

Design of Custom Kinematics Controller Using Klipper Firmware

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GitHub Repository: <https://github.com/prajul-l850/klipper.git>

Pull Request: <https://github.com/Klipper3d/klipper/compare/master...prajul-l850:klipper:feature/custom-kinematics-prajul>

Summary

To modify the existing architecture of Klipper to control a custom robotic application requiring 6 or more stepper motors. The proposed solution leverages Klipper's existing host-MCU architecture while adding custom kinematics modules to handle multi-axis coordination and inverse kinematics calculations for robotic applications.