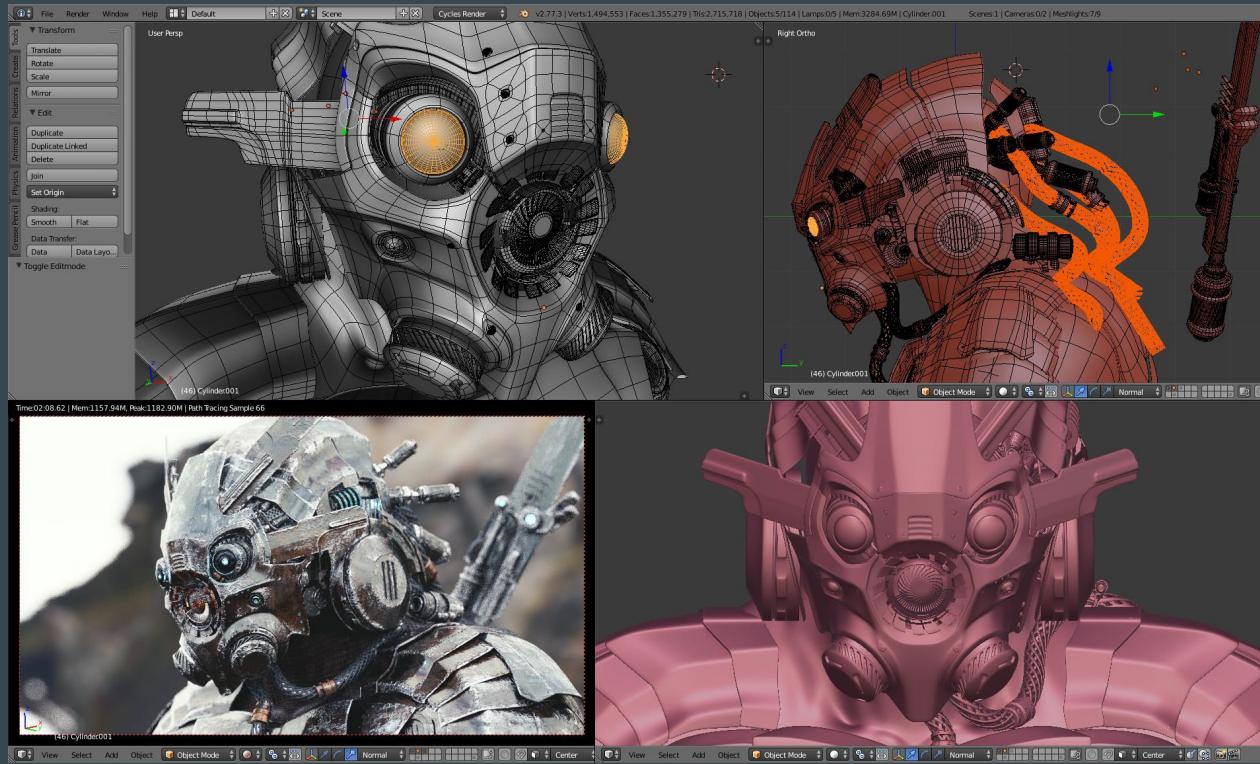
“Now, open-source software like Blender can do almost everything Pixar's software can do.” - Tony DeRose Pixar's Senior Scientist

Source: <https://www.theverge.com/2013/3/7/4074956/pixar-senior-scientist-derose-explains-how-math-makes-movies-games>

3D Modeling Tool



3D Sculpting Tool



2D/3D Animation Tool



Rigging



3D Game Engine



3D Paint Tool



Video Editor

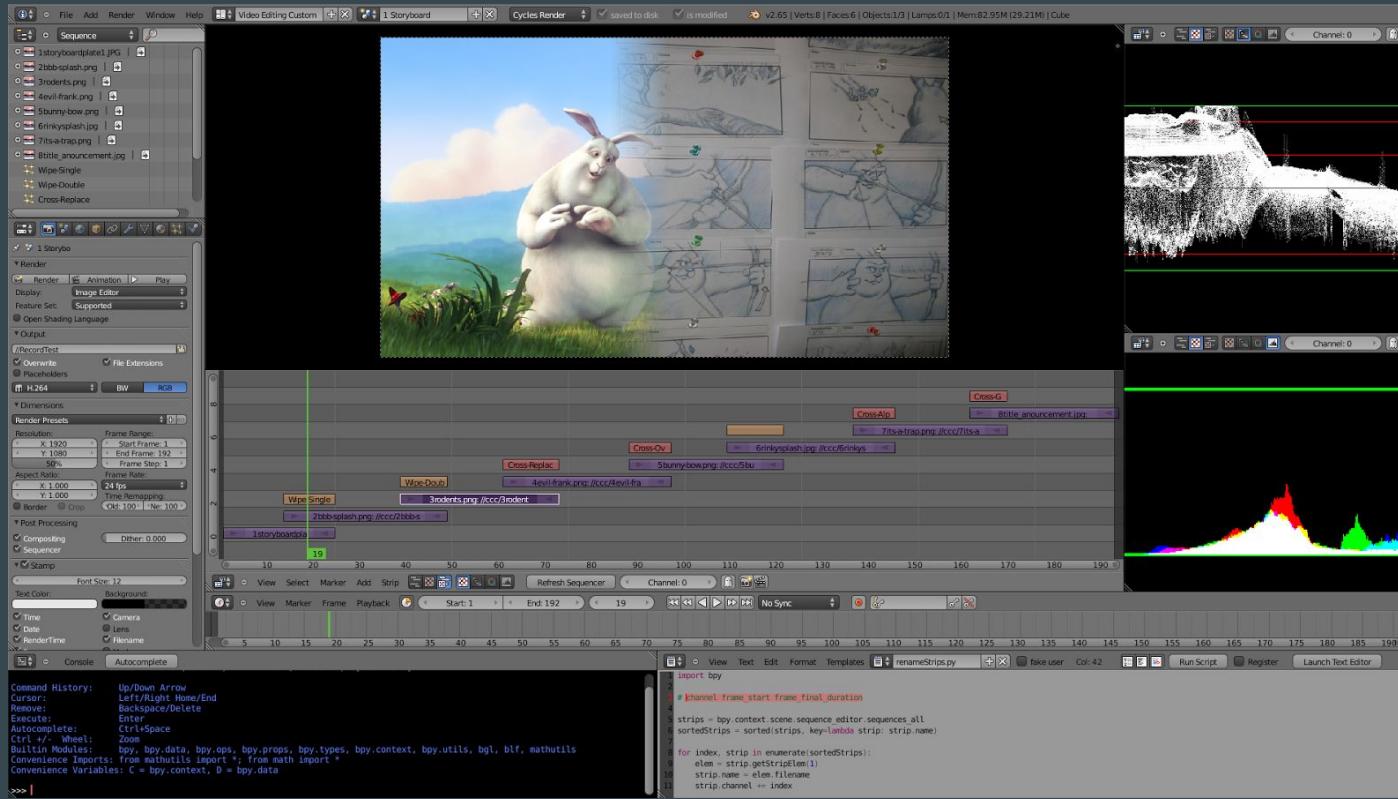
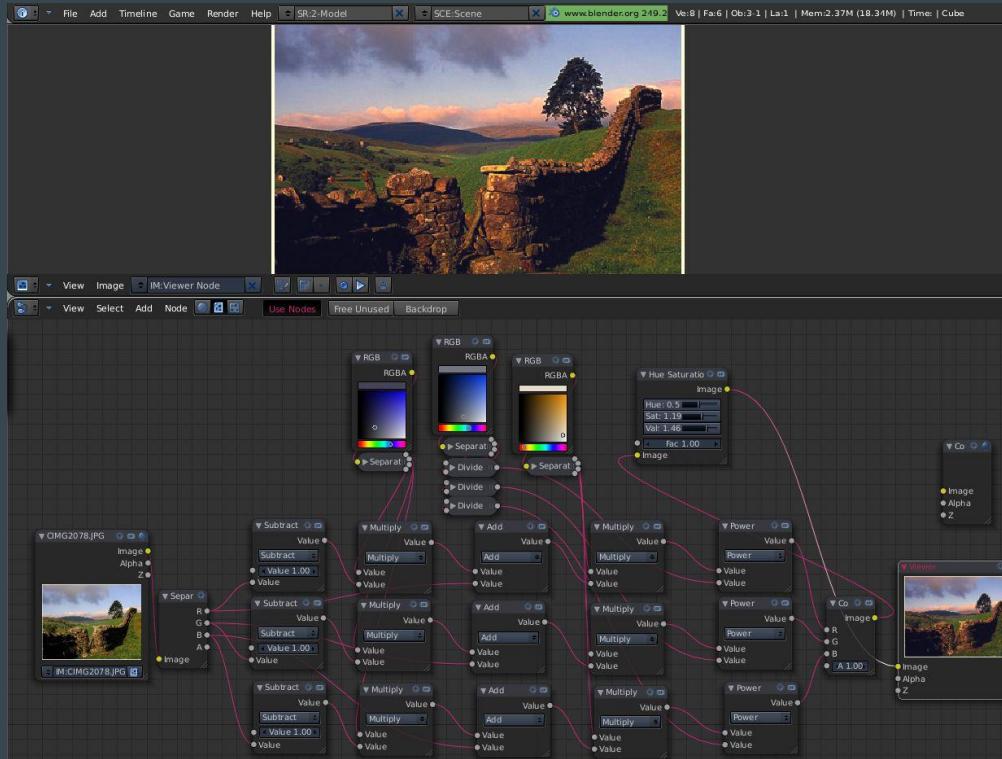
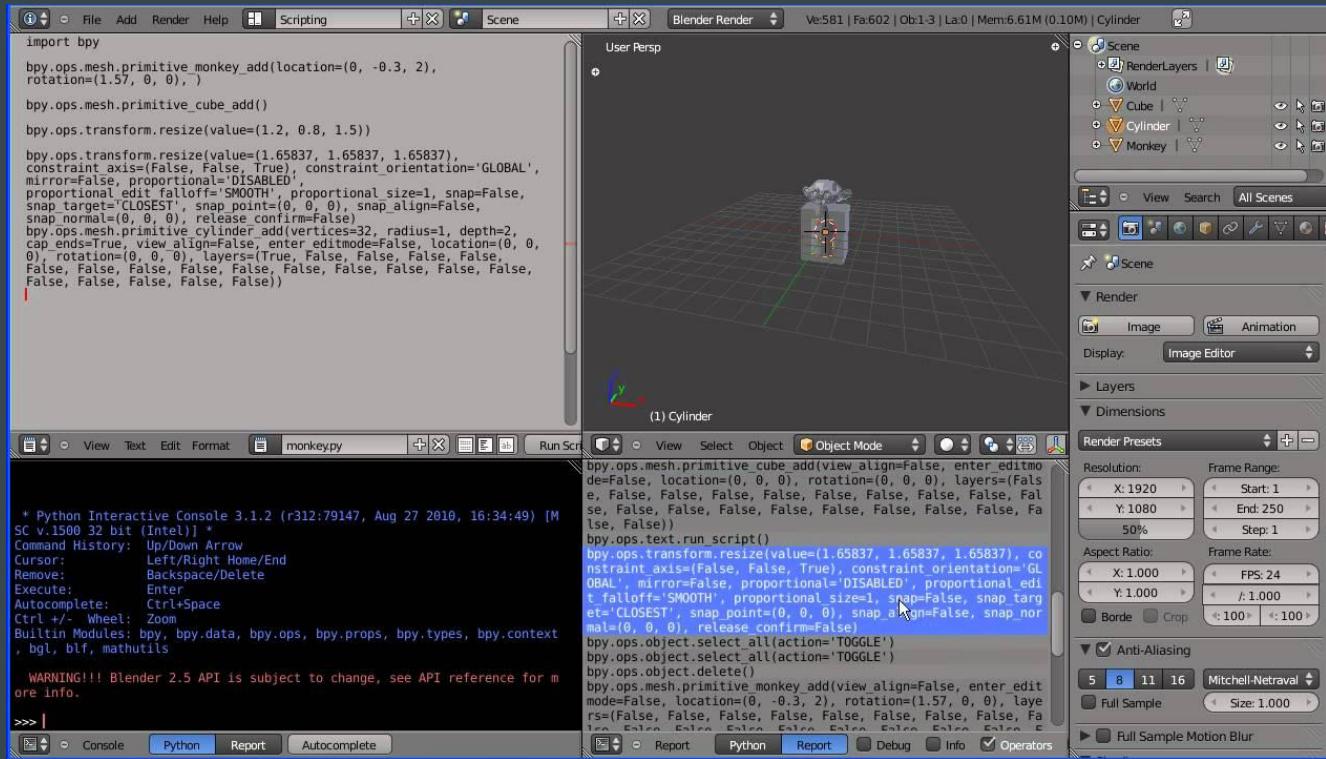


Image Compositor



Programming IDE



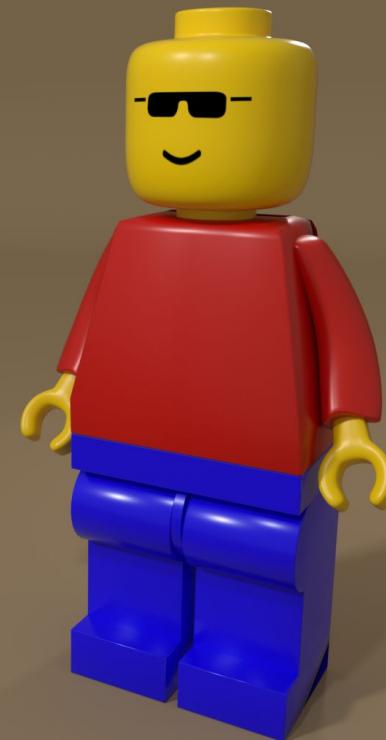
Mix 3D and Live Action



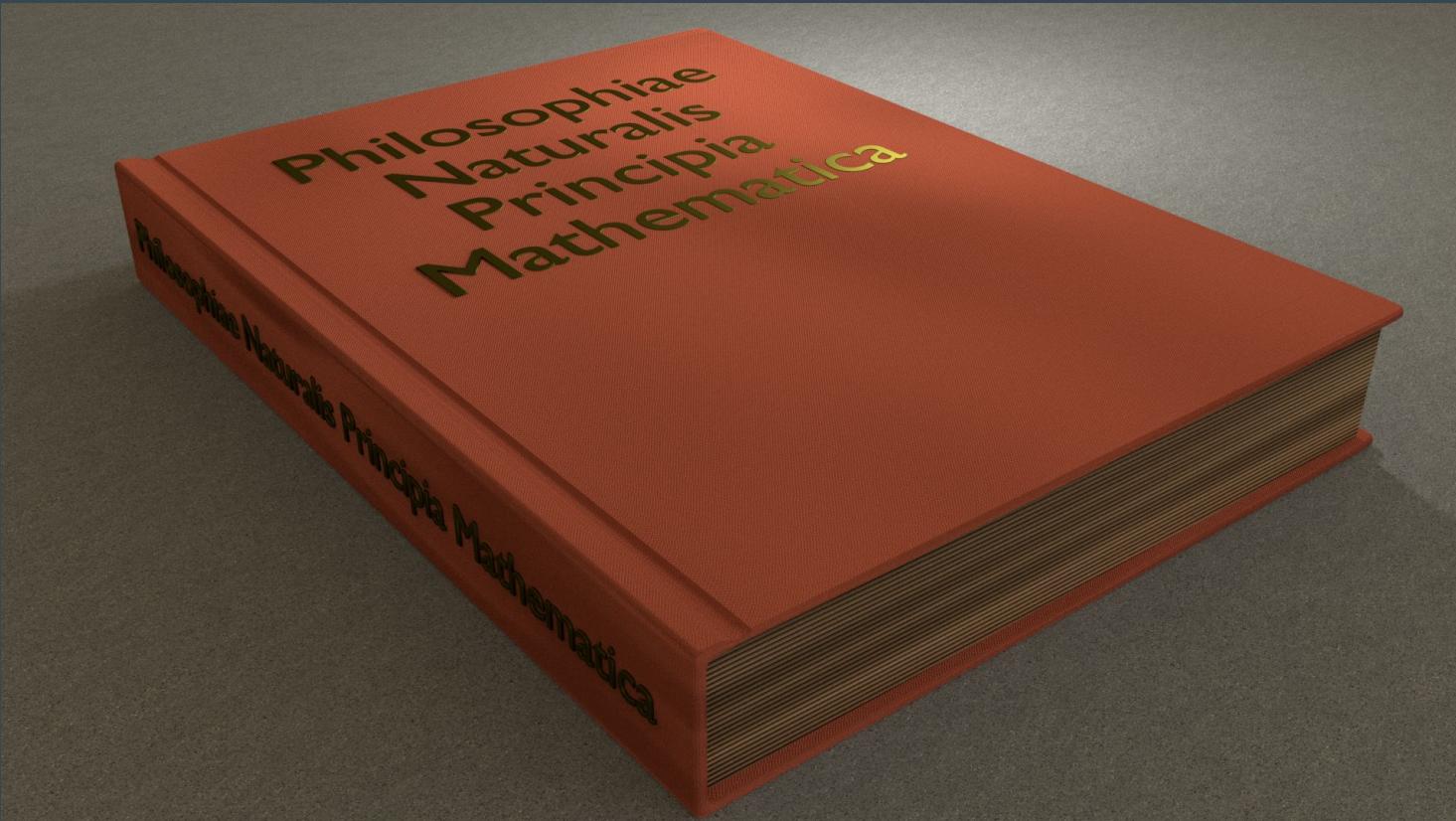
Other features

- Make 360 degree videos
- CAD
- 3D Printing
- Visualizations
- 2D Drawing
- Simulations

Some Examples



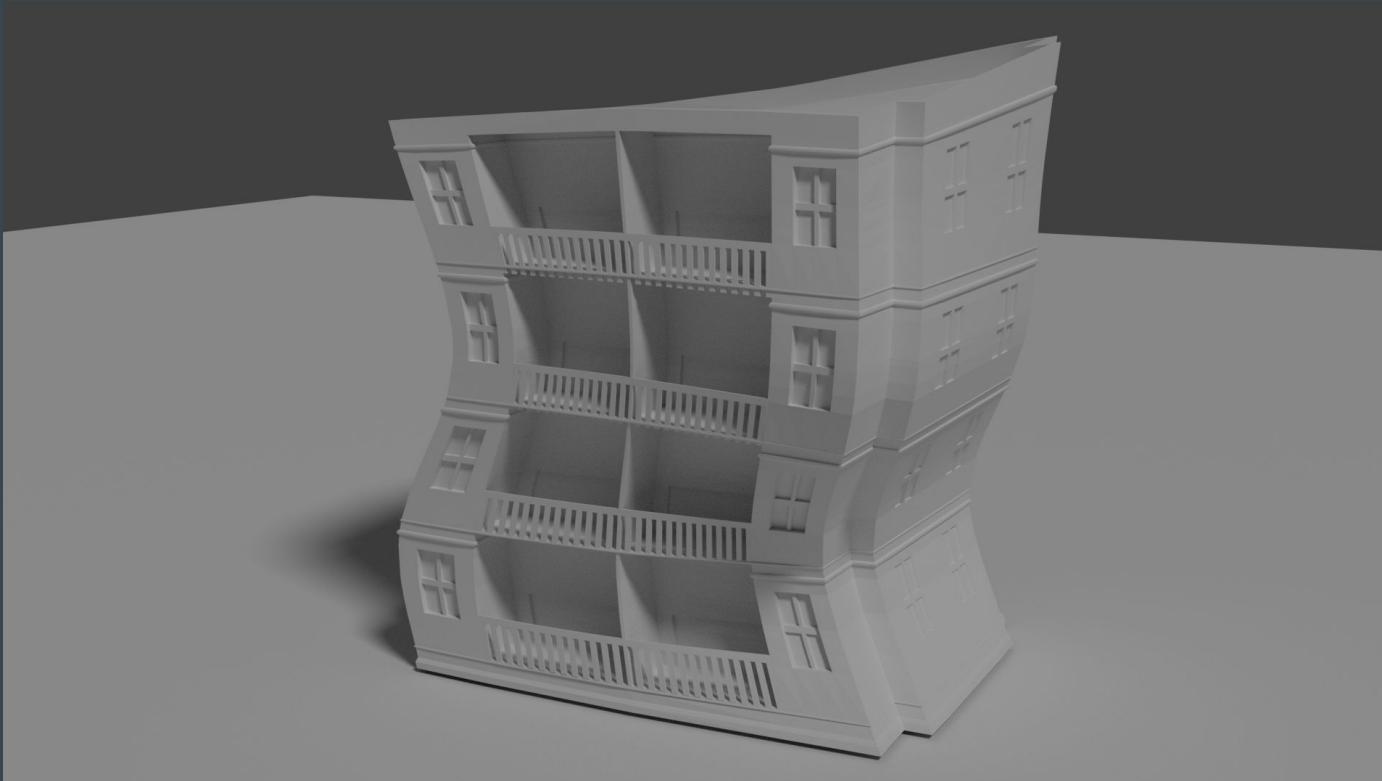
Some Examples



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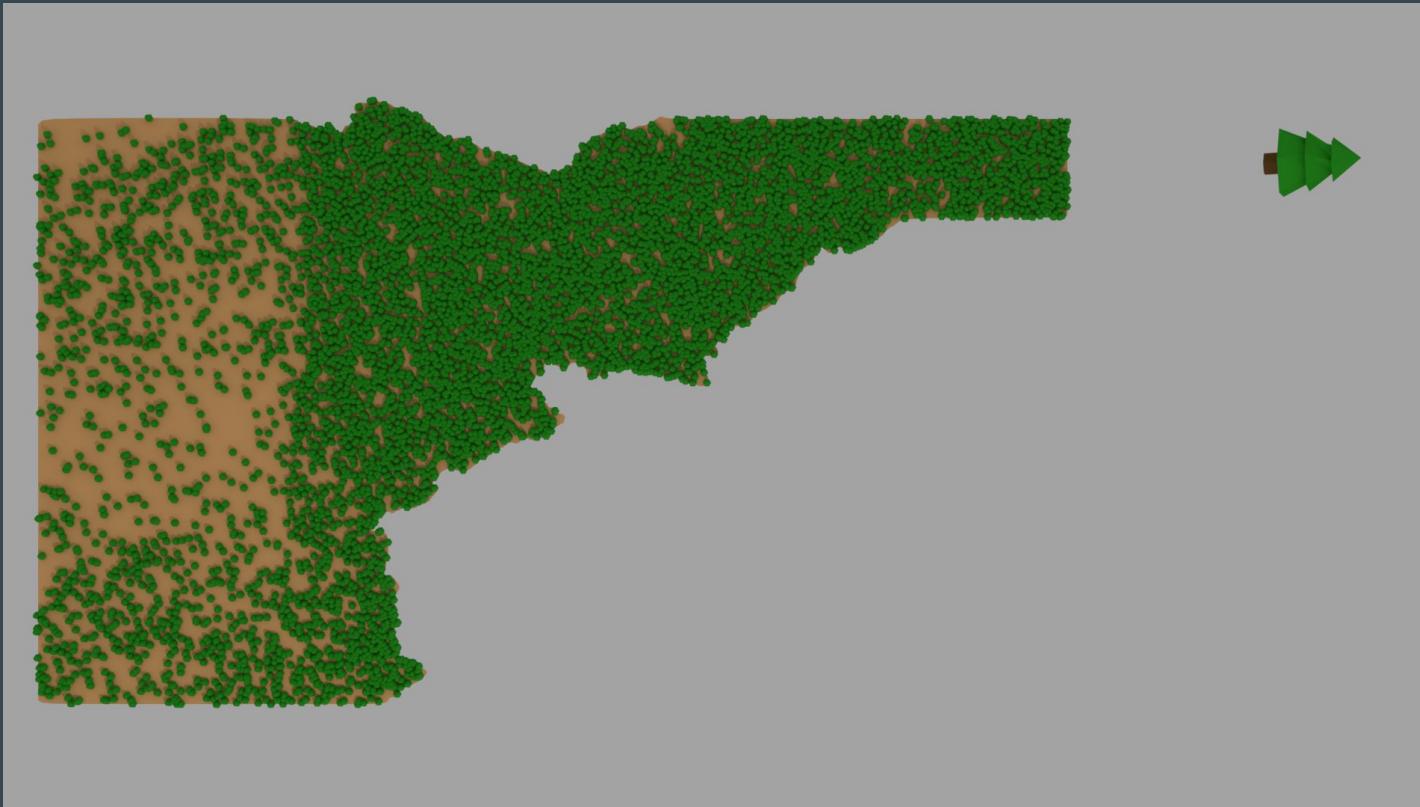
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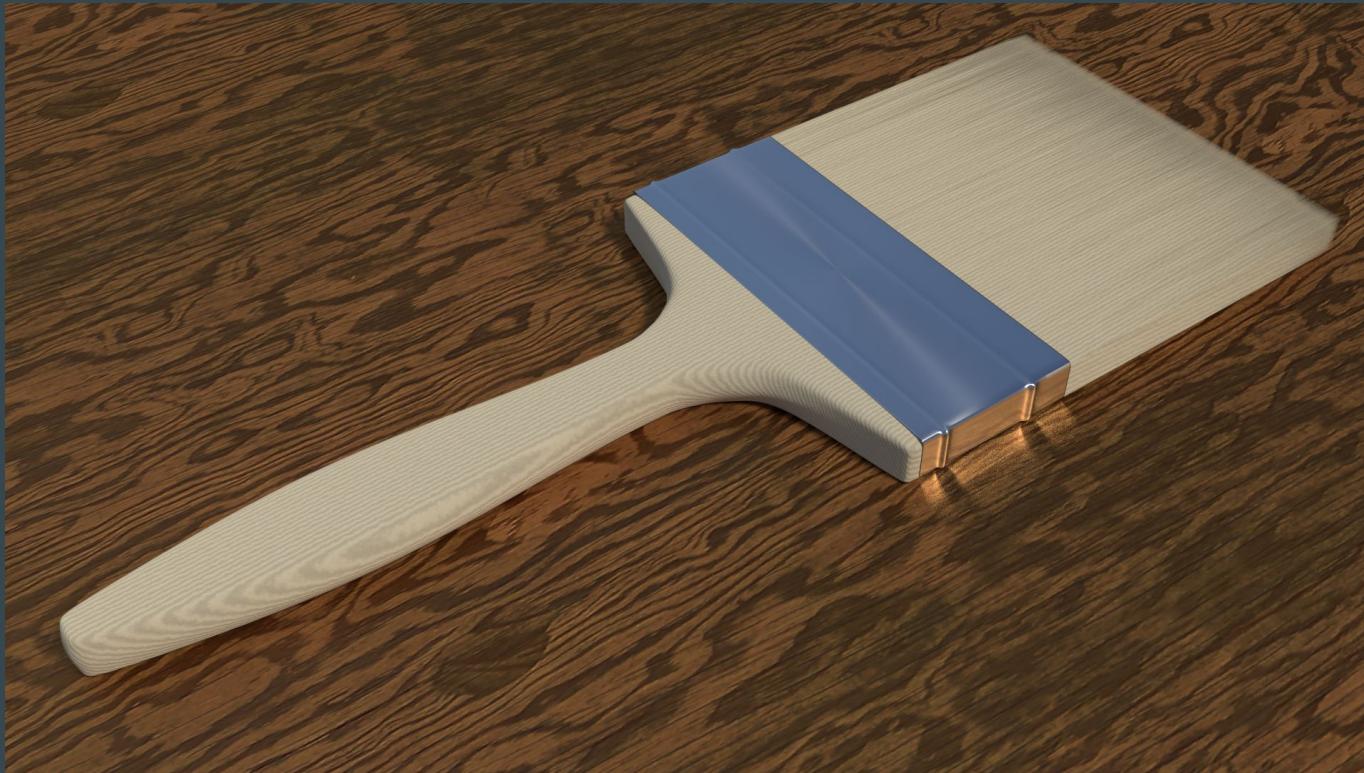
Some Examples



Some Examples



Some Examples



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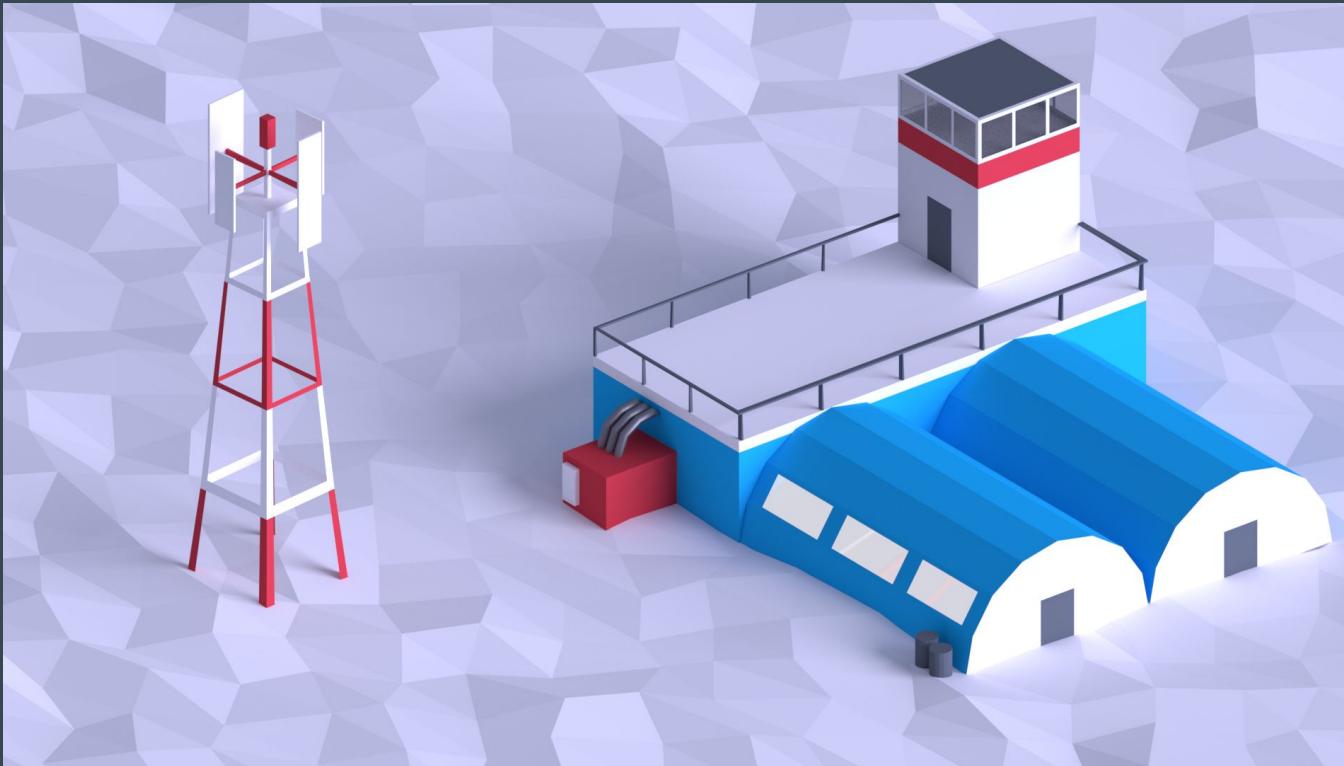
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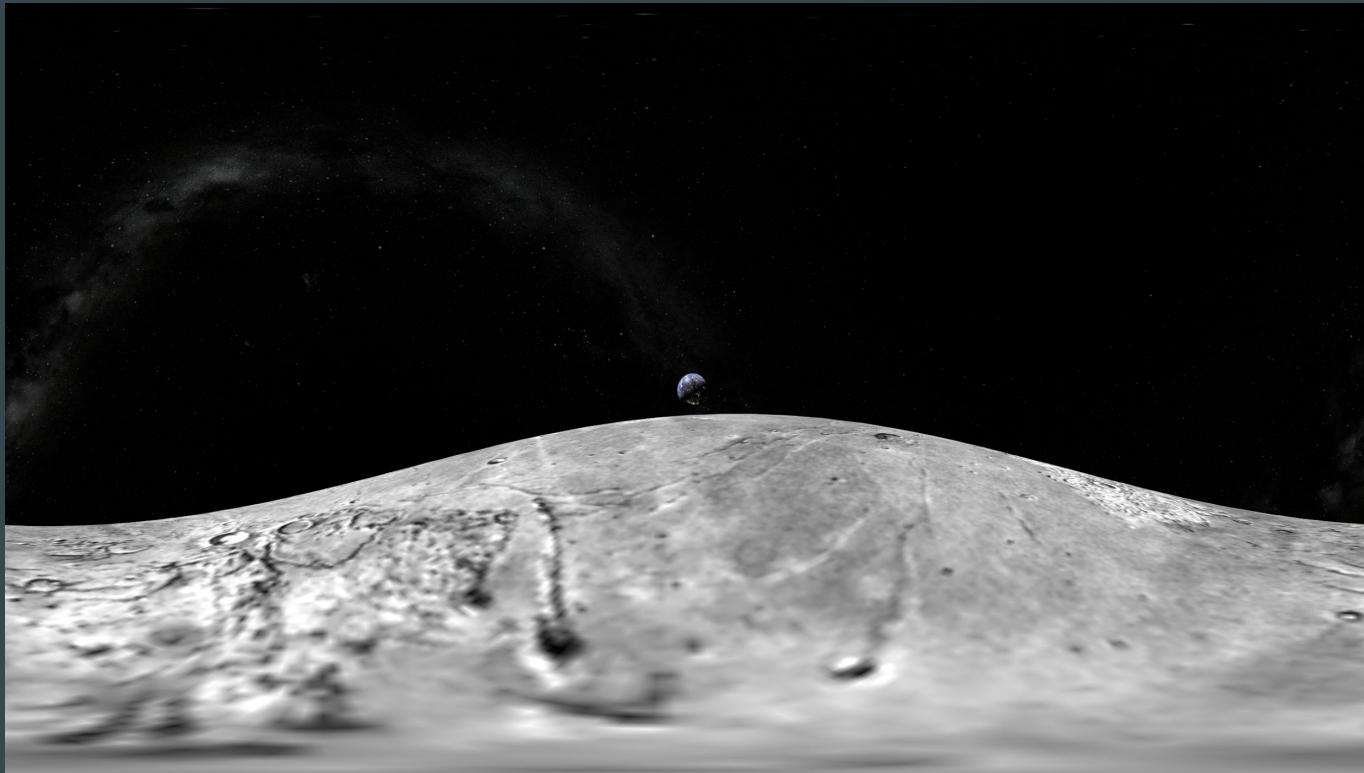
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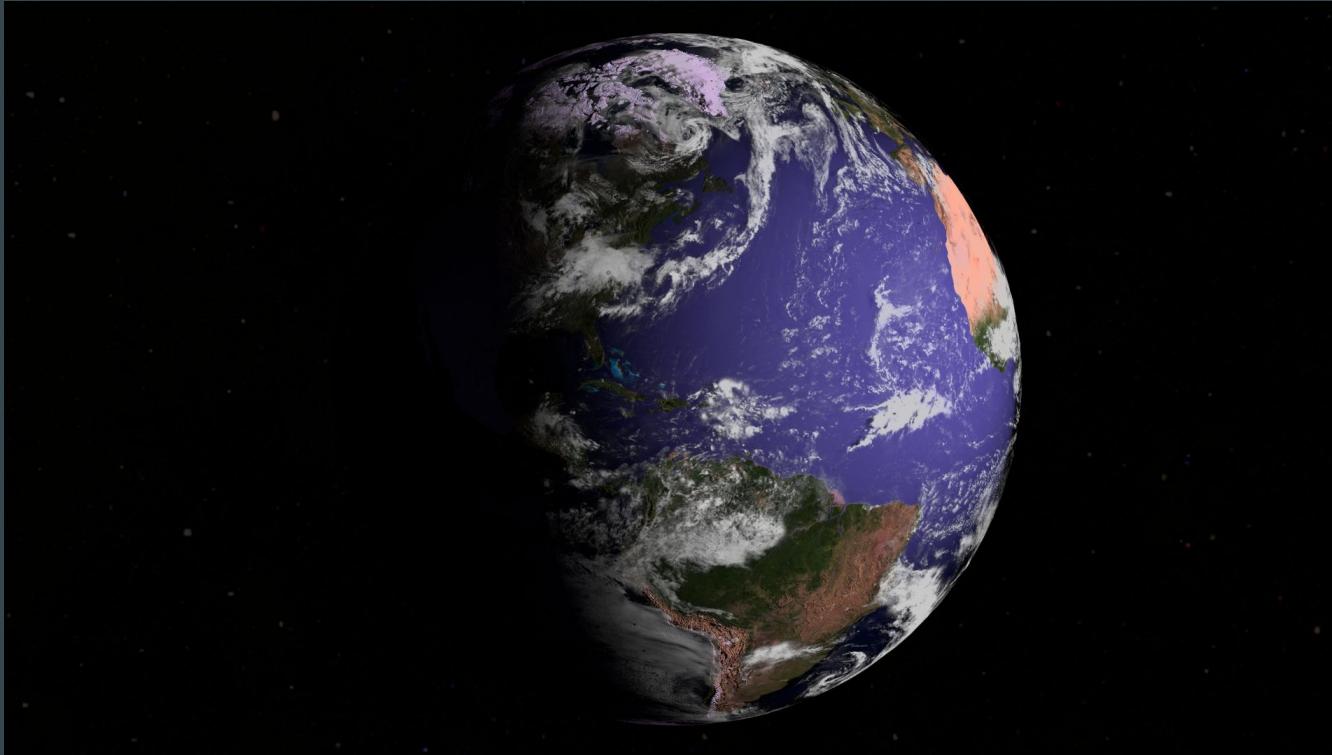
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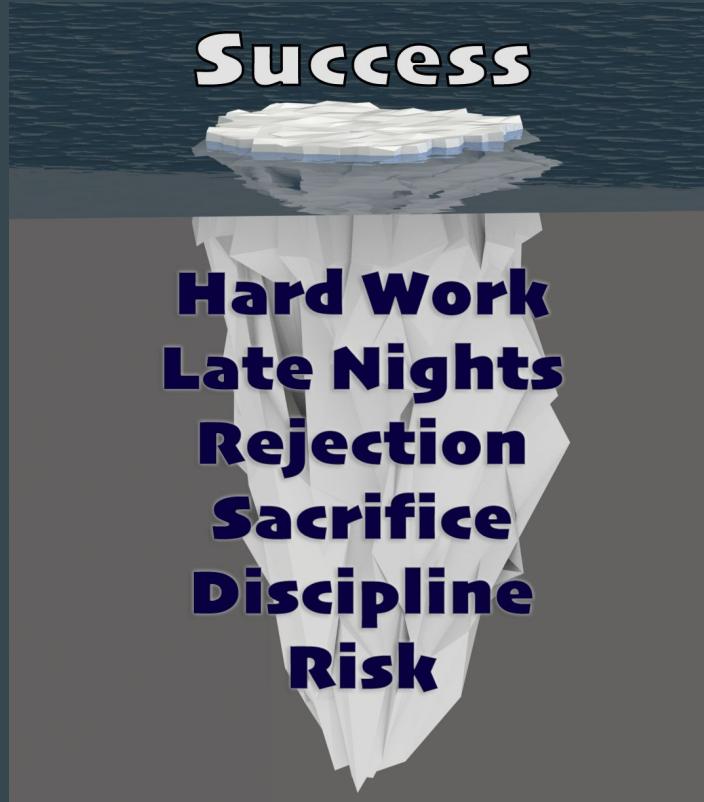
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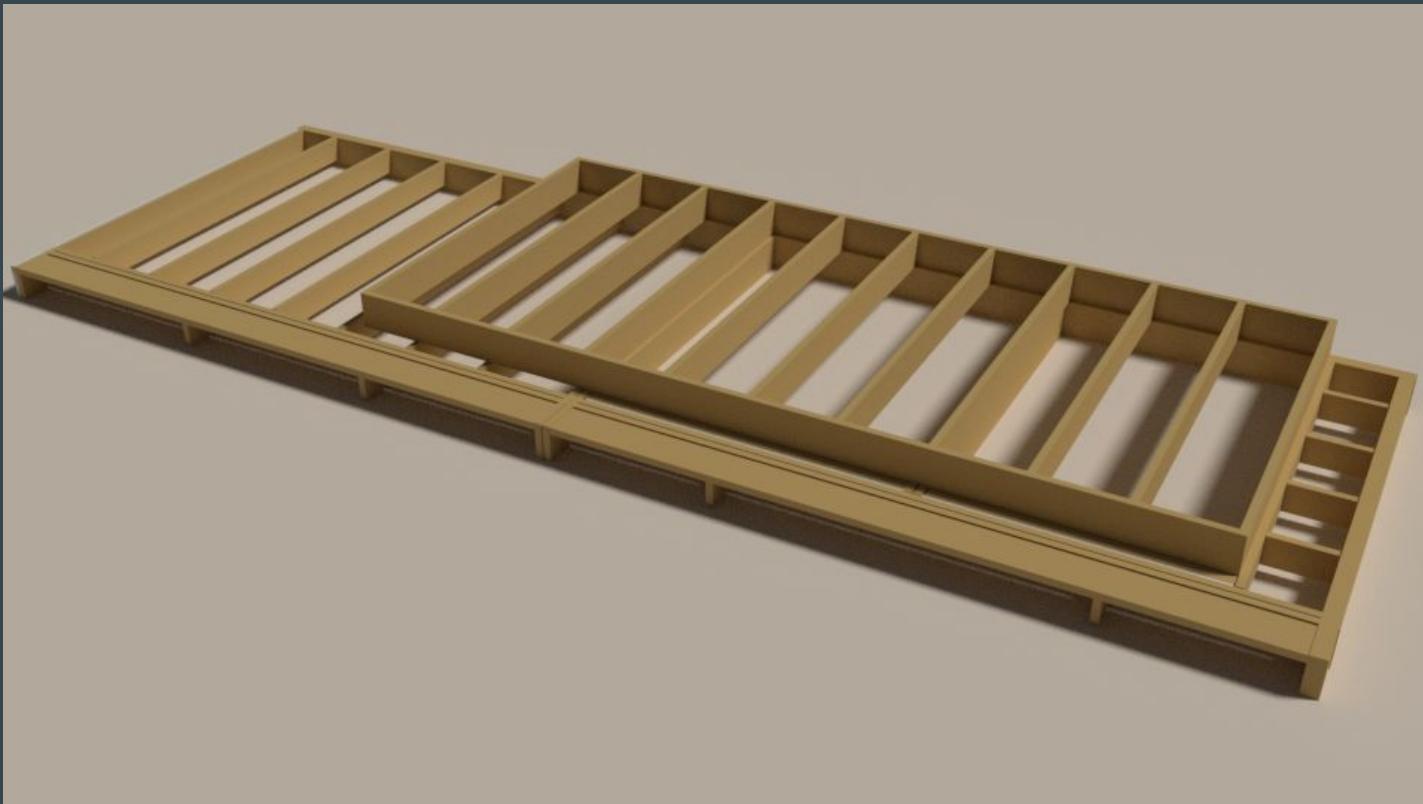
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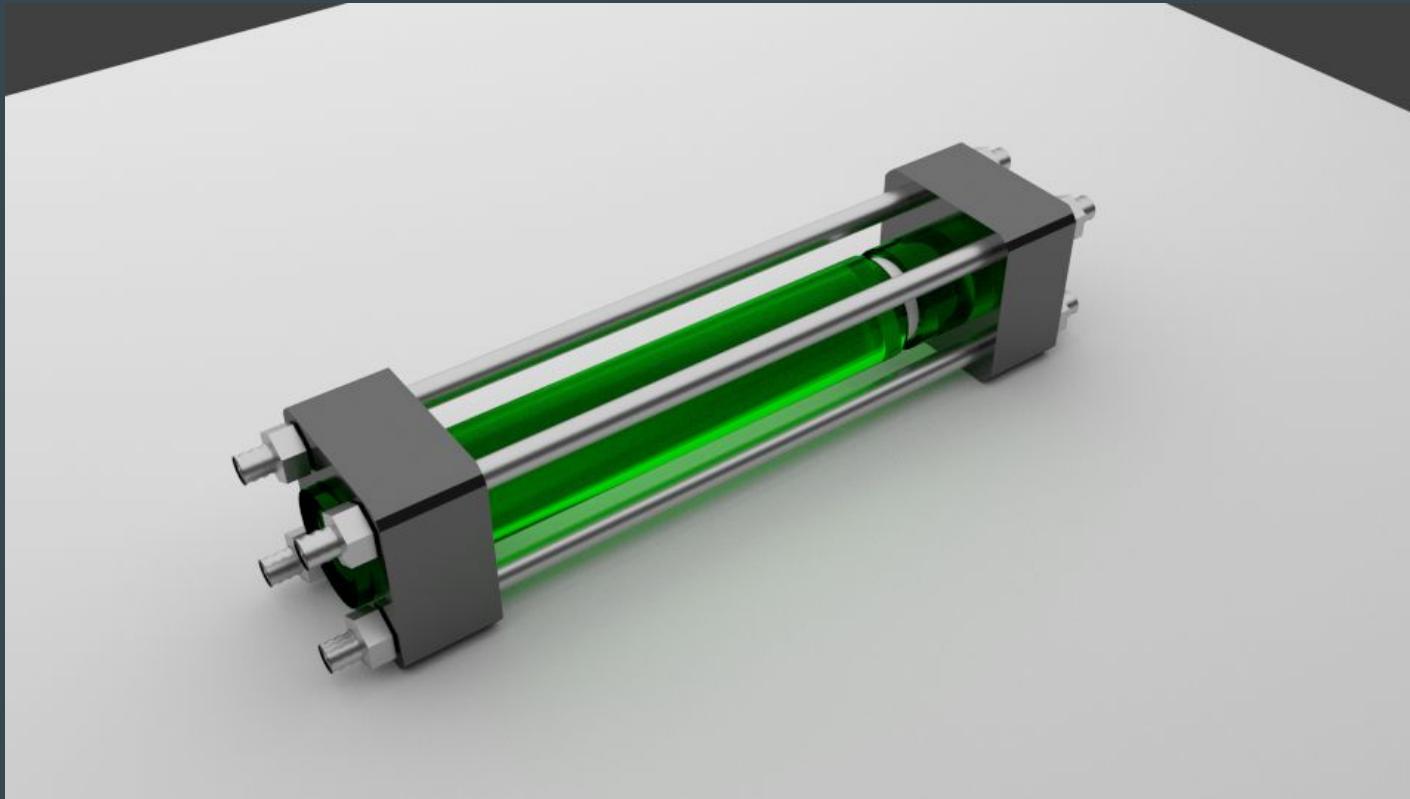


Some Examples



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Resources

[Blender](#) - Official homepage

[Blender Nation](#) - News and links

[Blender Artist](#) - Forums and gallery of Blender artists

[Blend Swap](#) - Free Blender models

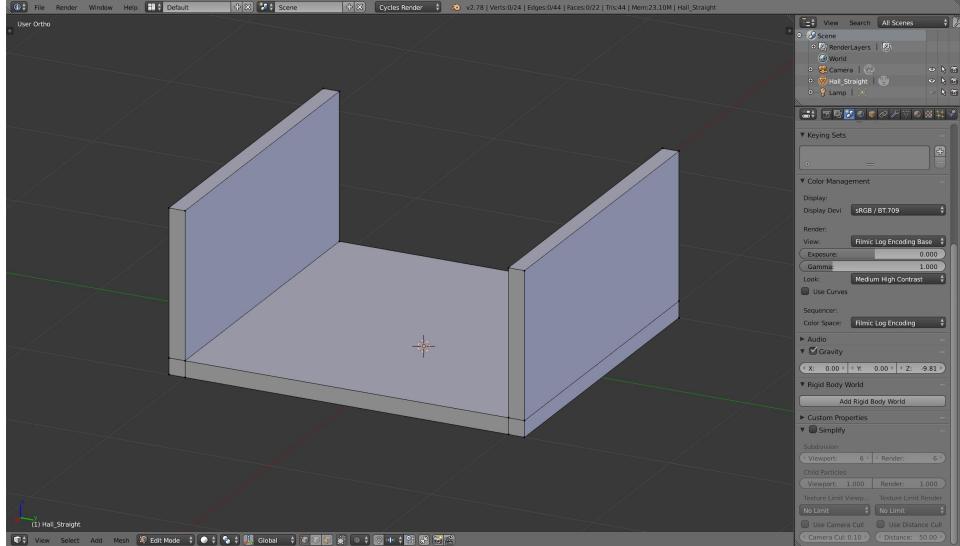
[Turbo Squid](#) - Free and paid high quality models

[Art Station](#) - Artist community

Blender 3D Demo

Making a corridor!

Simple, but illustrates a number of important ideas and techniques



Blender to Unreal

