Cowbot Documentation: StateSetting.py

1 rot_to_Rotator(rot)

Takes a rot object (CowBot) and returns a Rotator object (framework).

2 setstate(game_info, ball_state, current_state, teammates_state, opponents_state, boosts_state, game_info_state)

This will set the game state as specified. Most of the code is translating between different state objects. <code>game_info</code> (GameState (CowBot)) is passed solely for the indices of each car, because I have no way of knowing that a priori. Seeing as it's unlikely I'll want to mess with boost pads anytime soon, I'm skipping that for now. I believe they're also broken since RLBot 1.15.0.

ball_state (BallState (CowBot)) and current_state (CarState (CowBot)) are the states of the ball and our car, respectively. teammates_state and opponents_state (lists of CarState (CowBot)) hold the states of our teammates' and opponents' cars, respectively. boosts_state and game_info_state are currently skipped and should always be None.

3 state_to_physics(state)

Takes a partial CarState or BallState and returns the corresponding Physics object (framework).