Vehicle API Use Case analysis – a proposal
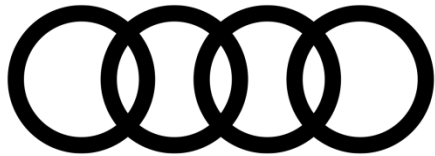
2017-01-23, Audi public in the scope of W3C discussions

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Interesting Use Case for a Vehicle API 1/3

- **Vehicle information and configuration**
  - Retrieve high frequency information from the vehicle like:
    - Wheel speed
    - Engine speed
    - Battery voltage
  - Configure vehicle systems
    - Switch on and off air condition
    - Set temperatures
    - Set ventilation mode
    - Set seat position
  - Retrieve information about available components in the car
    - Check if ACC is available
    - Check if rearview camera is available and not block by any condition (e.g. trailer hitched)

Interesting Use Case for a Vehicle API 2/3

- **Notifications**
  - Send notifications from a webapp or external device
    - Interactive (register callbacks)
    - Information only
  - Register for notifications
    - Display and react on notifications
- **Media**
  - Browse media (huge lists)
  - Manage the player queue
  - Control the media player

Interesting Use Case for a Vehicle API 3/3

- **Location based services**
  - Accessing vehicle location
  - Adding a POI to the map
  - Sending a destination
  - Track route progress
- **Media Tuner**
  - Browse station list(s)
  - Tune into station
  - Scan a band
  - *Programm guide*?