



GDP - Introduction and Status/Roadmap

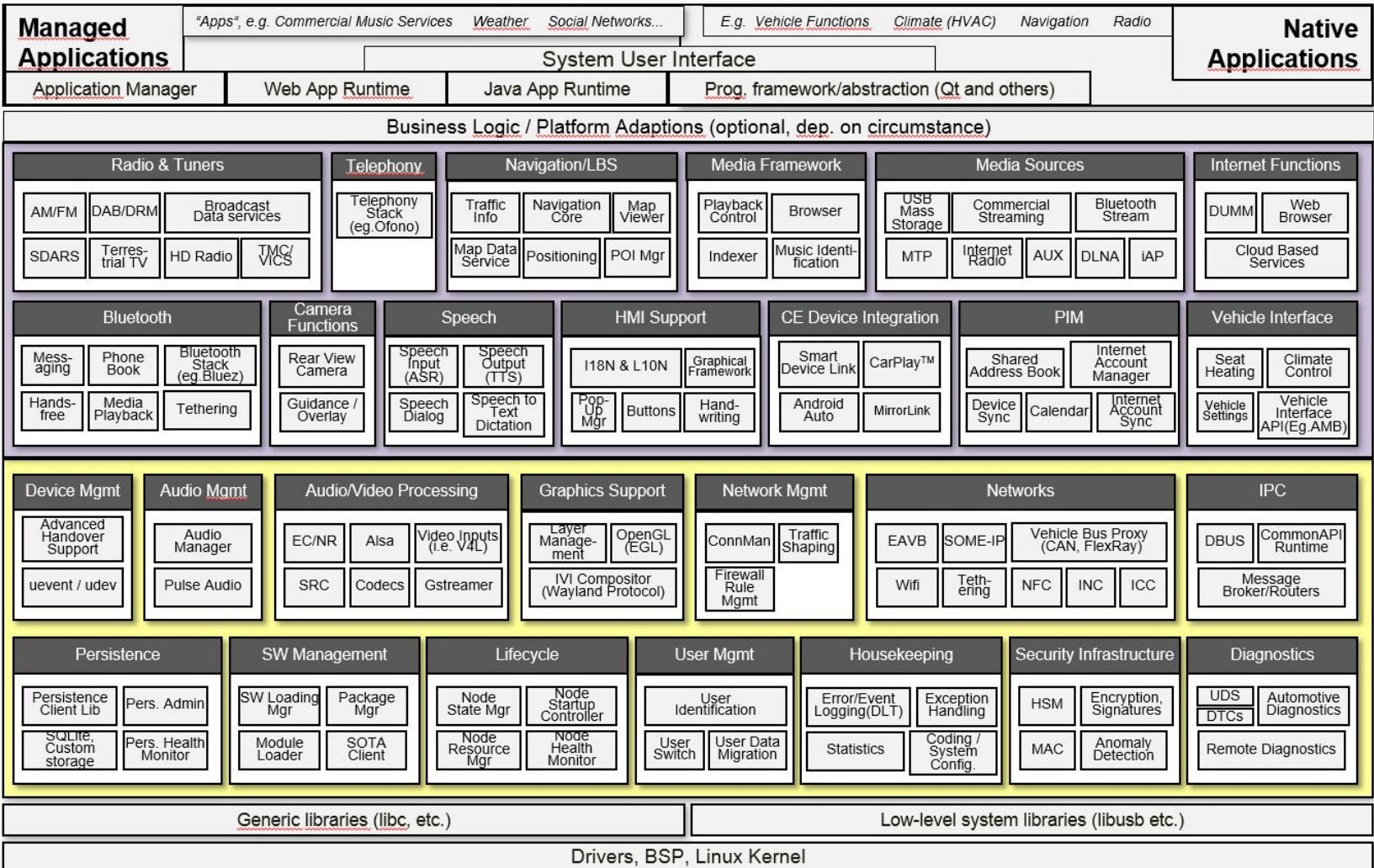
14th AMM
April 27th

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GDP delivery team
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GDP delivery team

- Contributors: the most important ones. Thank you.
- Maintainers
 - Changhyeok Bae, community member
 - Jonathan Maw, Codethink Ltd.
 - Tom Pollard, Codethink Ltd.
- Other key people
 - Stephen Lawrence: Renesas BSP maintainer. Renesas.
 - Agustín Benito Bethencourt: management. Codethink Ltd.



GENIVI Demo Platform:

- Open Source project. Done “in the open”.
- Integration + delivery project.
- Includes [meta-ivi](#) (Baseline).
- YOCTO and Baserock (future) 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, [released](#) on April 19th.
- [Targets](#): QEMU, Renesas Porter and RPi2, so far.
- Base for demos across different events and tradeshowes.
 - Used in every 14th AMM Hands On sessions.
- Check [the feature](#) page for highlights.



GDP roadmap

Roadmap v1.2 approved on Jan 20th 2016. Last update on
March 2nd 2016

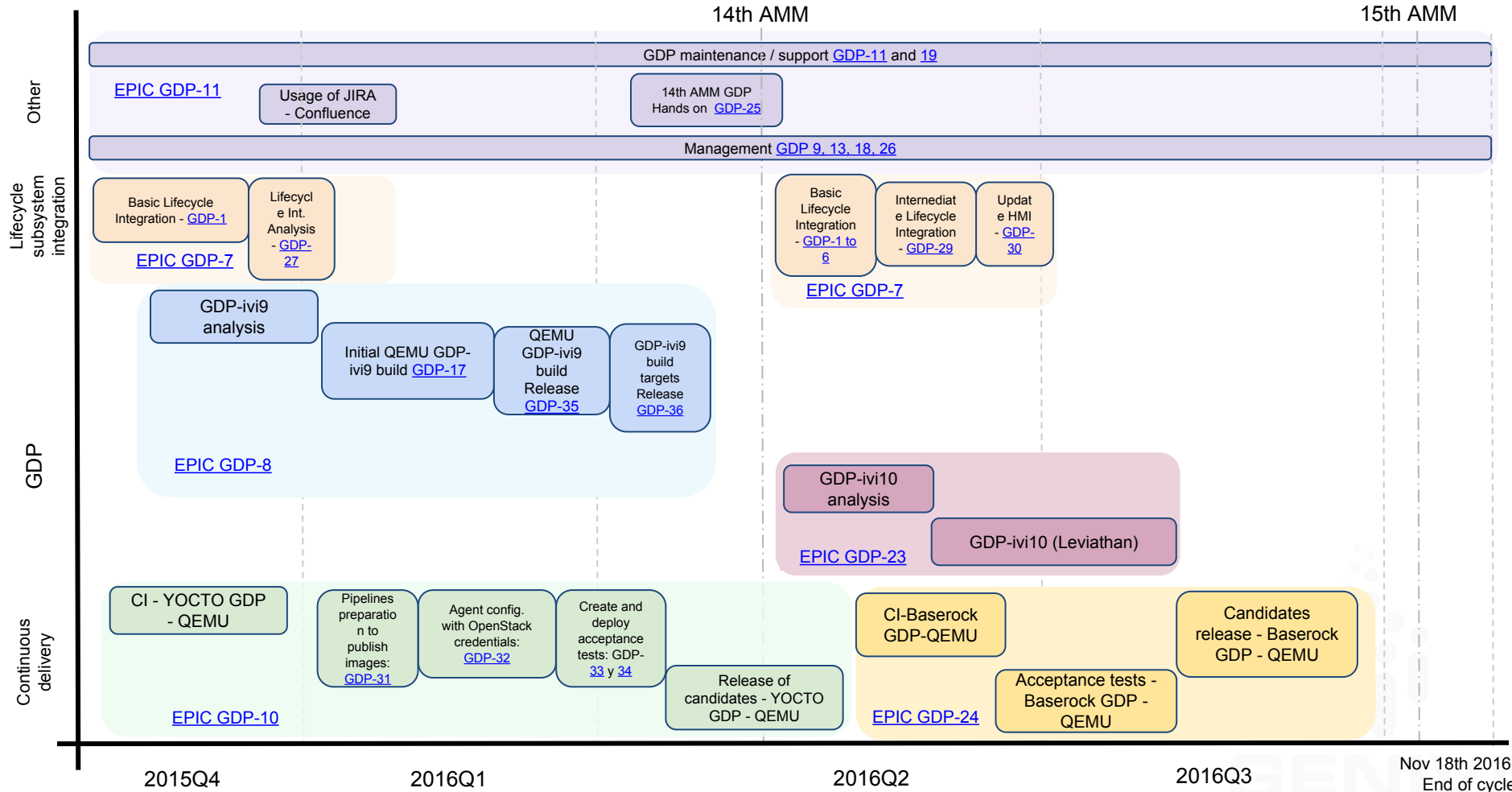
Goals

- 1.- YOCTO GDP synchronization with Baseline.
 - 9.0 (Kronos) - Epic [GDP-8](#)
 - 10.0 (Leviathan) - Epic [GDP-23](#).
 - CI system for YOCTO GDP - Epic [GDP-10](#)
 - Targets GDP-ivi9: QEMU, Renesas Porter (for 14th AMM), Renesas Silk, RPi2 and Intel Minnowboard Max.
- 2.- Maintenance, Code Governance, and Community Support - Epic [GDP-11](#)
 - 14th AMM Hands on - Task [GDP-25](#)
 - GDP Project Management, Planning and Roadmap Definition Support - Epic [GDP-11](#)
labels *gdp + roadmap*
- 3.- Lifecycle subsystem integration analysis - Task [GDP-27](#)
- Other requests:
 - 4.- Lifecycle development towards integration into GDP - Epic [GDP-7](#)
 - 5.- FSA integration into GDP. - Task [GDP-15](#)
 - Support developers.
 - 6.- Baserock GDP synchronization with Baseline - Epic [GDP-24](#)
 - Works towards a Continuous Delivery approach - Epic [GDP-24](#) and Epic [GDP-10](#)

Goals are prioritized



GDP Maintenance Roadmap

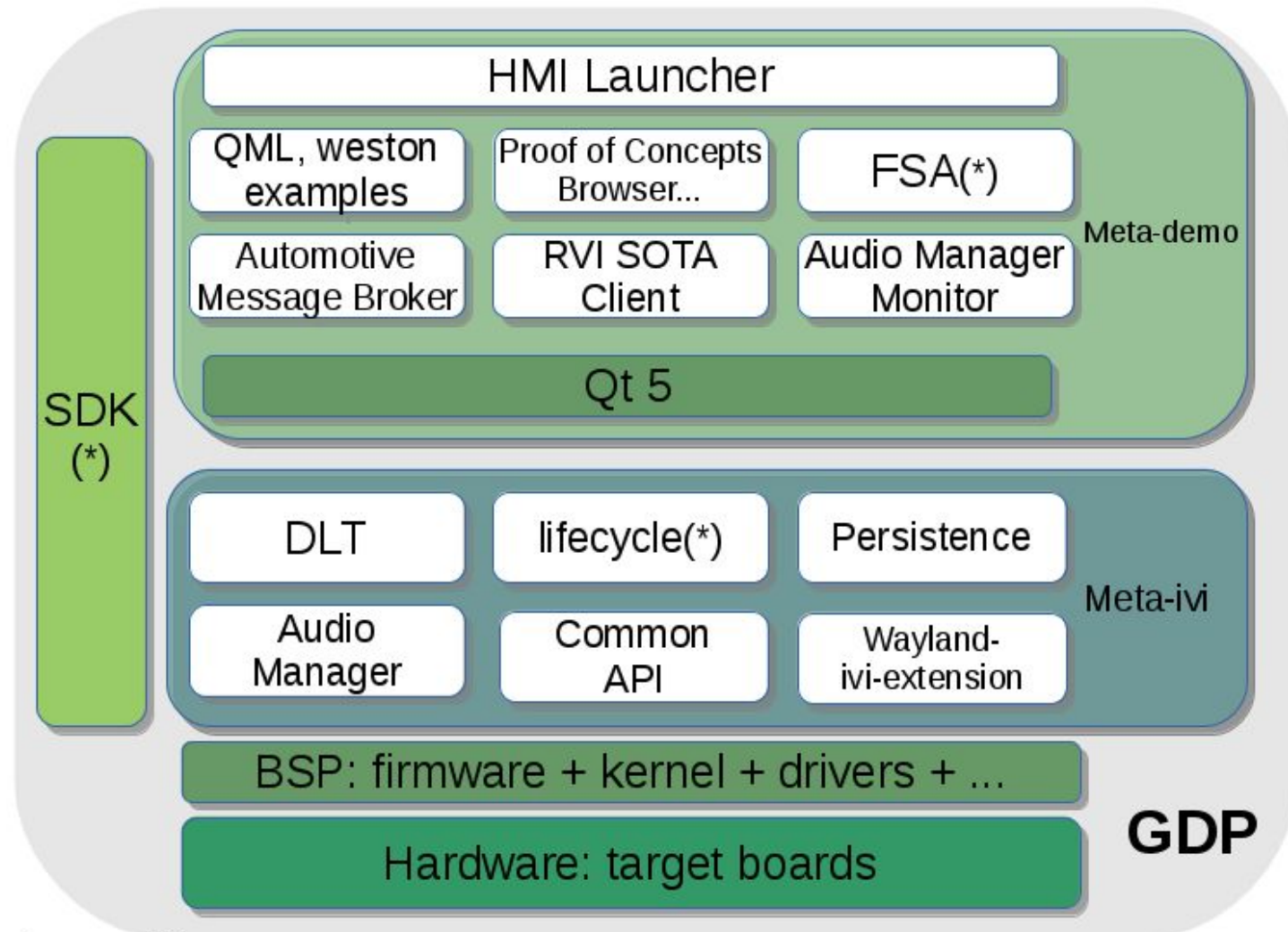


Considerations

- At this point, we expect to release:
 - A QEMU image of GDP-ivi9 on March 8th 2016.
 - A GDP image of the target boards during March up to April 5th
- We would like to start the analysis of GDP-ivi10 before AMM. No commitment at this point.
- The remain Lifecycle integration into GDP work has been estimated in 1 eng. during 2 months.
- The current roadmap until 14th AMM assumes that we will focus 100% of the team into releasing GDP-ivi9
- Codethink is contributing to GDP by creating a Continuous delivery walking skeleton in order to automate key maintenance/delivery activities.
 - The plan is to provide simple automated acceptance tests to those who are willing to contribute code into GDP for 14th AMM.
- The diagram is orientative. Deadlines should be reflected in JIRA cards when the confidence is high.
- Roadmap approved at the GDP Call on Jan 20th 2016 after discussion at the “project” mailing list



GDP block diagram



(*) Not available yet in GDP

- GDP-ivi10: from demo to development platform.
- Expectations:
 - More components integrated: lifecycle, RVI, FSA...
 - Updates of the existing ones + baseline.
 - Porting to further boards.
 - Participate in the [GDP-ivi10 requests](#) discussion.
- Towards quantitatively managed delivery practices.

- [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?

Happy hacking