

Calibrating the PR2

ROS + PR2 Training Workshop

Why is calibration important?

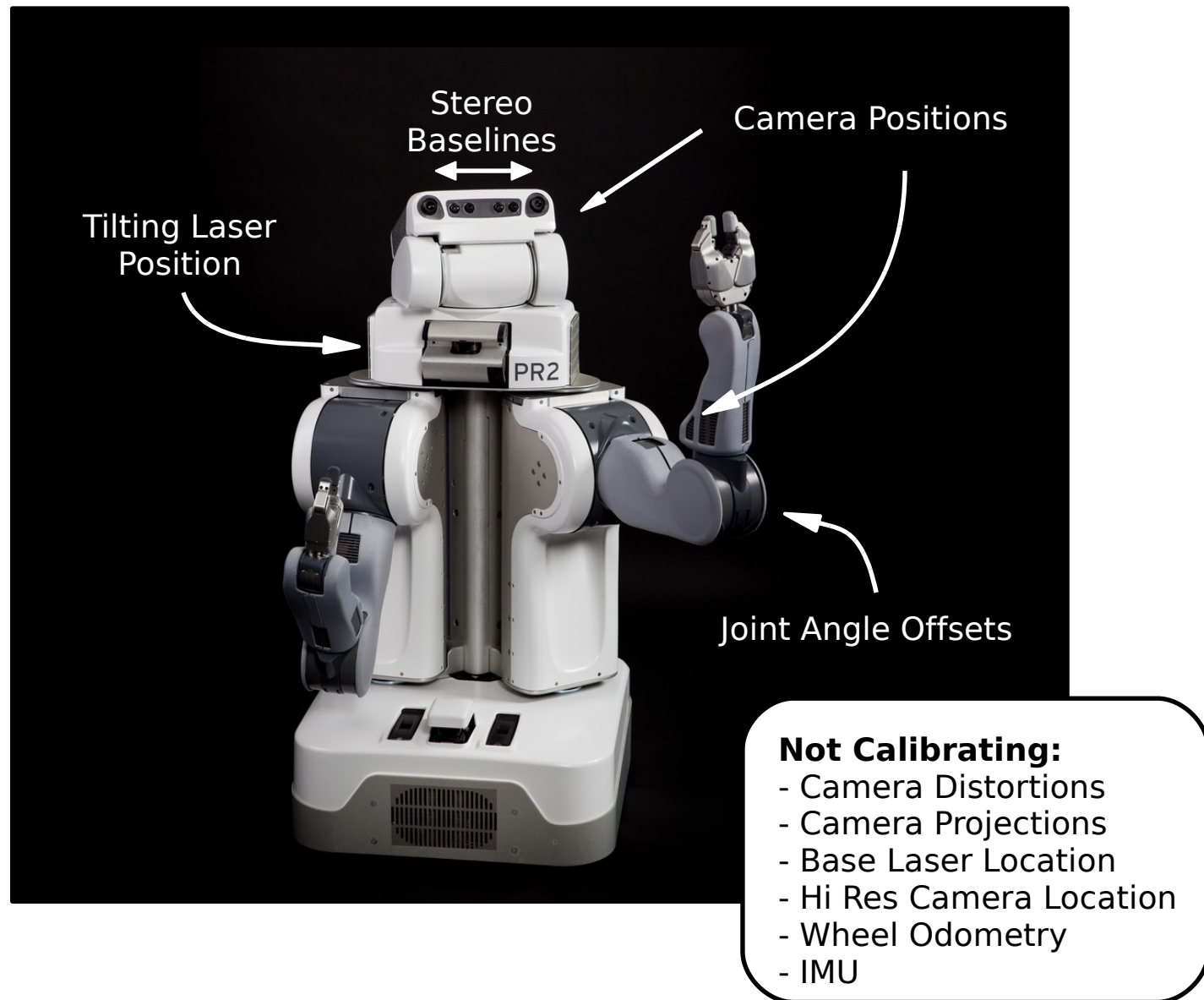
Sensor Fusion



Manipulation



What are we calibrating?



Where is it stored?

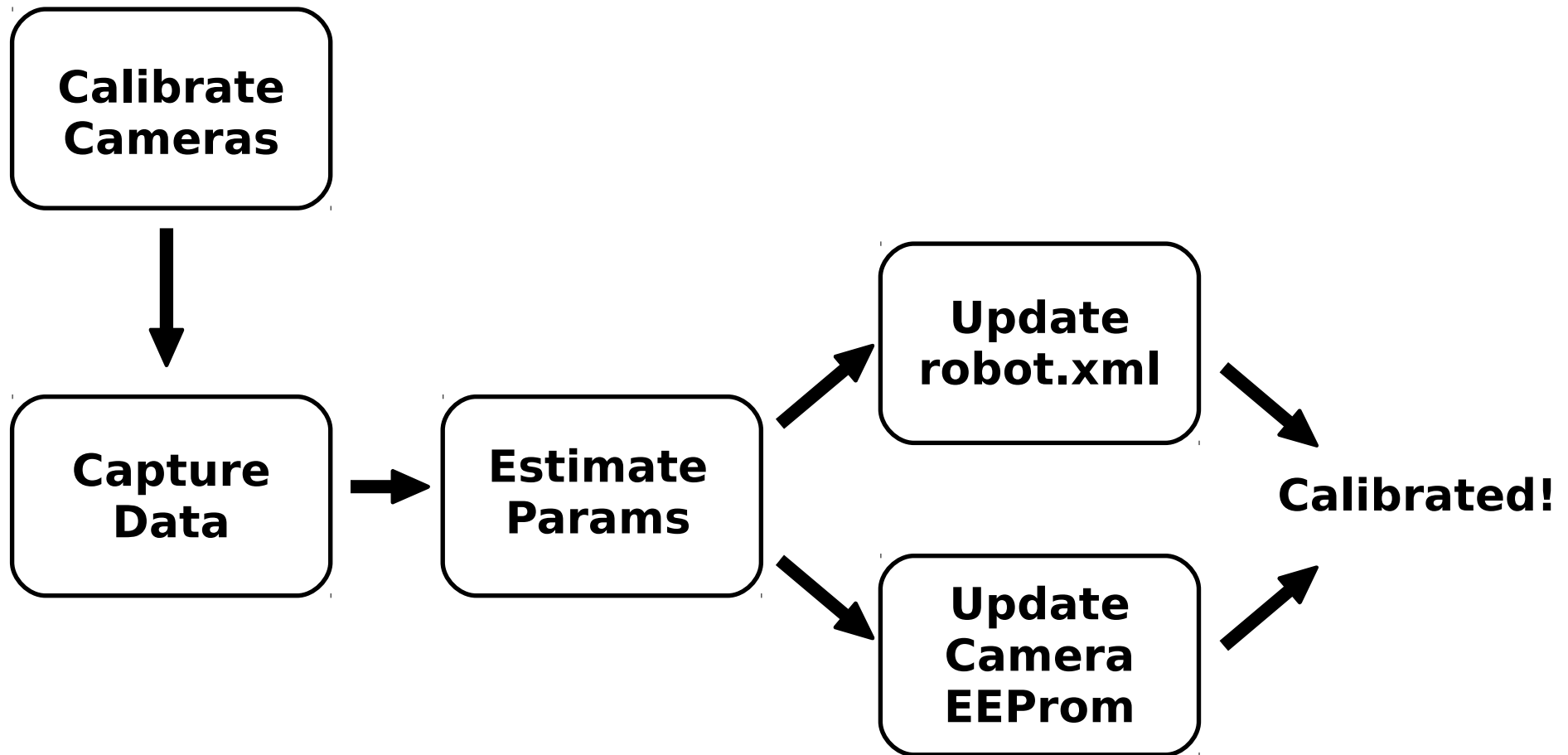
/etc/ros/urdf/robot.xml

Kinematic Data
Sensor Positions
Lots of other robot info

Camera EEPROM

Distortion Parameters
Projection Matrices
Stereo Baselines

Calibration Workflow



Under the Hood:

Data Flow

