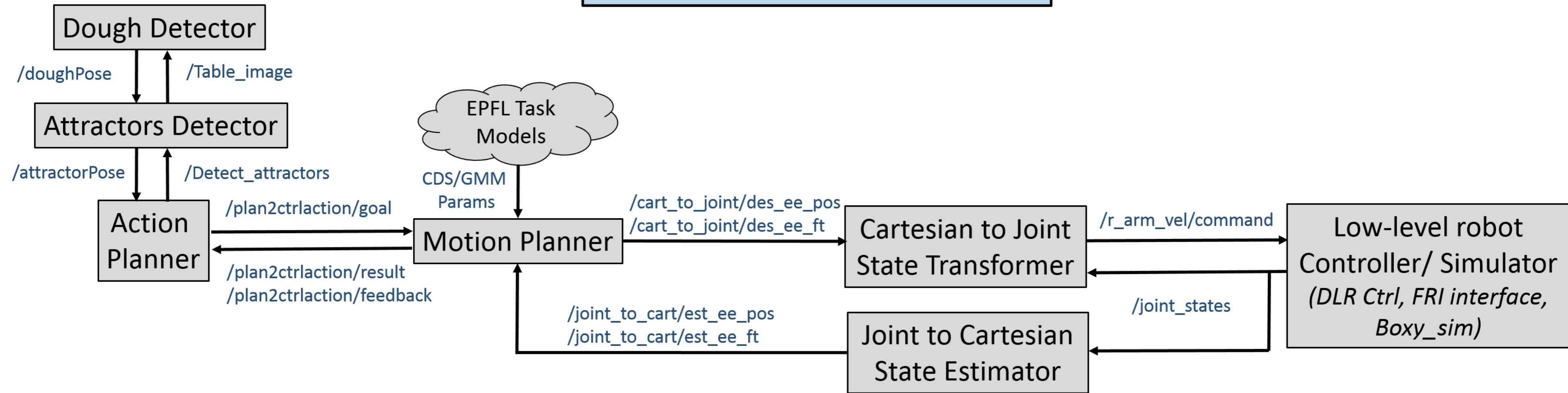


EPFL Dough Rolling ROS Architecture



Code Name/Location for each module

Dough Detector: `lasa_perception_module/scripts/doughdetectoronLWRService.py`

Attractors Detector: `lasa_perception_module/src/tabledetectoronLWRService.cpp`

Action Planner: `lasa_action_planners/scripts/rolling_demo.py`

Motion Planner: `rtkhdyro/packages/addons/motion_planner/motion_planner.cpp`

Cartesian to Joint Transformer: `rtkhdyro/packages/addons/state_transformers/cart_to_joint_*.cpp`

Joint to Cartesian Transformer: `rtkhdyro/packages/addons/state_transformers/joint_to_cart_*.cpp`

Boxy Simulator: `iai_boxy_bringup/launch/boxy_sim.launch`

EPFL Task Models: repo with learned motion models for specific tasks (i.e. rolling, flipping, grating)