## Welcome

## **Project Willy**

- History of Willy
- Project Willy
- Publicity
- Sponsors

# **Getting started**

- Introduction to ROS
- Development Guide
- Driving Willy
- Manual
- Wiki Manual

# **Build of Willy**

- Design history
- Hardware

#### **Architecture**

- Software Architecture
- ROS topic design

# Raspberry Pi's

- Sensor node
- Social Interaction node
- Power node

# **Components**

- ROS master
- New ROS master on Lubuntu
- Sonar
- Lidar
- Kinect
- Localization and navigation
- Motor controller
- Joystick

## **Lessons learned**

- Todo & Advice
- Lessons Learned

## **Archive**

- Previous Groups
- Research Archive
- Skylab Architecture
- Skylab
- Multi master
- WillyWRT
- Realisation
- Hardware
- Brain
- Design Guild
- Social interaction
- Speech
- Speech recognition
- IMU
- Human Detection
- Radeffect App