

# NASA?s R2 bot to receive legs via SpaceX

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The 330-pound Robonaut 2 measures 3 feet, 4 inches tall from the waist, and is equipped with more than 350 sensors. Its stomach-located brain runs Linux on 38 PowerPC-based processors. The robot is operated remotely by humans, using the Robonaut Tele-operation System (RTS). This telerobotics system requires a ground- or space-based user to wear a 3D visor, vest, and pressure-sensitive gloves. (For more on the R2, see our original coverage.)

According to the OSRF, the R2 team also uses the open source Gazebo simulator to simulate R2 for development and testing. NASA and ROS.org released their Gazebo models of the R2 and the ISS as open source.

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**Source URL:** <http://www.tuxmachines.org/node/64233>

## Links:

[1] <http://www.tuxmachines.org/taxonomy/term/63>

[2] <http://www.tuxmachines.org/taxonomy/term/114>

[3] <http://linuxgizmos.com/nasa-robot-to-receive-legs-via-spacex-launch/>