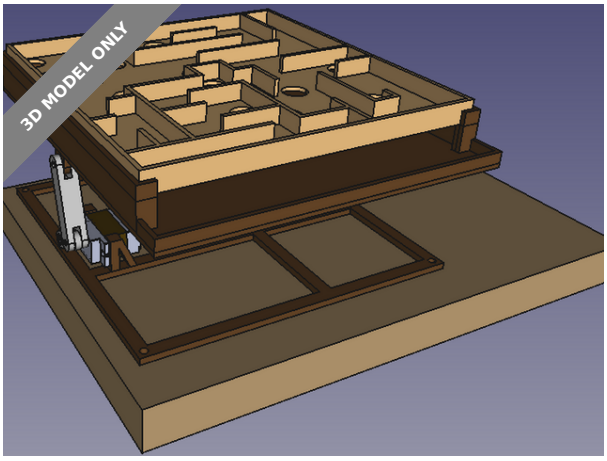

DIY Maze Game printable parts

r rbuehlma

VIEW IN BROWSER

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Summary

These are the 3D-printable parts required for https://www.instructables.com/Build-DIY-Maze-Game-Using-Arduino/ I'm not...

Toys & Games > Other Toys & Games

These are the 3D-printable parts required for https://www.instructables.com/Build-DIY-Maze-Game-Using-Arduino/

I'm not the author of that instructable but since the STL files are missing, I decided to design them according the the images found in the instructable. Thanks to SmartTronix for his great work.

While the instructable uses glue to hold the maze to its base, these files are design to make the maze replaecable. Also, the maze itself is 3D printed in my case but can simply be replaced with a laser cut one.

The outer size of the maze needs to be 150mmx150mm and the ball 11mm diameter. The arms are hold together by m3 screws and nuts.

To not require any supports, the hinge can be cut in the middle and afterwards glued together.

The mapping function in the code needs to be adjusted depending on the angle in which the motor arm is mounted to the servo motor.

Print Settings

Printer Brand:

Prusa

Printer:

I3 MK3S

Rafts:

No

Supports:

No

Resolution:

0.2

Infill:

15

Filament: Does not matter PLA What ever you like

Category: Games

Model files

maze_holder.stl

maze_arm.stl

motor_arm.stl

bolt.stl

hinge.stl

maze_stand.stl

maze.stl

Find source .stl files on Thingiverse.com

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