view\_frames Result Recorded at time: 1445357110.184 base\_link Broadcaster: /robot state publisher Average rate: 50.198 Hz Most recent transform: 1445357110.664 ( -0.480 sec old) Buffer length: 4.960 sec top\_plate Broadcaster: /robot state publisher Broadcaster: /robot\_state\_publisher Broadcaster: /robot state publisher Broadcaster: /robot\_state\_publisher Average rate: 50.198 Hz Average rate: 50.198 Hz Average rate: 50.198 Hz Average rate: 50.198 Hz Most recent transform: 1445357110.664 (-0.480 sec old) Most recent transform: 1445357110.664 ( -0.480 sec old) Most recent transform: 1445357110.664 (-0.480 sec old) Most recent transform: 1445357110.664 (-0.480 sec old) Buffer length: 4.960 sec Buffer length: 4.960 sec Buffer length: 4.960 sec Buffer length: 4.960 sec  $arm_0$ arm\_2 arm\_3 Broadcaster: /robot state publisher Broadcaster: /robot\_state\_publisher Average rate: 50.198 Hz Most recent transform: 1445357110.664 (-0.480 sec old) Most recent transform: 1445357110.664 (-0.480 sec old) Most recent transform: 1445357110.664 ( -0.480 sec old) Most recent transform: 1445357110.664 (-0.480 sec old) Most recent transform: 1445357110.664 (-0.480 sec old) Most recent transform: 1445357110.664 ( -0.480 sec old) Most recent transform: 1445357110.664 ( -0.480 sec old) Most recent transform: 1445357110.664 ( -0.480 sec old) Buffer length: 4.960 sec shoulder\_10 shoulder\_11 shoulder\_20 shoulder\_21 shoulder\_30 shoulder\_31 shoulder\_00 shoulder\_01 Broadcaster: /robot state publisher Average rate: 50.198 Hz Most recent transform: 1445357110.664 ( -0.480 sec old) Most recent transform: 1445357110.664 (-0.480 sec old) Most recent transform: 1445357110.664 ( -0.480 sec old) Most recent transform: 1445357110.664 ( -0.480 sec old) Buffer length: 4.960 sec elbow\_20 elbow\_21 elbow\_30 elbow\_31 elbow\_00 elbow\_01 elbow\_10 elbow\_11 Broadcaster: /robot state publisher Broadcaster: /robot\_state\_publisher Broadcaster: /robot\_state\_publisher Broadcaster: /robot state publisher Average rate: 50.198 Hz Most recent transform: 1445357110.664 (-0.480 sec old) Most recent transform: 1445357110.664 ( -0.480 sec old) Most recent transform: 1445357110.664 ( -0.480 sec old) Most recent transform: 1445357110.664 ( -0.480 sec old) Most recent transform: 1445357110.664 (-0.480 sec old) Most recent transform: 1445357110.664 ( -0.480 sec old) Most recent transform: 1445357110.664 ( -0.480 sec old) Most recent transform: 1445357110.664 (-0.480 sec old) Buffer length: 4.960 sec wrist\_00 wrist\_20 wrist\_21 wrist\_31 wrist\_01 wrist\_10 wrist\_11 wrist\_30 Broadcaster: /robot\_state\_publisher Average rate: 50.198 Hz Most recent transform: 1445357110.664 ( -0.480 sec old) Buffer length: 4.960 sec engine\_21 engine\_00 engine\_01 engine\_11 engine\_20 engine\_30