Maemo Support for Community

Summary: Things you can do with Fremantle – Ways how we can help you to succeed

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Development resources for Maemo

Maemo SDK:

- The Maemo SDK creates a sandboxed development environment on a GNU/Linux desktop system largely built on the Scratchbox cross-compilation toolkit.

Maemo.org:

- Maemo.org website has a lot of different repositories that are meant to be used with standard Debian package installation tools.
- Documentation include tutorials, API references, manuals and several other guides.

Maemo online training:

- Maemo training courses provide an efficient overview of the tools and methodologies needed when developing applications and platform services.

Forum Nokia:

- Consulting and technical service for application development on Maemo

Opportunities of new enablers in Fremantle release

HSPA mobile broadband support :

- **Assume nothing less than always online** when designing applications

OMAP3 high-performance processor support:

- **Computing-intensive applications without user-perceived delays**
- **Enabling up to 3X gain in performance** over ARM11-based processors
- **Encode and decode videos at DVD resolutions**

High-definition camera sensor:

- **Build anything you can imagine assuming a camera in the device**: from camera algorithm optimizations to photo sharing on the web

Meta Tracker:

- **built context and content search into your application**

HW-accelerated graphics with Open GL ES2.0 and Clutter:

- **Increase usability and embed stunning UI transitions into your application**

Create open source for Mozilla-based browser

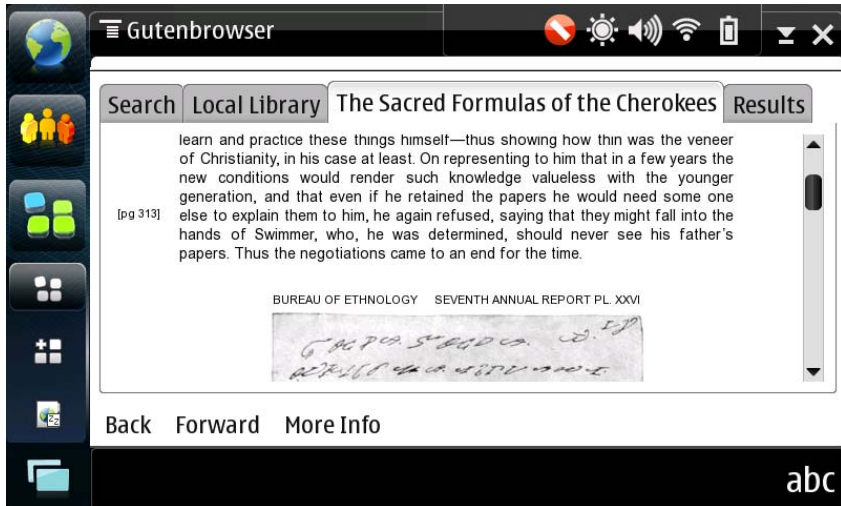Continuing to support the Mozilla-based browser, we encourage developers to:

- For those comfortable to work on top of Gecko engine: **Create small apps** just like widgets*

- for those familiar with writing add-ons for Firefox: **personalize the use of the web in Maemo with add-ons***

- for those good in JavaScript: **build Greasemonkey add-ons***

* possible with Fremantle beta SDK – subject to change

For those that prefer Qt...

Don't wait for Harmattan!
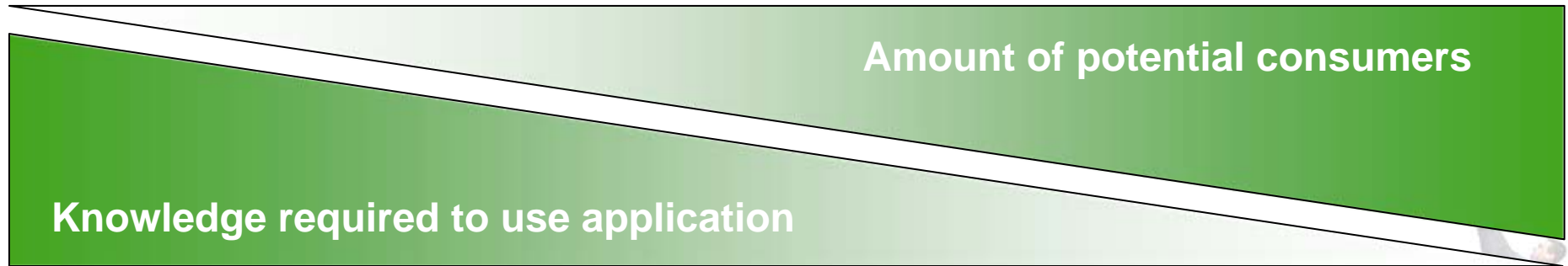
Check out the Qt 4.4 on Maemo 4 project!

Quote from Paul Lorn (GutenBrowser):
"All it took was a recompile! Just install the Scratchbox sdk for Maemo. Grab the qt4 for Maemo sources, compile, install them, and your good to go! hmmm... what's next?

Check out the Qt 4.4 on Maemo project – to be continued for Fremantle!

Making commercial-grade applications...
...and getting them out there

| Maemo Garage | → | Application Catalog | → | maemo.nokia.com |

Amount of potential consumers

Knowledge required to use application

Things Nokia will do for non-profit applications

- **Promotion of selected applications or content on maemo.nokia.com, Maemo Application Manager, global events, and life-cycle marketing campaigns**

- **Sponsorship for Search-Engine-Marketing of selected applications or content**

- **Early access to devices for development and porting**

- **Free of charge consultancy for improving User Experience through Forum Nokia**

Preliminary schedule for Fremantle tools

Maemo

Alpha SDK   **November 2008**
Beta SDK   **March-May 2009**

maemo.org

Theme Maker by Urho Konttori   **March-May 2009**
Qt4.4 port for Fremantle by Antonio Aloisio   **March-May 2009**