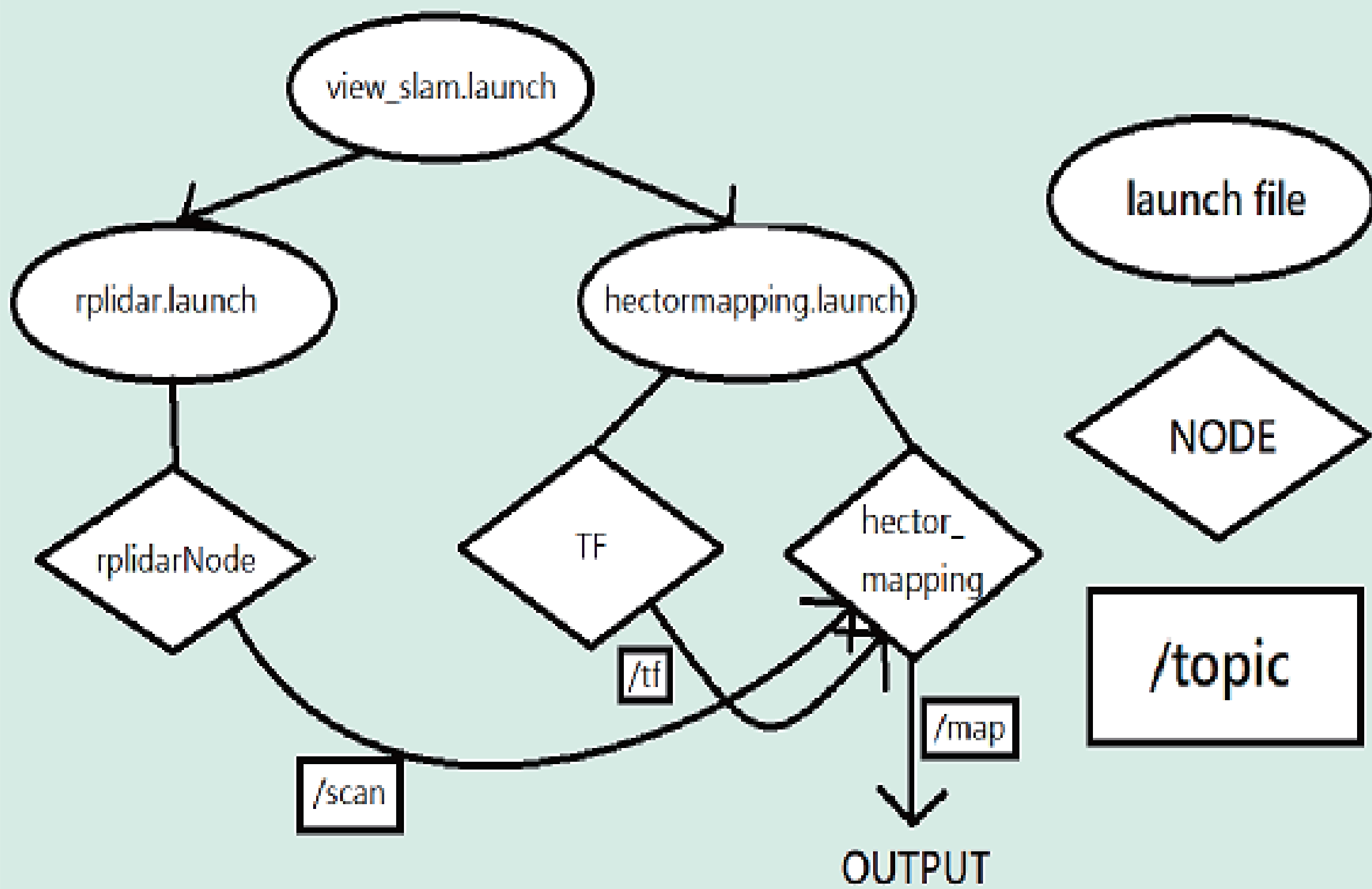
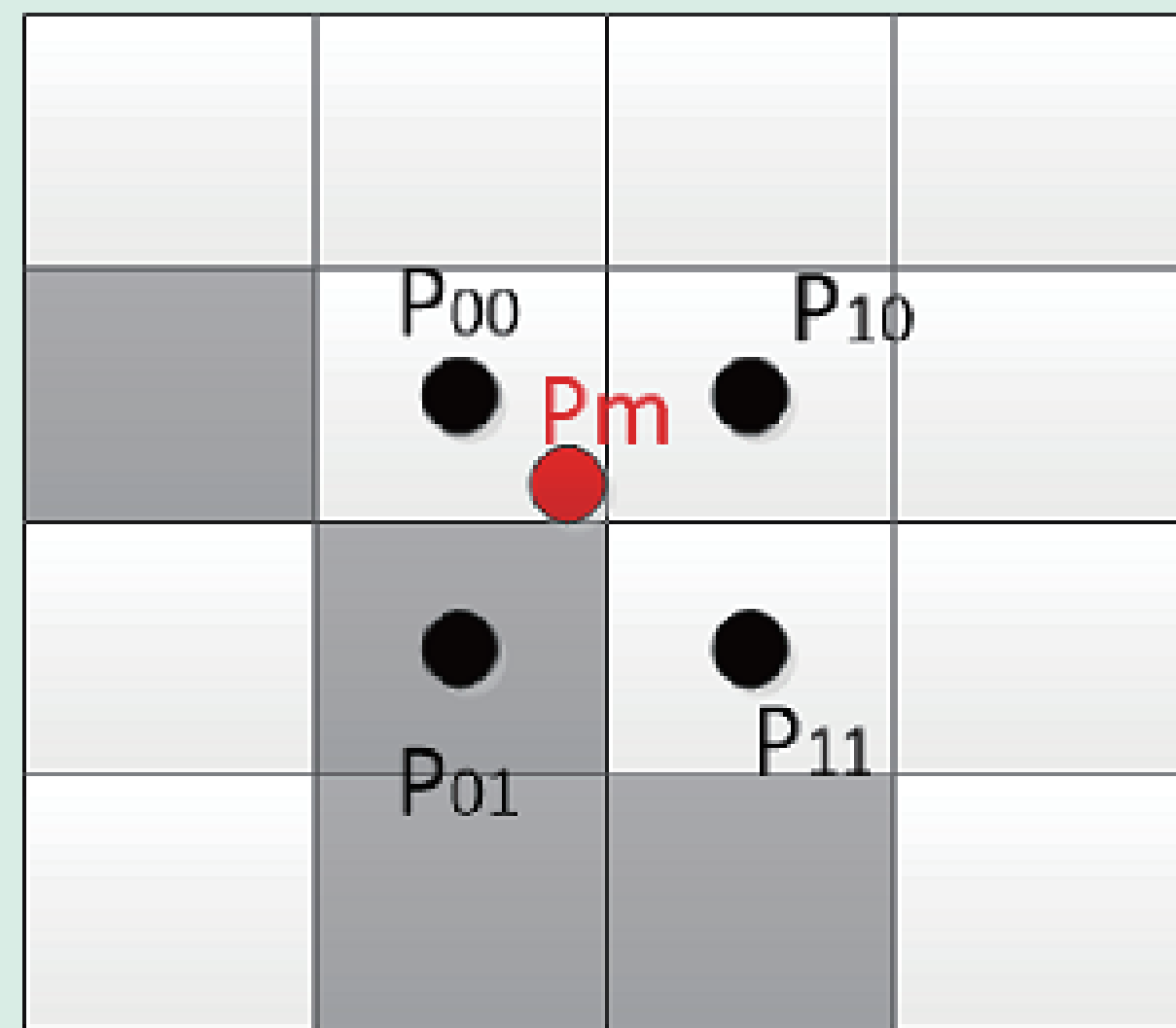
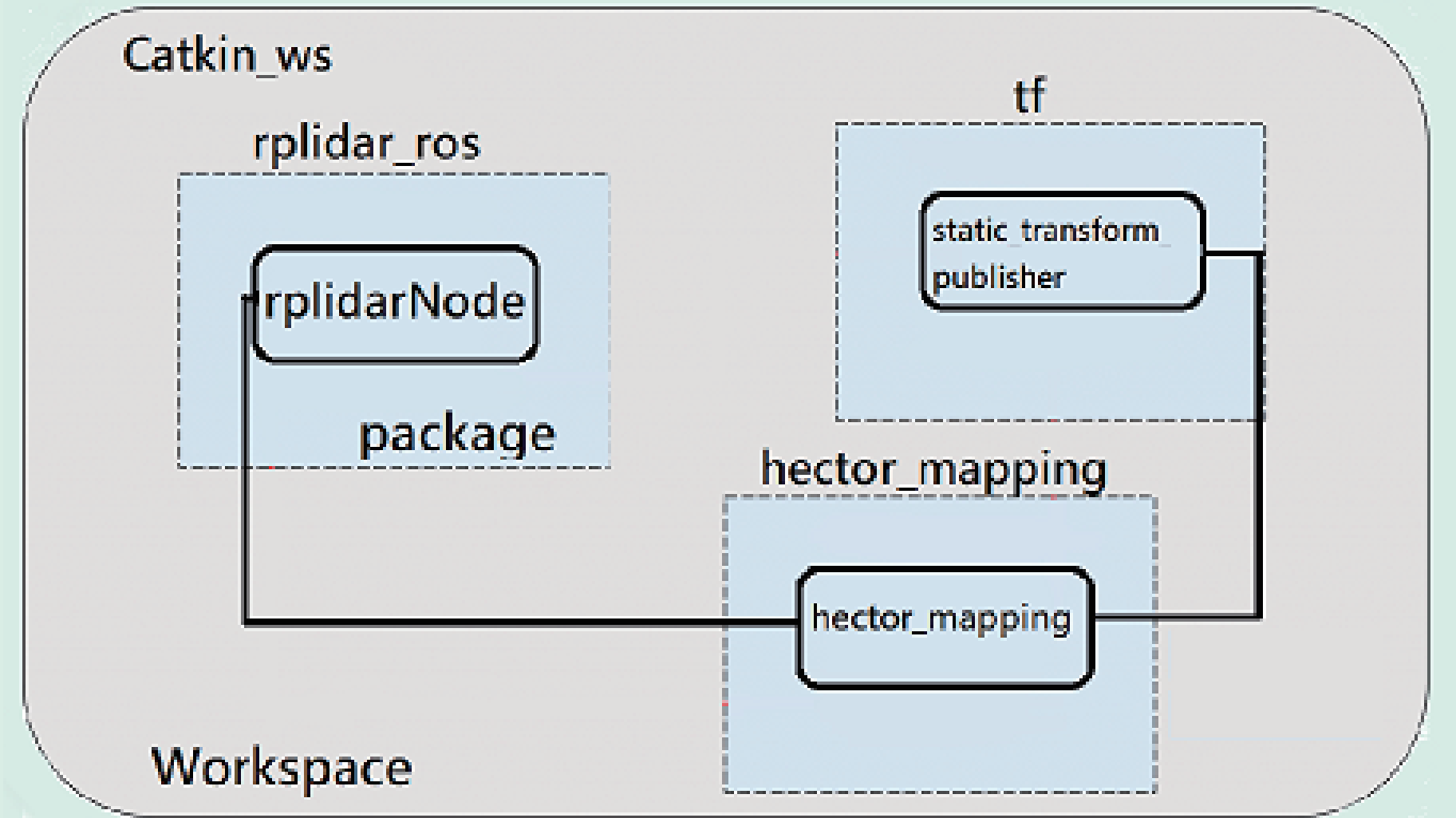
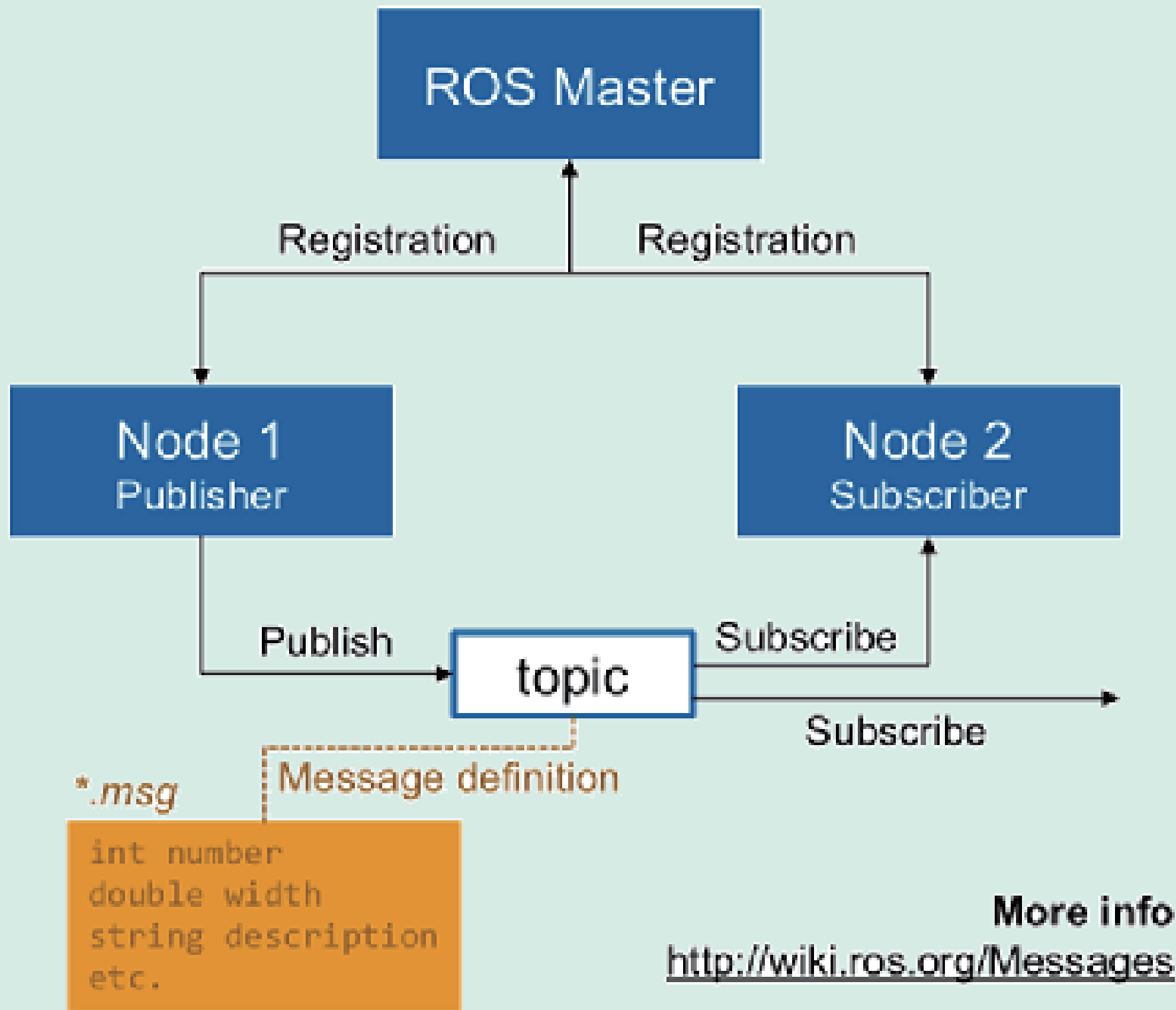


在三輪全向輪實現HECTOR SLAM

組員:黃種良

ROS的全名是Robot Operating System，ROS並不是一般的作業系統，比較像是在負責為機器人的各個元件進行溝通與操作的一個框架，以下由我實作的程式為例



$$M(P_m) \approx \frac{y - y_0}{y_1 - y_0} \left(\frac{x - x_0}{x_1 - x_0} M(P_{11}) + \frac{x_1 - x}{x_1 - x_0} M(P_{01}) \right) + \frac{y_1 - y}{y_1 - y_0} \left(\frac{x - x_0}{x_1 - x_0} M(P_{10}) + \frac{x_1 - x}{x_1 - x_0} M(P_{00}) \right)$$

