Outlining an Open Software-Defined Vehicle Framework

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CTO
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- Holistic approach for the software-defined vehicle
- Model based development environment incorporating formal verification to every engineer
- Model checking proves the correctness of the software
- Exhaustive verification of safety properties across the system
- Correct by construction at the push of a button
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- Based on components as units of construction and interfaces as verifiable contracts
- Fostering incremental and continuous development
- Orchestrate existing technologies and functions together with new technologies and advanced functions
- Using an open language, an open toolchain, and an open-source implementation
Conclusion

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- Off-the-shelf solution
- To produce the software defined vehicle
- And formally verify functional safety
More information:  
https://www.verum.com/DiscoverDezyne

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Thank you