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Digital Lego - Free and Easy (mostly)

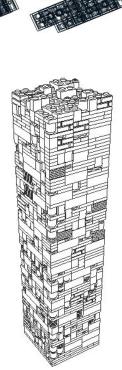
A) MODELLING

B) RENDERING

C) INSTRUCTIONS



Or How To Make Digital Lego Models



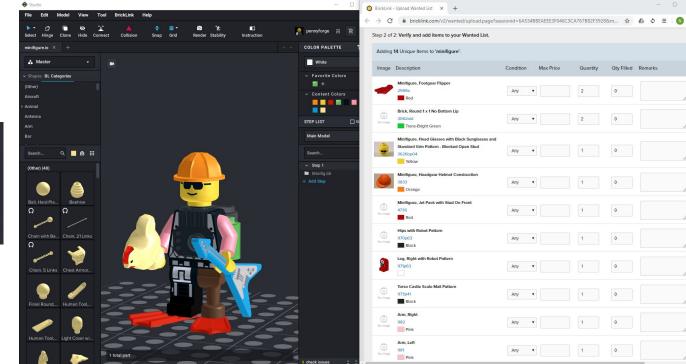


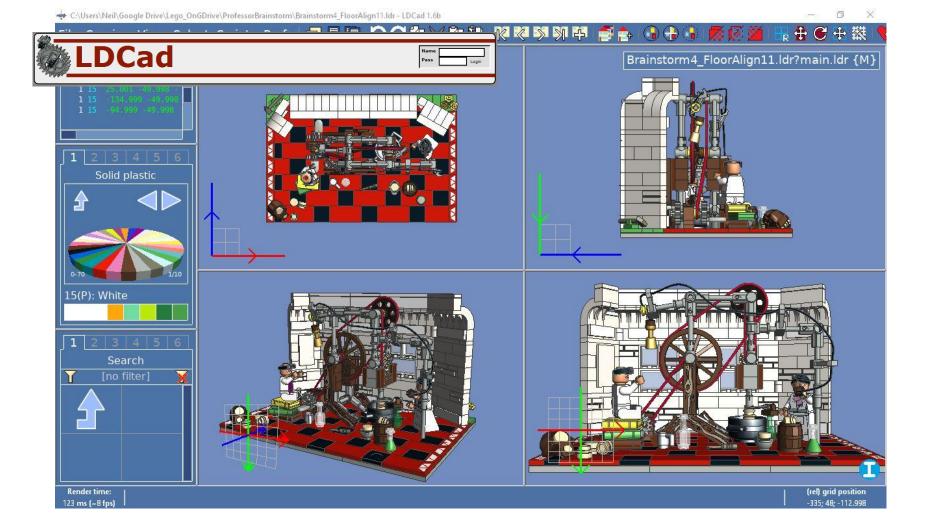




Stud.io BrickLink Integration





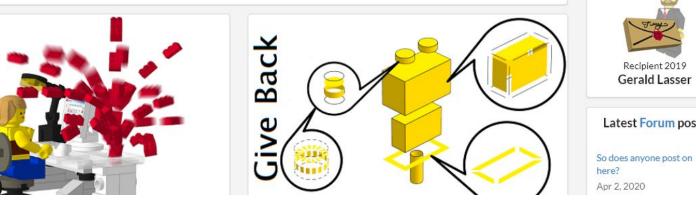


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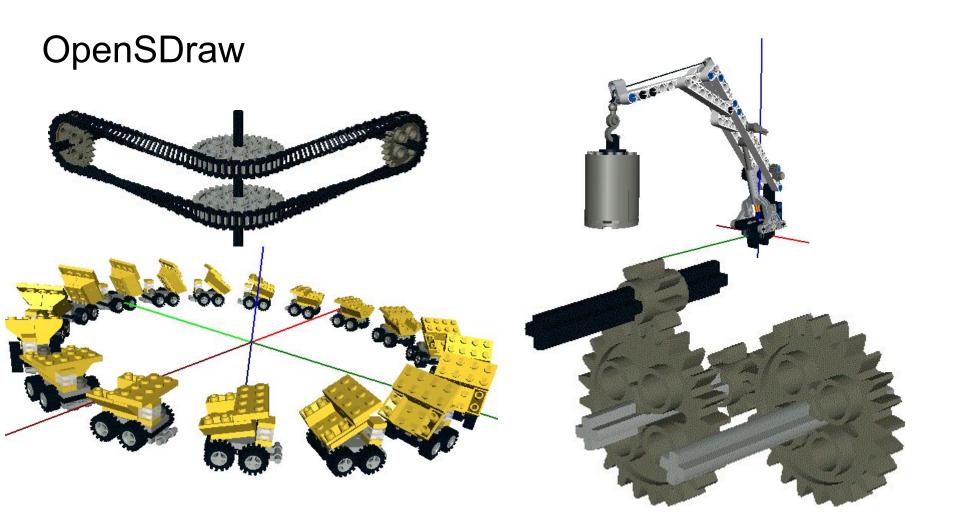
What is LDRAW?

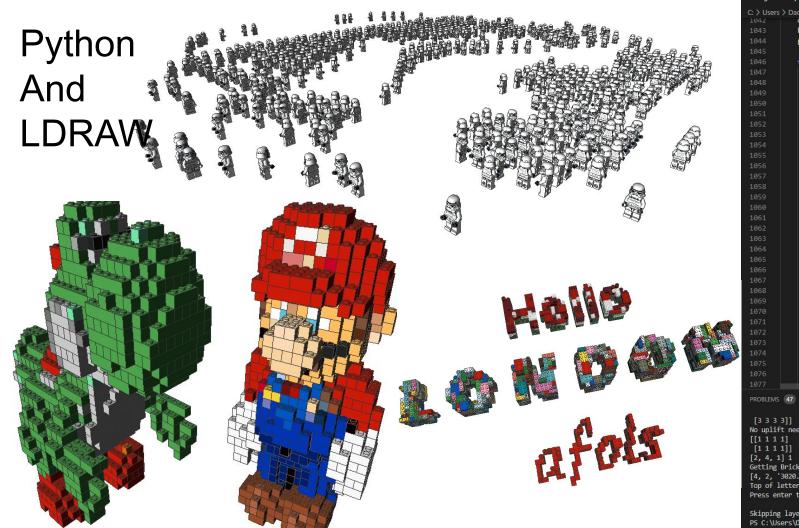
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Get Star



Latest Forum posts





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Or making it look nice!

From LDD With BlueRender

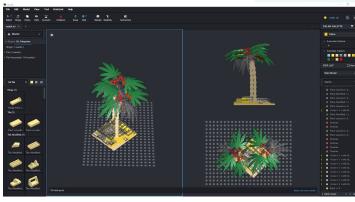


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Stud.io Photoreal Rendering







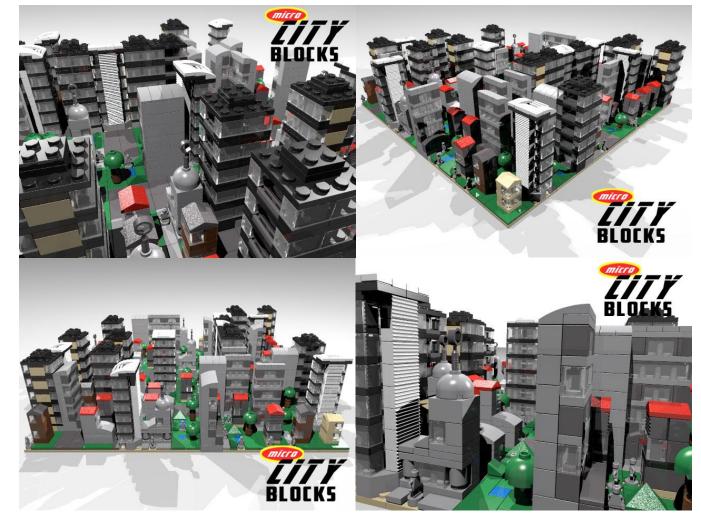
Stud.io Photoreal Animation



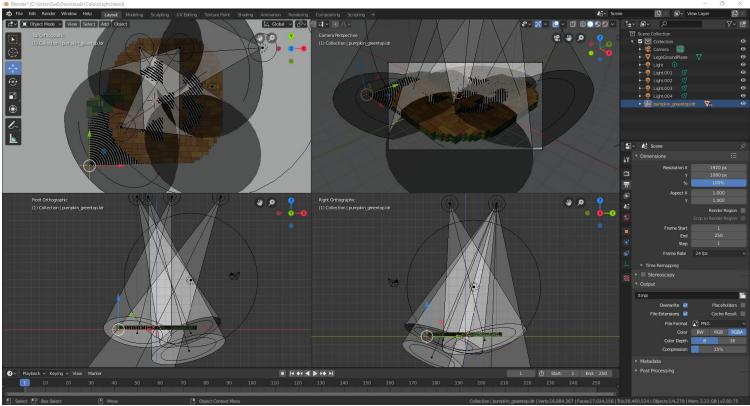


Let's hear it for POVray!

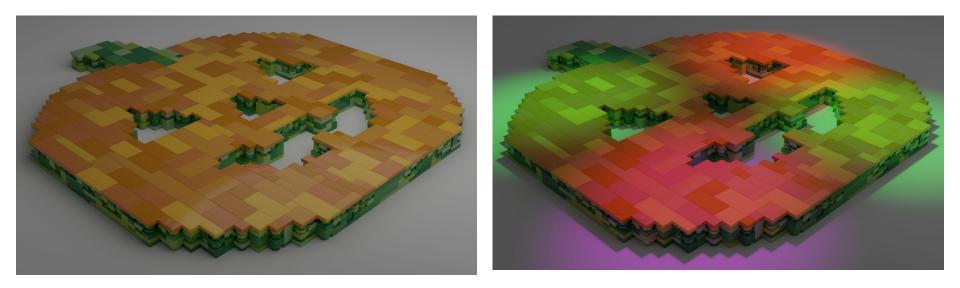




LDRAW and Blender You can do almost anything - But it is a bit full on!

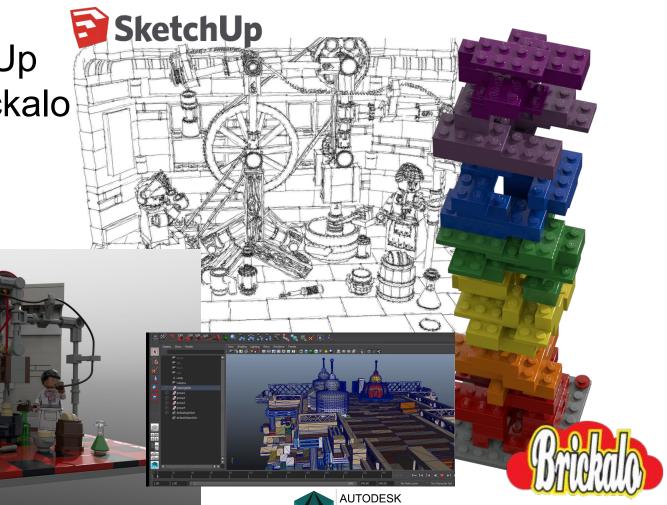


LDRAW and Blender Rendering



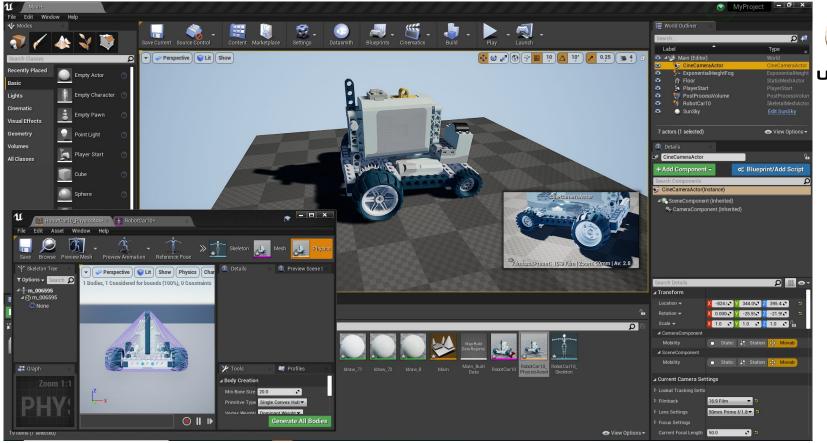
Modo, SketchUp Maya And Brickalo

modo[•]

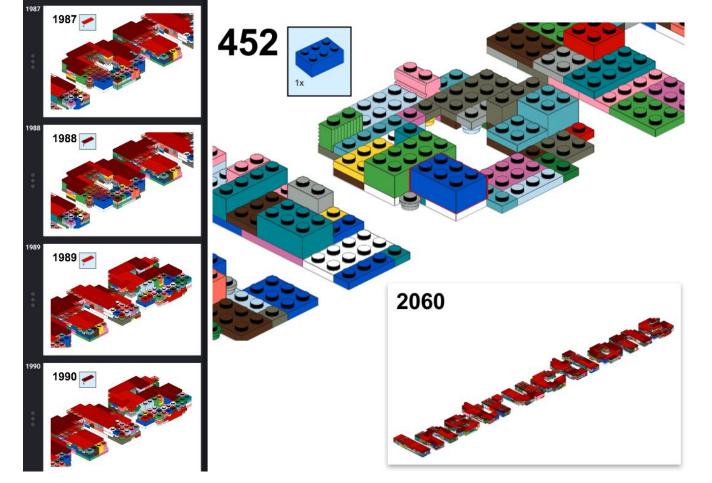


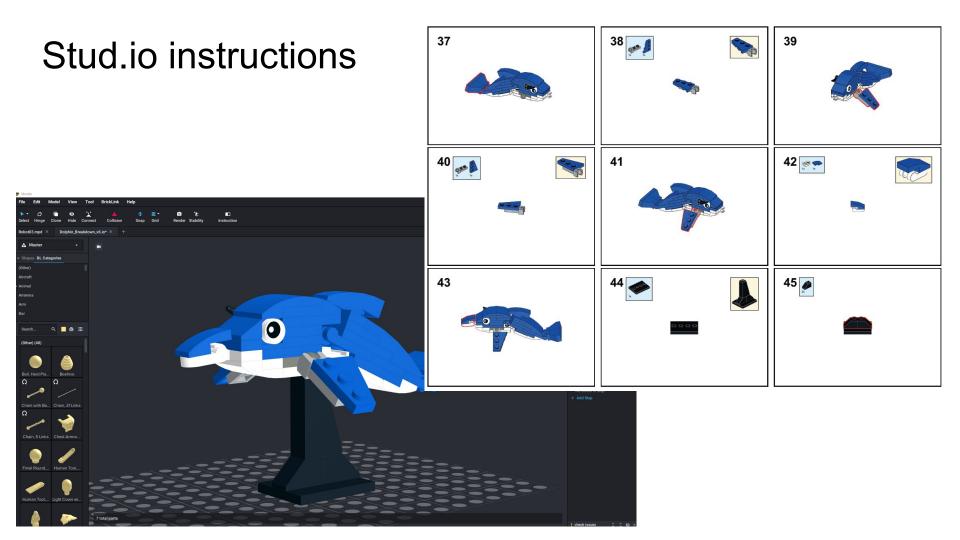


Lego and Unreal Engine



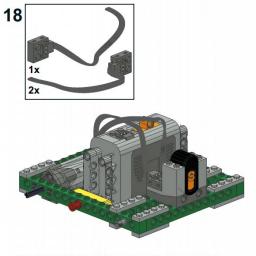
INSTRUCTIONS - How you actually build it!





LPUB 3D instructions



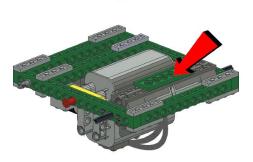


CONNECT THE TWO CABLES FROM THE MOTORS TO THE IR RECIEVER AT THE FRONT





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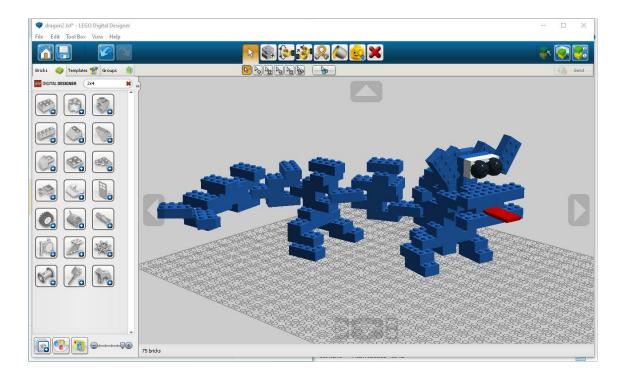


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TURN THE MODEL UPSIDE DOWN AND ADD THE 2x6 PLATE TO THE BASE OF THE MOTORS



20



HERE BE DRAGONS! With Digital LegoThere is so much to discover!

LINKS

LDD: - No longer directly accessible from the Lego website https://lego-digital-designer.en.softonic.com/

Custom Decals in LDD: https://www.rockraidersunited.com/topic/5399-tutorial-addingcustom-decals-into-Idd/

LDD Useful Tips: https://bricks.kalais.net/post25

Stud.io: https://www.bricklink.com/v3/studio/download.page

BrickLink:https://www.bricklink.com/v2/main.page

LDRAW: https://www.ldraw.org/

LDRAW All in ONE installer: https://www.ldraw.org/article/104.html

LDCAD: http://www.melkert.net/LDCad

MLCAD: http://mlcad.lm-software.com/

OpenSDaw: https://github.com/HazenBabcock/opensdraw

Python: https://www.python.org/

Visual Studio Code: https://code.visualstudio.com/download

BlueRender:

https://www.eurobricks.com/forum/index.php?/forums/topic/109972-software -bluerender-a-rendering-engine-for-ldd/

Blender: https://www.blender.org/download/

Blender LDRAW Plugin: https://github.com/TobyLobster/ImportLDraw

Modo (Free 30 days - Command Line Rendering Always Free) :https://www.foundry.com/products/modo

Modo LDraw Plugin (Donation Ware): <u>https://www.battlefleet.net/fmtldr</u>

SketchUp: https://www.sketchup.com/

Maya (Free for School Children with a school email address): https://www.autodesk.co.uk/products/maya/free-trial POVRay: http://www.povray.org/

Brickalo: http://www.brickalo.com/

LPUB 3D:https://trevorsandy.github.io/lpub3d/

Unreal Engine:https://www.unrealengine.com/

