Tools for Mobile Linux

Eclipse Demo Camp

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About Tools for Mobile Linux (TML)

- ## Charter:
  - Frameworks to implement an IDE for mobile Linux developers
  - Current Focus: End to End Simulation environment of Mobile Linux devices (and Infrastructure Services)

- ## Extends the capabilities of:
  - CDT, TM

- ## Similar to:
  - MTJ: Provides a similar experience for mobile Java development

Current Status

- Currently in "Incubation" phase
- Started by Motorola in June 2006
- Currently 4 contributors, mix of Motorola Employees and Contractors

- Initial Contribution just committed to CVS:
  - http://www.eclipse.org/dsdp/tml/downloads.php
  - http://dev.eclipse.org/viewcvs/index.cgi/?root=DSDP_Project

- Looking for more interested Developers; Roadmap planning for 2008 in progress

- The VNC Viewer Components
  - org.eclipse.tml.vncviewer/
  - org.eclipse.tml.vncviewer.framework/
  - org.eclipse.tml.vncviewer.vncviews/

- The Device/Emulator Abstractions
  - org.eclipse.tml.common.utilities/
  - org.eclipse.tml.framework.device/
  - org.eclipse.tml.framework.device.ui/
  - org.eclipse.tml.service.start/
  - org.eclipse.tml.service.stop/

- Examples (missing some of the GPL components)
  - org.eclipse.tml.device.qemuarm/
  - org.eclipse.tml.device.qemureact/

- At the moment TML is purely a FRAMEWORK
    - Doesn't implement any Views

- Using TML requires to implement the Emulator bindings and Eclipse Views
    - We're in the process of adding some example views
    - Still need to figure out some GPL restrictions for demos

DEMO

- Demo

- Q&A