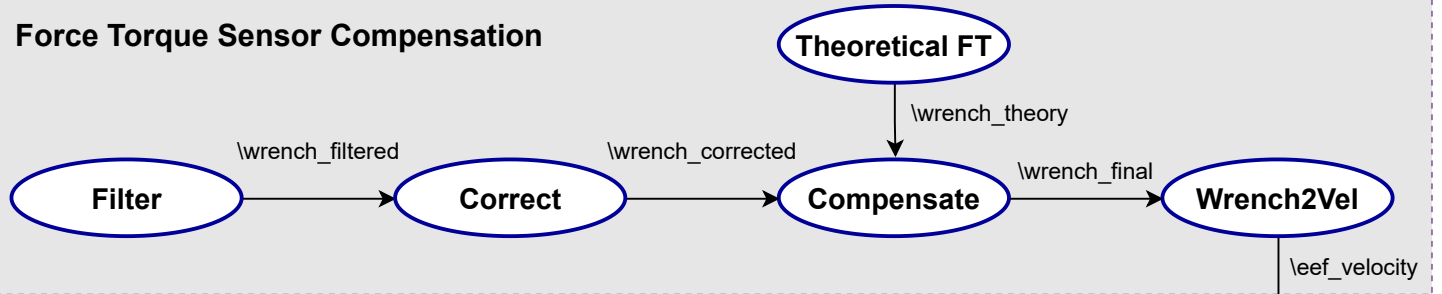


### Force Torque Sensor Compensation



UR ROS Driver

\wrench

Tap Action

\tap\_action

UR10e SM

Jacobian

\leef\_velocity

\joint\_speeds

JS Controller

\*

ROS Node

\ros\_topic

Planner

\trajectory

Attraction

\attraction

PF2Vel

\repulsion

Astra ROS Driver

\camera\_depth\_points

Obstacles

\obstacles

Repulsion

### Dynamic Obstacle Avoidance