

MeeGo Technical Overview

Linux Foundation Collaboration Summit

Arjan van de Ven

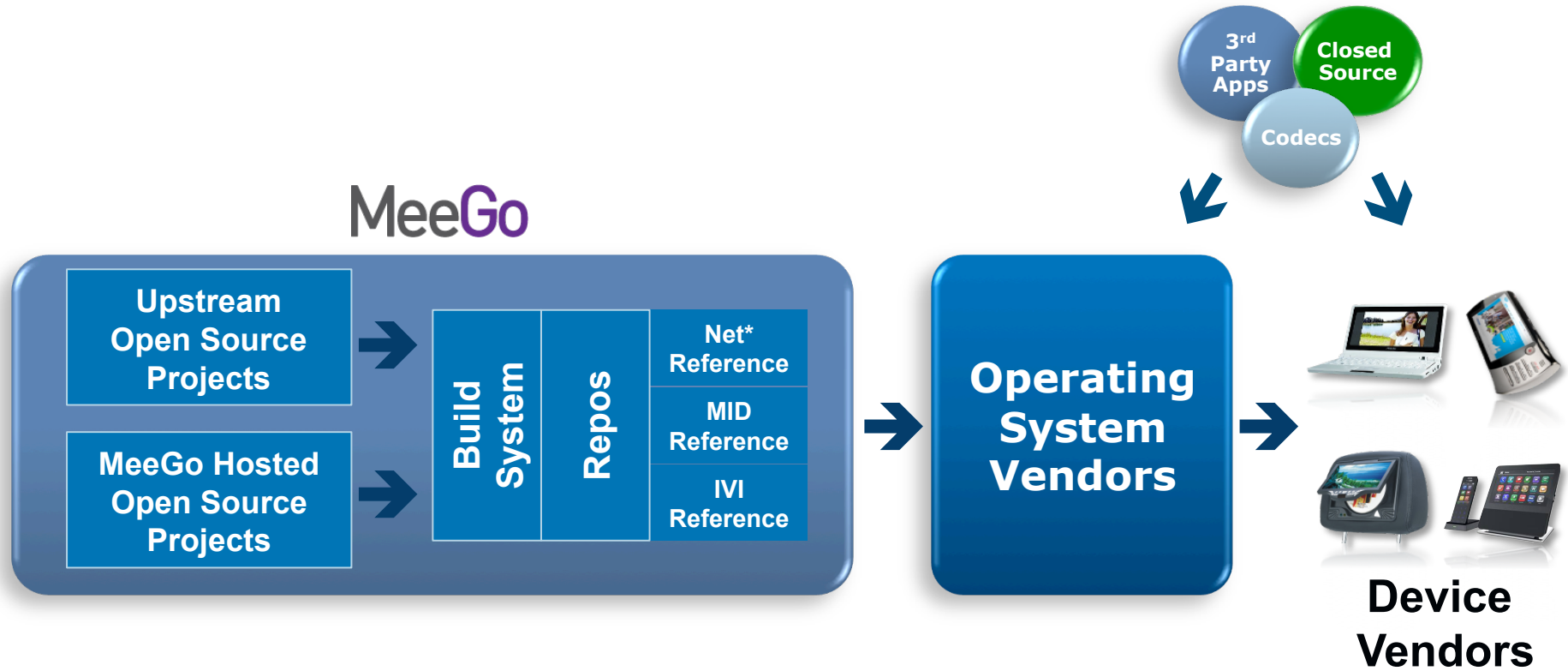


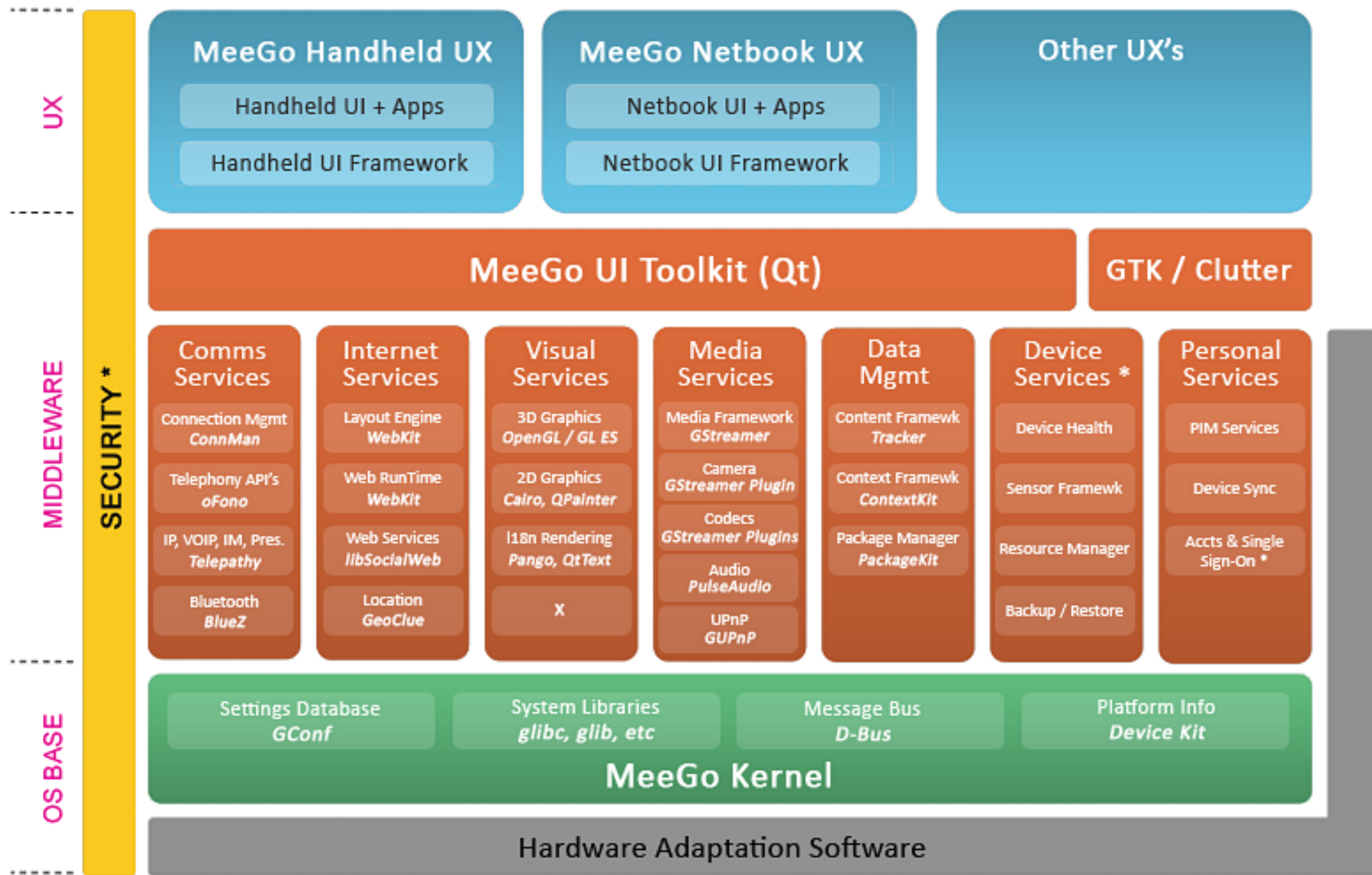
MeeGo Overview

- MeeGo = best of Moblin and the best of Maemo
- MeeGo is a fully open source software platform
 - Proprietary add-ons can be provided by vendors to support hardware, services, or customized user experiences
- MeeGo provides a common set of APIs across client devices with one unified voice to developers
- MeeGo supports multiple hardware architectures (IA and ARM)
- MeeGo is an independent project under the auspices of the Linux Foundation
- MeeGo has a 6 month release cadence



MeeGo Working Model

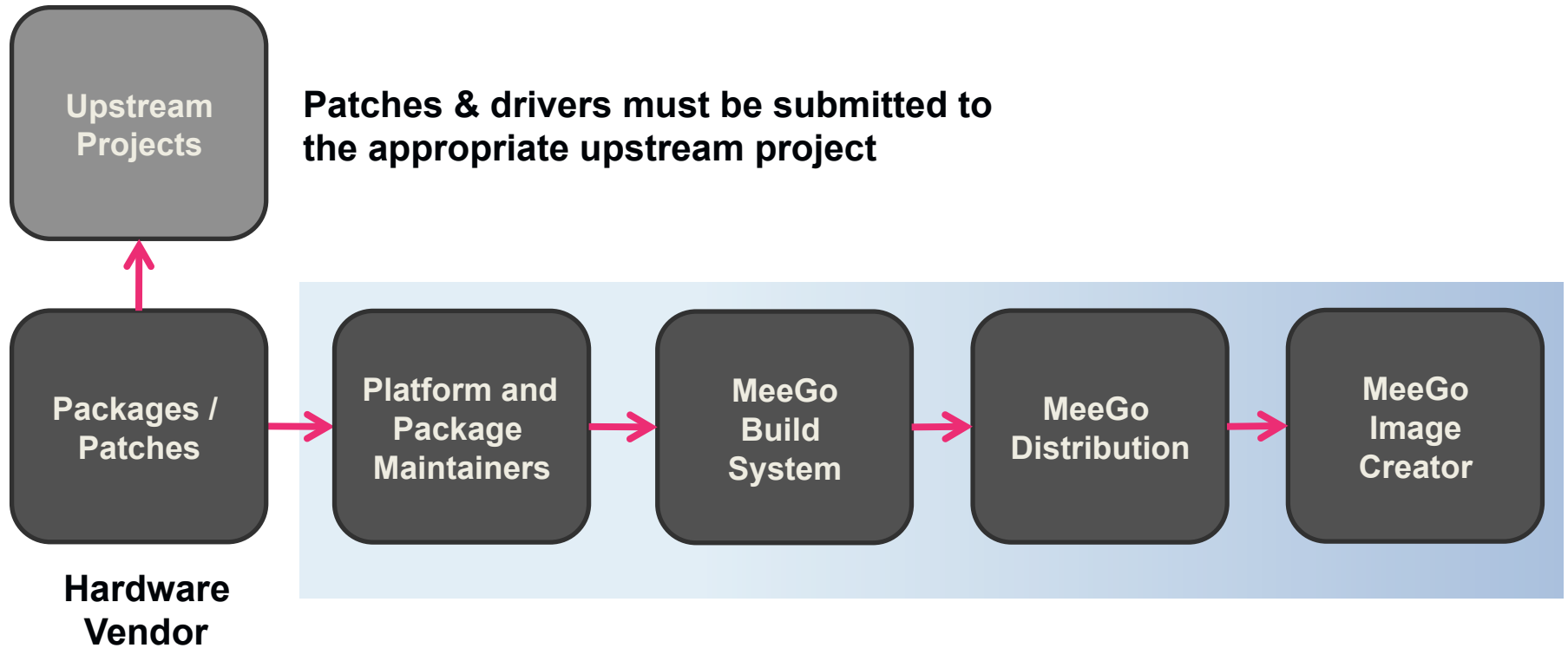




Hardware Architecture Support

- Support for both Intel and ARM architectures
- Silicon vendors are responsible for providing the hardware adaptation software
 - Intel provides the complete solution for Atom-based platforms
- Architecture maintainers are responsible for integrating hardware-specific patches into the single MeeGo source base
 - "upstream first" policy for patches!

Hardware Enabling Process



MeeGo Compatibility Overview

- MeeGo will provide strong, full stack based compatibility
 - focused on application compatibility between MeeGo-based devices
- MeeGo stack must be provided in its entirety
 - all packages based on MeeGo sources
 - user experience can be customized
 - must include UI framework and user interaction model per profile
- Components can be added on top of MeeGo stack
- There will be a MeeGo compatibility program
 - Use of MeeGo brand, logo, etc will be based on compatibility
- Use of the MeeGo name

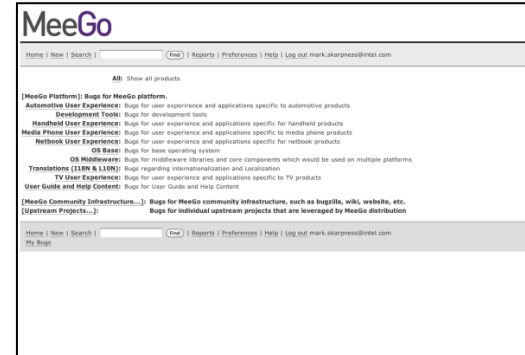
MeeGo Developer Infrastructure

git



meego.gitorious.org

bugzilla



bugzilla.meego.com

repos



repo.meego.com

garage



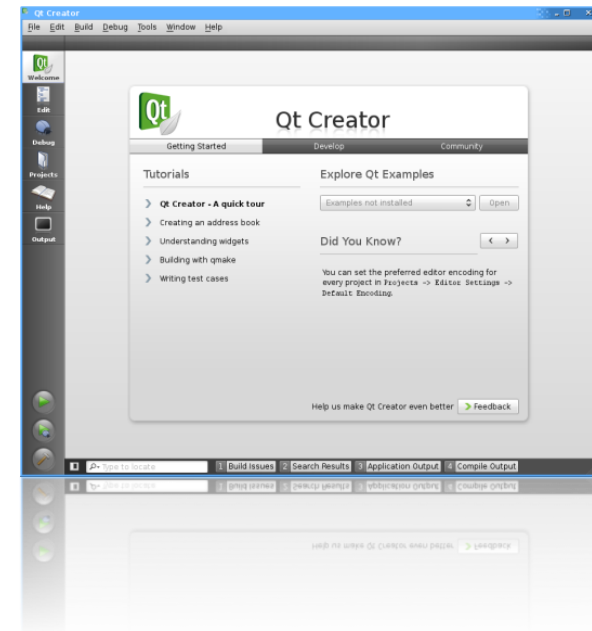
garage.meego.com



MeeGo Application Development Environment

MeeGo offers Qt and Web runtime for app development:

- Qt for native C++ and Web runtime for Web applications (HTML, JS, CSS, etc.)
- Qt and Web runtime bring cross platform development so apps can span multiple platforms
- Native development tool: Qt Creator
- Web development tools: plug-ins for standard web development tools including Aptana and DreamWeaver



Governance, Community, Licensing

Governance

Technical Steering Group



Imad Sousou



Valtteri Halla

Committers,
Maintainers, and
Technical Leaders

Working Groups



Netbook



Connected TV

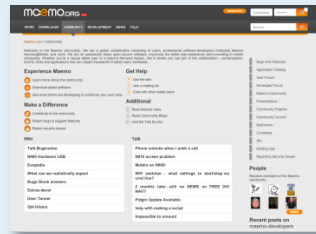


Handheld



In-Vehicle

Community

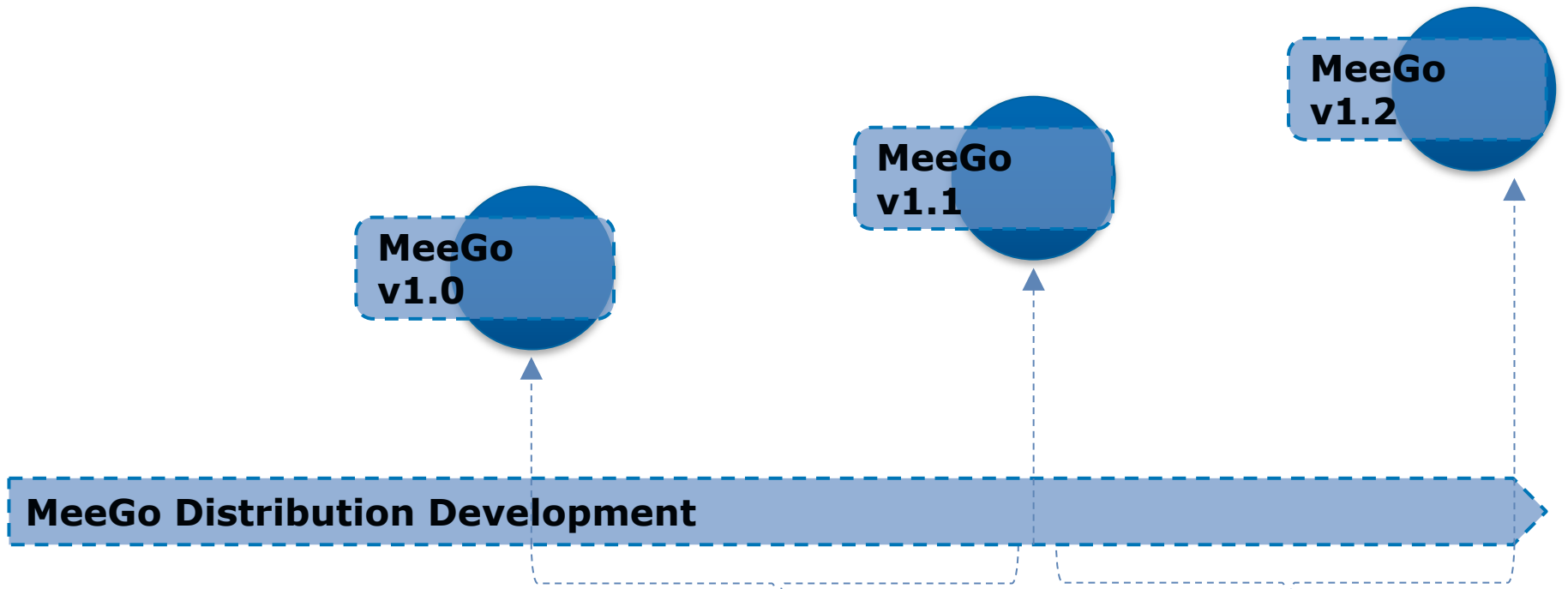


Licensing



- All licenses must be compatible with OSI Open Source Definition
- Framework technologies must allow linking of proprietary components
- MeeGo OS: Use of (L)GPL version 2.x is encouraged
- MeeGo UX: Use of permissive licenses such as BSD is encouraged

MeeGo Project Release Schedule



MeeGo Project Release Cadence: Every 6mo.

4Q'09			1Q'10			2Q'10			3Q'10			4Q'10			1Q'11			
OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR

