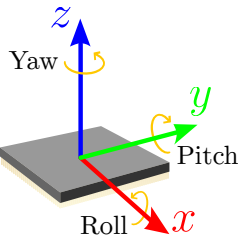


Sensor  
data



Front-end

feature extraction

data association:

- short-term (feature tracking)
- long-term (loop closure)

Back-end

MAP  
estimation

SLAM  
estimate

