



GDP-ivi9

What's new in the Open Source Demo Platform for automotive?

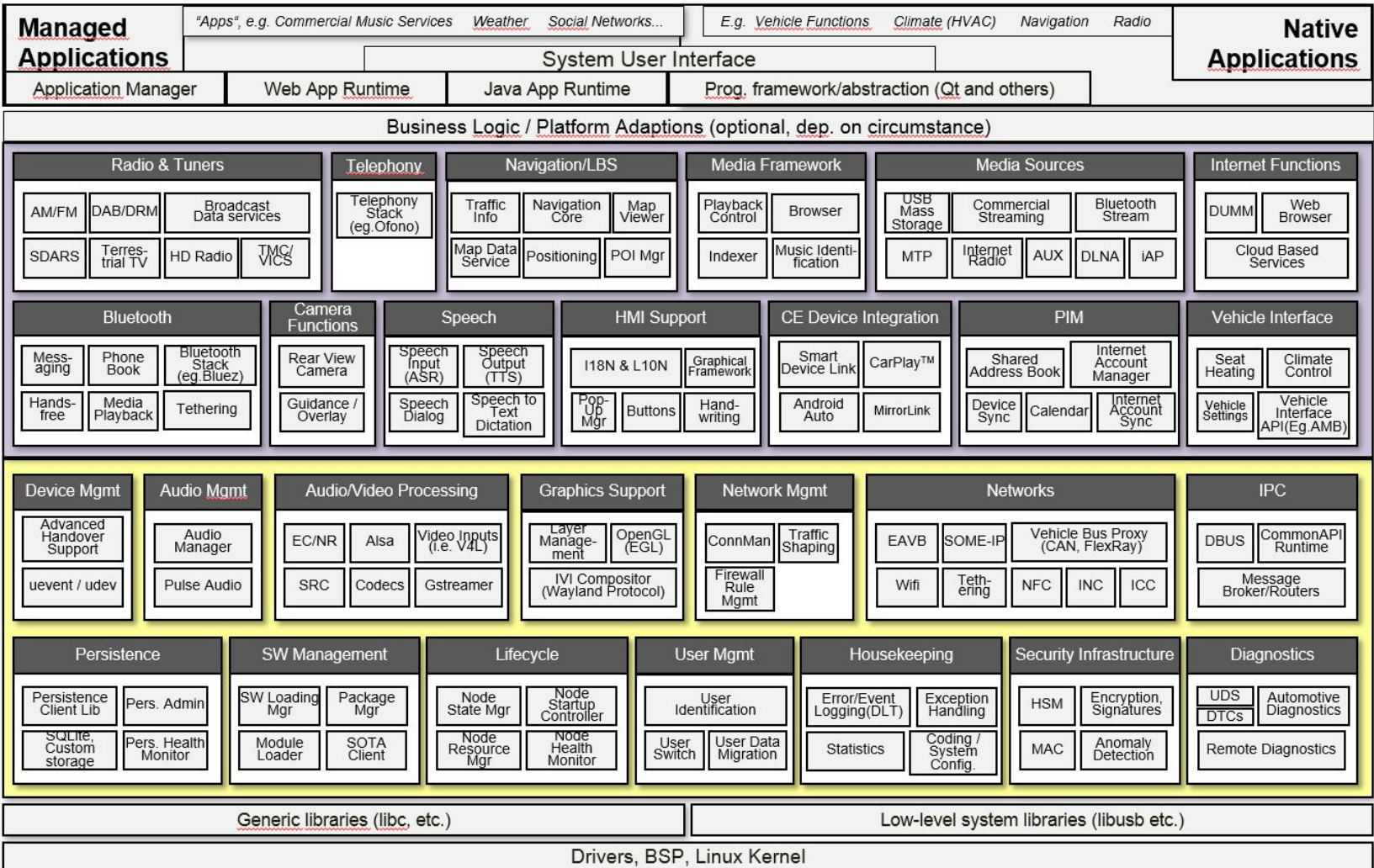
ELC'16
Embedded Linux Conference
April 4th

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The speaker

- Consultant at [Codethink Ltd](#)
- (Home) Based in Málaga, Spain
- Experienced managing projects in the open.
- GDP Lead at GENIVI Alliance.
- More about myself at <http://www.toscalix.com>





Who is the GENIVI Alliance

The GENIVI Community is currently represented by 140 member companies...

... committed to driving the broad adoption of specified, Open Source, In-Vehicle Infotainment software.



What does GENIVI Alliance do?

- Deliver Open Source IVI middleware which scope is non-differentiating elements.
 - a. Individual software components and standard interfaces/APIs
 - b. A flexible technical architecture
 - c. Pre-integrated, reusable IVI software platform.
- Best practices and tools to ensure deployments when using GENIVI's IVI middleware.

GENIVI Demo Platform:

- Open Source project. Done “in the open”.
- Integration + delivery project.
- Compliant with [meta-ivi](#) (Baseline).
- YOCTO and Baserock based.
- Targets QEMU and several boards.

Why GDP? (i)

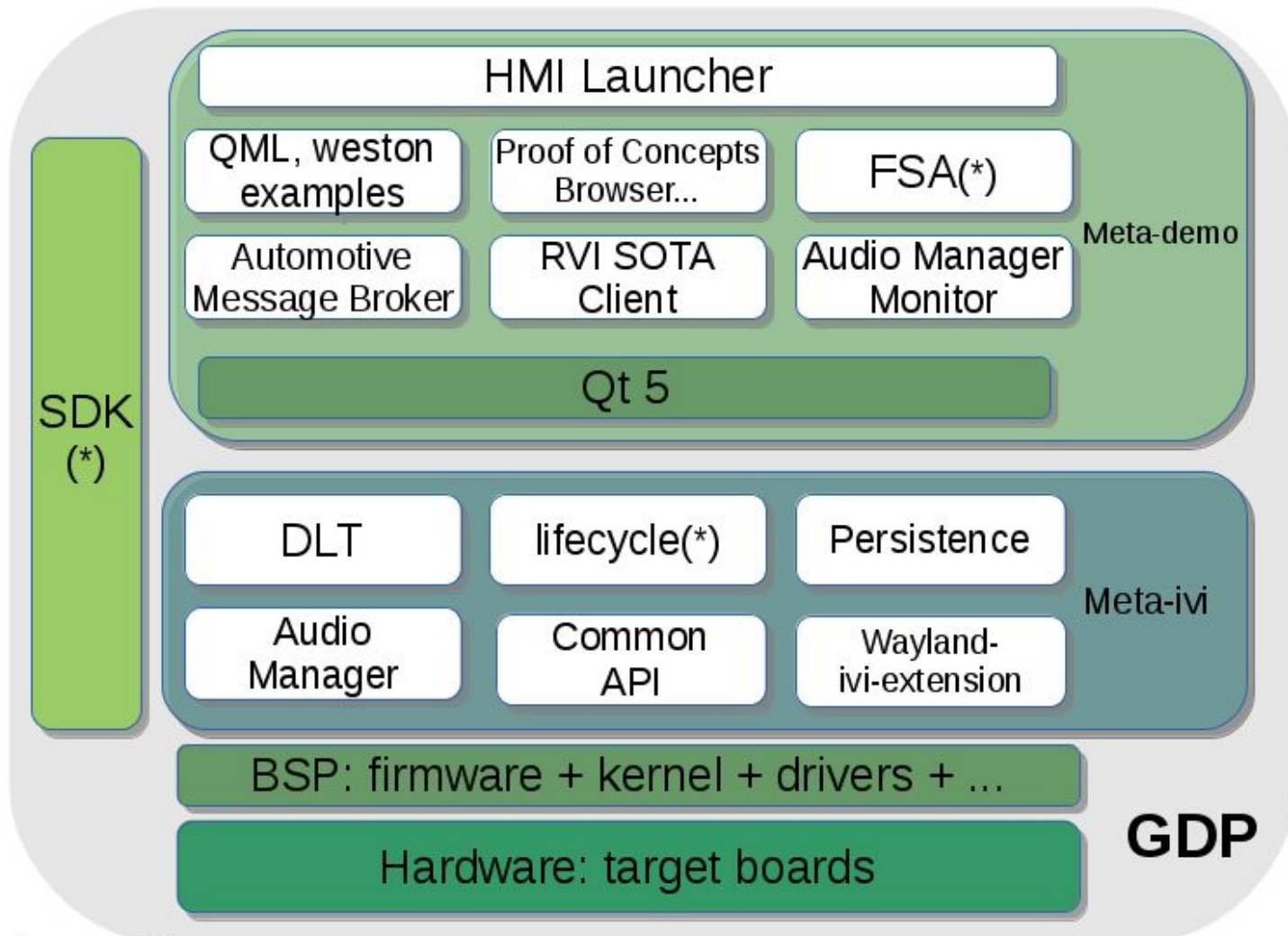
- Test middleware (components) developed by GENIVI.
- Rapid Prototyping to demonstrate integration with GENIVI components and specifications.
- Develop Open Source UI and apps for automotive.

Why GDP? (ii)

- Introduce yourself to Open Source for automotive.
- Promote your Open Source solutions or hardware within this industry.
- Become part of a disruptive change.

What is GDP-ivi9

- Latest GDP version, to be released in April.
 - RC1 available for QEMU.
- Targets:
 - Current: QEMU, RPi2 and Renesas Porter
 - Coming: Minnowboard Max, Renesas Silk and RPi3.
- Base for demos across different events and tradeshow.
- GENIVI baseline 9.0.1 + weston / wayland 1.9



(*) Not available yet in GDP

- GDP-ivi10: from demo to platform for innovation (development platform).
- Expectations:
 - More components integrated: lifecycle, RVI, FSA...
 - Updates of the existing ones + baseline.
 - Porting to further boards.
 - Qt based UI. Plasma 5?
- Towards quantitatively managed delivery practices.

Get GDP-ivi9

- [Download](#) GDP
- Cool but... show me [the code](#).
- [GDP wiki](#).
- Channels:
 - IRC: #automotive at freenode.net
 - Mailing list: <https://lists.genivi.org/mailman/listinfo/genivi-projects>
 - [Weekly project meeting](#).

Interesting links

- www.genivi.org

- GENIVI [FAQ](#)
- projects.genivi.org

- [GENIVI Demo Platform](#)

- [GDP Roadmap](#)
- [GDP-ivi9](#)
- [Download GDP-ivi9](#)

- [Get involved:](#)

- Get [the sources](#)
- Contribution [policies](#)
- Report [bugs](#)

- Follow up

- Delivery [reports](#)
- Weekly [status](#)
- GDP [Out There](#)



Thank you

Questions?

Thanks to ELC content committee for this opportunity