

Linux-based bipedal robot endures kicks and dodgeball attacks

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OSU demonstrated its speedy, bipedal ATRIAS robot withstanding a barrage of kicks and dodgeballs. ATRIAS runs on ROS and a real-time Xenomai Linux kernel.

Researchers at Oregon State University's Dynamic Robotics Laboratory have demonstrated their Linux-driven ATRIAS robot withstanding a considerable beating while keeping its cool. OSU recently posted videos of its unusual torture testing procedures, which include human kicks and a barrage of dodgeballs, as reported by IEEE Spectrum. Eventually, the human-sized bipedal robot is knocked from its feet, but not before it absorbs a lot of hits. The robot protects itself with strategies such as side stepping and hopping on one foot

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