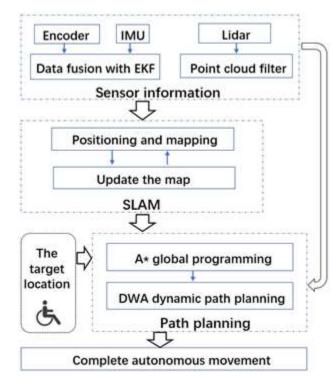
Research on Autonomous Movement of Nursing Wheelchair Based on Multi-sensor Fusion

Yingbing Su, Huarui Zhu, Zhou Zhou, Bingshan Hu, Hongliu Yu School of Medical Instrument and Food Engineering, University of Shanghai for Science and Technology, China

- According to the mobile needs of semidisabled patients, an intelligent nursing wheelchair was designed.
- Fusion of multiple sensor information to improve positioning accuracy.
- Realize the autonomous movement of wheelchair and improve its intelligence and interactivity.



Wheelchair software framework