The speaker:
Agustín Benito Bethencourt (toscalix)

- At GENIVI Alliance.
  - Codethink representative.
  - GDP Delivery Team Lead
  - Tools Team Expert Group Coordinator.

- At Linux Foundation:
  - Codethink representative.
  - AGL’s CIAT group member.
  - CIP member.

- Principal Consultant - FOSS at [Codethink Ltd](http://www.codethink.com)
- Based in Málaga, Spain.
- Experienced managing FOSS & distributed projects in the open.
- More: [http://www.toscalix.com](http://www.toscalix.com)
The GENIVI Alliance Community is currently represented by 140 member companies…

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

B. Best practices and tools to ensure deployments when using GENIVI’s IVI middleware.
GENIVI Alliance is the home of a variety of automotive FOSS projects.

- Software development projects: Expert Groups
- Integration and delivery projects:
  - Baseline (meta-ivi): focus on product compliance/certification.
  - GENIVI Development Platform (GDP): focused on innovation/developers.
1. Develop and deliver key automotive-specific software components together with industry experts.
2. Rapid prototyping/demo your automotive applications.
3. Become part of a disruptive change in automotive.
4. For some of the components that GDP ships, GENIVI is upstream.
GENIVI Development Platform:

- Open Source project done “in the open” for developers.
- Delivery project.
- QEMU and several boards as targets.
- Includes meta-ivi (Baseline).
- Yocto (poky) and Baserock (future) based.
GDP deliverables

**GDP Master**

- Rolling release with the latest integrated software.
- Target FOSS automotive devs. & GDP hackers/contributors.

**GDP releases**

- GDP-ivi9 is the latest major release. GDP 11 in Oct. 2016!!!
- Target automotive UI and app developers (users).
What is GDP-ivi9

- **Released** on April 19th 2016.
- **Targets:**
  - QEMU, Renesas Porter, RPi2 & Intel Minnowboard.
- Check [the feature](#) page for highlights.
- **Download** GDP-ivi9
GDP in detail

GDP block diagram...
People at GDP

Delivery

- GDP maintainers
  - Changhyeok Bae, community.
  - Robert Marshall, Codethink Ltd.
  - Tom Pollard, Codethink Ltd.

- Other key people:
  - Meta-ivi & Renesas BSP maintainers, community management, devops/IT service, PMO, delivery team lead, GENIVI architect, LRT team ...

Development

- GENIVI Expert Groups
- Community contributors
GDP tools

Tools GDP project uses today:

- **GitHub**: git repositories and code review.
- **JIRA**: bug tracker and task management tool.
- **Confluence**: wiki.
- **go.cd**: integration/delivery mgnt.
- **Mailman**: genivi-projects@lists.genivi.org
- **IRC**: #automotive at irc.freenode.net

Next:

- Download infrastructure, analytics, test automation...
Future of GDP

● GDP 11:
  ○ To be released early in Oct. 2016
  ○ Based in Yocto 2.1, Qt 5.6 + meta-ivi 11
  ○ **Targets**: QEMU, Renesas Porter & Silk, RPi2 and 3 & Intel Minnowboard…
  ○ Hands on Sessions at [GENIVI 15th AMM](#): San Francisco, CA, US in Oct

● Improvements:
  ○ Acceptance tests.
  ○ Commit stage: pre-integration.
  ○ Shorter feedback loop with GENIVI developers (Expert Groups).
But above all...

More focus on automotive developers.

Check the latest GDP news.
Interesting links

- **www.genivi.org**
  - GENIVI FAQ
  - Projects.genivi.org
  - GDP latests GDP news

- **GDP Master**
  - genivi-dev-platform
  - meta-genivi-dev

- **Download GDP-ivi9**

- **Get involved:**
  - Get the sources
  - Contribution policies
  - Report bugs

- **Follow up**
  - Delivery status reports
  - GDP overview (weekly)
  - GDP Out There