

ArmSim

Robotic Arm Simulator and Movement Programmer

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1 Summary

Programming the complex movements of a robotic arm using direct angles and low level code is usually out of the scope of most factory operator's expertise, it is also a slow and tedious process for robot designers. ArmSim allows relatively quick and easy geometric definitions of robotic arms, and also provides a 3D representation of the arm. The 3D representation enables the user to program complex movements, and allow movement programming without the need for a physical arm to be present or built. ArmSim also includes a sequencer module - this allows the user to quickly prototype complex movement sequences.

2 Topology Overview

