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Eclipse Kuksa Platform for car to car to cloud integration released

The *APPSTACLE* project is pleased to announce the first release of the Eclipse Kuksa platform for interconnecting vehicles to the cloud via in-car and internet connections. Eclipse Kuksa unifies technologies across the vehicle, IoT, cloud, and security domains in order to provide an open source ecosystem to developers addressing challenges of the electrified and connected vehicle era. The platform is supported by an integrated development environment as well as an app store where device owners can select and install applications.

"The first Eclipse Kuksa 0.1.0 release contains various software across the domains in-vehicle, cloud, apps, and IDE and focuses primarily on providing fundamental functionalities to set up a cloud environment as well as target devices that interact with this environment," says Robert Hoettger the co-lead of the Eclipse Kuksa project.

Eclipse Kuksa is an open source project available for download from the Eclipse Foundation (https://eclipse.org/kuksa). The project is a result of European funding provided under the ITEA3 programme. According to Matti Frisk, the European project coordinator, "by choosing open source, the *APPSTACLE* project has laid the groundwork for adapting automotive products to the interconnected future."

About *APPSTACLE*
Today automotive software-intensive systems are developed in silos by each car manufacturer or original equipment manufacturer (OEM) in-house. This approach cannot meet the long-term challenges of the industry. One solution is to establish a standard car-to-cloud connection, open for external applications and the use of open source software wherever possible without compromising safety and security. With Eclipse Kuksa, the APPSTACLE project provides an open and secure cloud platform that interconnects a wide range of vehicles to the cloud via open in-car and Internet connection and is supported by an integrated open source software development ecosystem. Find out more on https://itea3.org/project/appstacle.html

Contacts

Matti Frisk, Appstacle European Project Coordinator
Email: matti.frisk@ericsson.com
Telephone: +358 40 847 0393

Johannes Kristen, Eclipse Kuksa Project co-lead
Email: johannes.kristan@bosch-si.com
Telephone: +49 30 726112-432