



- Grilo -

Enhancing the multimedia experience in
MeeGo

Iago Toral <itoral@igalia.com>, Igalia



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Many content providers



Many multimedia devices



What do we want to achieve?

- Provide access to media content
 - Integrate content from various sources.
 - Consider both local and remote providers.
 - Gather metadata about the media content.

What do we want to achieve?

- Consistent user experience
 - Users care about the content, not the provider.
 - The user experience should not vary depending on the provider delivering the content.

What do we want to achieve?

- Scalability
 - Many media providers, more will come.
 - Supporting new media providers needs work and maintenance.
 - We want the capacity to support new providers fast, with little work and in a consistent way.

What do we want to achieve?

- Reduce development and maintenance
 - The more services supported the more maintenance work is needed.
 - As media providers grow in number, independent developers won't be able to support and maintain individual solutions.

What's happening today?

- In-house solutions developed from scratch.
- Developers dealing with lots of APIs, protocols and technologies.
- Slow and expensive development process.
- Not scalable, expensive maintenance.

What can we do about this?

- This is not a new problem.
- We need software platforms, like MeeGo, to provide developers with proper support for this new problem.
 - Just as platforms provide proper support for media playback and media formats.



What can we do about this?

- By doing so we get (I):
 - Enable collaboration.
 - Reduce complexity.
 - Cut down development time and costs.
 - Ease achievement of consistent solutions.
 - Scalability.



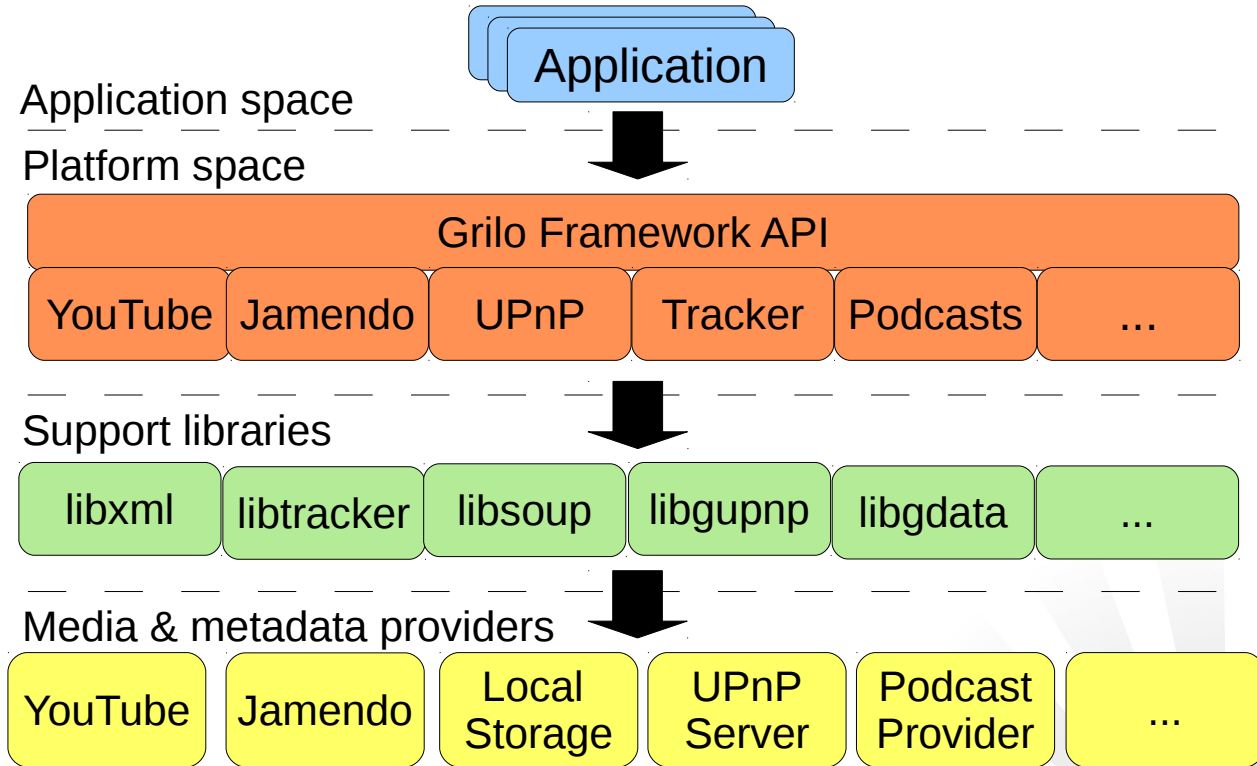
What can we do about this?

- By doing so we get (II):
 - Reliability.
 - Community support.



Introducing Grilo

- Platform-level solution.
 - Bridge between apps and media providers.
 - LGPL.
- Single API for accessing media content.
 - Decouple app code from media providers.
 - Transparency for developers and users.



Demo



Developing Media Solutions With Grilo

- A Quick Walkthrough -



Grilo in MeeGo

- Grilo fills a technological gap in modern platforms.
- Makes the platform more appealing to media developers.
 - Developing media solutions in MeeGo would be faster and more efficient.

Grilo in MeeGo

- Grilo is based on GLib, which is already part of the platform.
- Developing MeeGo applications with Grilo should be straight forward.
 - Example: media explorer for MeeGo Netbook.



Grilo in MeeGo

- Qt bindings can be implemented if the MeeGo community is interested in Grilo.
- MeeGo specific plugins could also be developed.



Grilo in MeeGo

- MeeGo targets various kinds of devices: Handset, Set-Top-Box / Smart TV, In-Vehicle Infotainment, Netbook, ...
- Grilo can be a useful for media developers targeting any of these devices.



Questions?

Come and learn more
about Grilo at Igalia's
booth!



Wiki: <http://live.gnome.org/Grilo>

Git repositories:

- <git://git.gnome.org/grilo>
- <git://git.gnome.org/grilo-plugins>

IRC: #grilo @ GIMPNet

Mailing list: grilo-list@gnome.org

Bugzilla: <http://bugzilla.gnome.org>

