

today's howtos

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Created *20/10/2019 - 1:32am*

Submitted by Roy Schestowitz on Sunday 20th of October 2019 01:32:58 AM Filed under [HowTos](#) [1]

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It is time for another installment of Godot (previous entries: introduction, 2D). This time, I have dived into the world of 3D. The goal is to recreate parts of an old time favorite: Kosmonaut. Something I remember playing a lot on my dad's 286 with amazing EGA graphics.

The state of the game when writing can be seen in the short screen capture below. This is more of a tech demo status than a full game at the moment, but I hope you will still find it interesting. You can also get the complete source code.

[...]

Once we have a world with a track (the grid map), we add a player to the scene (the yellow blob in the image above ? I need to learn Blender to create a proper ship). The player scene contains the ship ? and the camera. This means that the camera follows the player automatically ? very convenient.

The player script is responsible for this ship's movements based on user input. Inputs can either be pressed for a long time, used for sideways movement, or just tapped (i.e. the release is ignored), used for jumping. Each of the inputs are mapped to a keyboard key (or other input device) in the Project Settings dialog, under the Input Map tab. This feels a bit awkward to me and makes me lose the feeling of flow ? but I don't know how to do it better.

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Source URL: <http://www.tuxmachines.org/node/129492>

Links:

- [1] <http://www.tuxmachines.org/taxonomy/term/98>
- [2] <https://www.how2shout.com/how-to/how-to-install-chromium-on-ubuntu-using-snap.html>
- [3] <http://www.thelins.se/johan/blog/2019/10/3d-using-godot/>
- [4] <https://www.addictivetips.com/ubuntu-linux-tips/install-openoffice-on-linux/>
- [5] <https://idroot.us/install-free-ssl-certificate-apache-centos-8/>
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- [9] <http://ubuntuhandbook.org/index.php/2019/10/install-shutter-ppa-ubuntu-19-10/>