



Automotive Grade Linux

Walt Miner

What is demonstrated

Automotive Grade Linux Unified Code Base (UCB)

- Version 5.0 (Electric Eel)

Demo Apps running on multiple hardware platforms.

- Home Screen
- Media Player
- AM/FM Tuner
- Audio Mixer
- Settings
- HVAC
- Vehicle Controls



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 2.3 (pyro)
- Home Screen and Window Manager modularity
- App Repository available at <https://download.automotivelinux.org/AGL/apps/eel/>
- Application Framework Binder APIs for navigation, Bluetooth, audio, tuner, and vehicle signaling
- Vehicle Signal Composer
- Advanced AGL Audio Agent (4A) with multiple HALs available
- SDK with XDS support
- More BSPs from Renesas and Intel

Source code or detail technical information availability

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