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Tux Droid, a python-fueled robot

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Tux Droid is a tux-shaped robot wirelessly controlled from a computer running Linux. It can talk and move, but also listen and react to events.

The wireless link is the key here, it provides Tux Droid with access to all the power of Python. Python's interpreter is of great help if you don't have any clue about programming languages and would like to make your first steps into robotics and programming. Simple scripts to control your robot are really at your fingertips.

You can easily stream music and sounds to and from Tux Droid, blinking the eyes, wave the flippers, spin, send and receive IR codes or detect if the head button is pressed. Tux Droid's embedded processing is only meant to interface sensors and actuators. But by developing a complete python API, we can leverage the embedded basic set of features to get a complex robot which can bring life to your applications and act as a desktop companion. Something advanced python users will also have fun with.

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