



## Automotive Grade Linux

Walt Miner and Jan-Simon Moeller

### What is demonstrated

Automotive Grade Linux Unified Code Base (UCB)

- Version 4.0 (Daring Dab)

Demo Apps running on multiple hardware platforms.

- Home Screen
- Media Player
- AM/FM Tuner
- Audio Mixer
- Settings
- Vehicle Controls
- Telephony via BT



### Hardware Information

Renesas R-Car M3 ULCB  
Intel Minnowboard Turbot

TI Jacinto 6 Vayu  
Raspberry Pi 2/3

### What was improved

- UCB updated to use Yocto Project version 2.2 (Morty)
- Improved application framework including Service Binders for Bluetooth, Tuner, CAN signaling
- New SDK for rapid application development
- Wide range of hardware board support including Renesas, Qualcomm Technologies, Intel, Texas Instruments, NXP and Raspberry Pi

### Source code or detail technical information availability

<https://wiki.automotivelinux.org/agl-distro/release-notes>