



**Automotive Grade Linux  
Advisory Board Meeting  
Oct 16, 2018  
Dresden, Germany**

# Proposal: New “*Requirements Specification EG*”

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- [Proposal]
  - Create a new *Requirements Specification EG (RS-EG)*
- [Background]
  - The AGL Requirements Specification was released in March 2015. The document defines the core software platform part from which applications can be built on.
  - The document has been successfully used as a blueprint to accomplish the goals of AGL, such as guiding the overall direction of developing software and deriving work packages. The implementations still continue evolving.
  - On the other hand, since the document was released in 2015, the gap between the document and the code implemented in AGL UCB is gradually increasing.
  - Therefore, it is necessary to maintain the document along with the actual implementation and even to evolve it with market trends especially from car OEMs.

# Detail of the Proposal (1/2)

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- EG Name:
  - “Requirements Specification Expert Group” (RS-EG)
- Charter(proposal):
  - The Expert Group is responsible for defining and maintaining requirements specifications targeted for implementation in the AGL UCB.
  - The contents of the requirements specifications should include:
    1. Guidelines for deciding design policy for developers
    2. Priorities and criteria of developing AGL UCB which OEMs can judge whether their in-vehicle software meet the specifications or not

# Detail of the Proposal (2/2)

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- Expected Members:
  - It is expected that the team consists of AGL OEM members at least.
- Milestones:
  1. Update the current specifications catch-up with the current AGL UCB implementation.
  2. Enhance the document as a draft by OEM members for a initial discussion.
  3. The new version of the specification shall be released by AGL AMM 2019 Spring (February 2019).
  4. Afterwards, the specification shall be revised annually.
- Meetings:
  - The EG has a regular conference call. Its schedule and dial-in information shall be provided in advance, and its meeting minutes shall be noted, circulated and posted to the AGL Wiki.

# Supplemental

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- For efficient boost up of the activity, Toyota and possibly other OEMs are willing to create the initial draft version of the revised specifications, and then to get more inputs from other members.
- The AB will definitely need to review the draft document when it is ready, and will decide how to proceed, as AB approval is required before releasing the document an official published document of AGL.
- For efficient document development, the EG would like to employ a document writer. The rough estimate of the cost would be \$60K for 3 months.

# Motion

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- **Motion:**
  - The AGL AB approves the creation of a new “Requirements Specification Expert Group”
  - The AGL AB approves a budget item of \$60k to support the activities of this Expert Group
  - Motion by:
  - Second by: