



Tito biped robot



Otto DIY

[VIEW IN BROWSER](#)

updated 12. 1. 2024 | published 12. 1. 2024

Summary

Who is Tito? Walker and dancer DIY biped robot, derivative design from Zowi which is based on BOB the original biped...

[Hobby & Makers](#) > [RC & Robotics](#)

Tags: [toy](#) [robot](#) [cute](#) [diy](#) [kids](#) [sound](#) [biped](#) [arduino](#)
[robotics](#) [servo](#) [dance](#) [thingiverse](#) [arduinouno](#) [printrbot](#)
[walker](#) [dfrobot](#) [cuterobot](#)

Who is Tito?

Walker and dancer DIY biped robot, derivative design from Zowi which is based on BOB the original biped robot that uses only 4 servos to walk and move. Made the following improvements:

- Able to have an Arduino UNO board (or smaller) inside the robot head.
- Bigger motors use 4x Futaba S3003 servos or similar
- 3 LEDs for a simple mouth.
- Rounded top head.
- Legs thickness increased and reinforced rounds.
- Rounded feet top.
- Chassis - base simplified.

- Easy to reprogram or energize having the connectors in the back.
- Tito uses the same connections and code as any Otto find the [Instruction Manual and coding Otto DIY](#)

Modify using tinkercad here <https://www.tinkercad.com/things/4aUQhPtPRct-tito-biped-robot>

```
<iframe width="725" height="453" src="https://www.tinkercad.com/embed/4aUQhPtPRct?editbtn=1" frameborder="0" marginwidth="0" marginheight="0" scrolling="no"></iframe>
```

We invested lots of time and resources to provide open source code, software and hardware, please support this project by just **giving us a ♥ Like and share** and you are **welcome to be a part of this friendly community** of robot builders, teachers and makers.

Join today our [Otto Builder community](#)

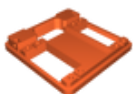
This remix is based on



Tito biped robot

by cparrapa

Model files



tito_base.stl



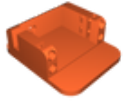
tito_head.stl



tito_leg_v02.stl



tito_foot_r.stl



tito_foot_l.stl



tito-v2.step

☐ CAD source file

[Find source .stl files on Thingiverse.com](#)

License

This work is licensed under a
Creative Commons (4.0 International License)



Attribution-ShareAlike

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✓ | Commercial Use
 - ✓ | Free Cultural Works
 - ✓ | Meets Open Definition