https://github.com/open-dynamic-robot-initiative

https://www.science.org/doi/10.1126/scirobotics.abj7562

https://www.science.org/content/article/drone-has-legs-watch-flying-robot-perch-branches-catch-tennis-ball-midair

https://www.google.com/search?q=scientists+that+made+bird+feet+reddit+that+can+grab+objects&bih=1222&biw=1854&rlz=1C1GCEA\_enUS951US951&hl=en&sxsrf=AOaemvKiUKuQ0ZSjVYBJ8mP1g2HdjOPoHg%3A1638909587312&ei=k8avYbSoEuqqqtsP3cihwA4&ved=0ahUKEwj0vZT-xdL0AhVqlWoFHV1kCOgQ4dUDCA4&uact=5&oq=scientists+that+made+bird+feet+reddit+that+can+grab+objects&gs\_lcp=Cgdnd3Mtd2l6EAMyBQghEKABMgUIIRCrAjIFCCEQqwJKBAhBGAFQ1wJY2SRg4CVoAXAAeACAAa4BiAGQEpIBBDEzLjmYAQCgAQHAAQE&sclient=gws-wiz

https://shop.bostondynamics.com/spot-arm?cclcl=en\_US

https://shop.bostondynamics.com/spot-cam-ptz?cclcl=en\_US

https://forum.arduino.cc/t/quadruped-robot-dog/701883

https://github.com/mit-biomimetics/Cheetah-Software/blob/master/documentation/getting\_started.md

https://github.com/chvmp/champ

https://www.google.com/search?q=reaction+wheels+model+rocketry&tbm=isch&ved=2ahUKEwjt85rN\_8\_0AhUM\_qwKHU3oBFwQ2-cCegQIABAA&oq=reaction+wheels+model+rocketry&gs\_lcp=CgNpbWcQAzoHCCMQ7wMQJzoFCAAQgAQ6BggAEAcQHjoECAAQHjoGCAAQBRAeUABYmiJgoCVoAXAAeACAAVCIAY0JkgECMTaYAQCgAQGqAQtnd3Mtd2l6LWltZ8ABAQ&sclient=img&ei=VnCuYe3wKYz8swXN0JPgBQ&bih=1232&biw=2560&rlz=1C1GCEA\_enUS951US951#imgrc=9zTbdpSdgkQ7mM&imgdii=v6o90np0Ea\_ooM

https://github.com/adham-elarabawy/open-quadruped

https://arxiv.org/pdf/1901.00697.pdf

https://blog.arduino.cc/2020/10/10/make-your-own-3d-printed-arduino-powered-quadruped-robot-for-under-60/

https://www.researchgate.net/publication/330132363\_Design\_Development\_and\_Experimental\_Realization\_of\_a\_Quadrupedal\_Research\_Platform\_Stoch/figures?lo=1

https://gallery.autodesk.com/projects/120472/spotmini

https://hackaday.com/2020/10/23/the-adorable-robot-spot-now-in-affordable-form/

https://pupper.readthedocs.io/en/latest/

https://github.com/stanfordroboticsclub/StanfordQuadruped

https://great3d.com/stanford-pupper-robot-carbon-fiber-parts/

https://stanfordstudentrobotics.org/pupper

https://hackaday.com/2020/05/12/robotic-open-source-puppy-needs-a-home/

https://hackaday.com/tag/quadruped/

https://hackaday.io/project/171456-diy-hobby-servos-quadruped-robot

https://robotics.stackexchange.com/questions/18366/question-about-programming-approach-of-a-dog-like-quadruped-robot

https://www.halidyildirim.com/lotp-robotdog-prototype-2

https://ibrahimbisen.github.io/Sublinks/Projects.html

https://www.amazon.com/s?k=servo&ref=nb\_sb\_noss\_2

https://www.halidyildirim.com/

https://www.youtube.com/channel/UCfY4QudfnPH8X3gaX6DbpPw/videos

https://www.reddit.com/r/arduino/comments/j9bt4d/hi\_everyone\_my\_son\_halid\_is\_working\_on\_a/

https://www.epfl.ch/labs/biorob/misc/archive/cheetah-2/

https://github.com/mikeferguson/smaldog

https://os.mbed.com/users/ms523/notebook/eric-overview/

http://coretechrobotics.blogspot.com/2014/10/a-simple-quadruped-robot.html?showComment=1414028538554

https://github.com/miguelasd688/4-legged-robot-model

https://www.youtube.com/watch?v=tLrRlXxM5Yw&ab\_channel=MSCArt

https://grabcad.com/library/walking-quadruped-robot-diy-1

https://www.youtube.com/watch?v=DfBF26DaT-M&ab\_channel=JamesBruton

https://www.youtube.com/watch?v=4MGZvcd0xxc&t=4s&ab\_channel=JamesBruton

https://www.youtube.com/watch?v=jmgKQeorfZY&t=162s&ab\_channel=JamesBruton

https://www.reddit.com/r/robotics/comments/qyzii8/the\_quadruped\_i\_have\_been\_working\_on\_for\_the\_past/?utm\_source=share&utm\_medium=ios\_app&utm\_name=iossmf

https://pytorch.org/

https://www.youtube.com/watch?v=2OjEeiT69ug&ab\_channel=MATLAB

https://www.youtube.com/watch?v=6DL5M9b2j6I&ab\_channel=MATLAB

https://www.youtube.com/results?search\_query=how+to+teach+quadruped+walking+matlab

https://www.youtube.com/results?search\_query=how+to+use+mit+app+inventor+with+arduino

https://www.amazon.com/Slamtec-RPLIDAR-Scanning-Avoidance-Navigation/dp/B07TJW5SXF/ref=sr\_1\_3?keywords=lidar&qid=1638967125&sr=8-3

https://arstechnica.com/gadgets/2020/06/boston-dynamics-robot-dog-can-be-yours-for-the-low-low-price-of-74500/

https://www.mathworks.com/videos/matlab-and-simulink-robotics-arena-walking-robots-pattern-generation-1546434170253.html?s\_tid=srchtitle\_Modeling%20and%20Simulation%20of%20Walking%20Robots\_5

https://github.com/mathworks-robotics

https://www.mathworks.com/matlabcentral/fileexchange/64227-matlab-and-simulink-robotics-arena-walking-robot?s\_tid=srchtitle\_Modeling%20and%20Simulation%20of%20Walking%20Robots\_4

https://www.mathworks.com/videos/deep-reinforcement-learning-for-walking-robots--1551449152203.html?s\_tid=srchtitle\_Modeling%20and%20Simulation%20of%20Walking%20Robots\_3

https://blogs.mathworks.com/student-lounge/2019/12/20/walking-robot-modeling-and-simulation/?s\_tid=srchtitle\_Modeling%20and%20Simulation%20of%20Walking%20Robots\_2

https://www.mathworks.com/videos/modeling-and-simulation-of-walking-robots-1576560207573.html?s\_tid=srchtitle\_Modeling%20and%20Simulation%20of%20Walking%20Robots\_1

https://www.mathworks.com/matlabcentral/answers/251947-basic-things-for-creating-a-simulated-robot-walk?s\_tid=srchtitle\_Modeling%2520and%2520Simulation%2520of%2520Walking%2520Robots\_10

https://www.mathworks.com/help/deeplearning/ug/train-biped-robot-to-walk-using-reinforcement-learning-agents.html?s\_tid=srchtitle\_Modeling%2520and%2520Simulation%2520of%2520Walking%2520Robots\_9

https://www.mathworks.com/help/reinforcement-learning/ug/train-biped-robot-to-walk-using-reinforcement-learning-agents.html?s\_tid=srchtitle\_Modeling%2520and%2520Simulation%2520of%2520Walking%2520Robots\_8

https://www.mathworks.com/videos/reinforcement-learning-part-4-the-walking-robot-problem-1557482052319.html?s\_tid=srchtitle\_Modeling%2520and%2520Simulation%2520of%2520Walking%2520Robots\_7

https://www.mathworks.com/videos/matlab-and-simulink-robotics-arena-walking-robots-part-3-trajectory-optimization-1506440520726.html?s\_tid=srchtitle\_Modeling%20and%20Simulation%20of%20Walking%20Robots\_6

https://www.mathworks.com/search.html?c%5B%5D=entire\_site&q=Modeling%20and%20Simulation%20of%20Walking%20Robots&page=2

https://www.youtube.com/watch?v=6qbW7Ki9NUc&ab\_channel=sentdex

<https://www.youtube.com/watch?v=Wypc1a-1ZYA&ab_channel=MATLAB>

I need to do matlab