



Motorola in the Eclipse Community

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- Motorola is much more than Mobile Phones
- Connected Home
 - Cable Settop Boxes
 - IP Video
- Enterprise Solutions
 - Networks
 - Telematics





Motorola produces large amount of internal software for our products:

- Firmware
 - Based on Motorola proprietary OS. E.g. RAZR, 6412
 - Based on Linux. E.g. A1200, A780
 - Others. E.g. Brew, Windows, Symbian etc.
- Host Tools
 - Flash Tools
 - Factory support tools
- SDK's
 - E.g. MIDP, OCAP, etc.





1. Motorola needs Tools
2. Eclipse is a great framework to build Tools

Using the Eclipse framework and plug-ins, we can:

- Unify our tools platform
- Leverage 3rd party and cross company plug-in's
- Focus on Core Competency: Products



- Eclipse is already widely used by internal developers
 - Grass Roots adoption
 - Some project teams have build internal tools on Eclipse
- Motorola is already contributing to a few Eclipse projects.
E.g. Freescale Contributions to DD for multi core debugging support



- Further establish Eclipse as a platform for mobile and embedded Software development
- Contribute to other related projects, CDT, DSDP, EMF etc.
- Proposed project: “Tools for Mobile Linux”
 - Provide frameworks and tooling for development of C++ applications targeting mobile devices
- Increase the overall Motorola tools development efficiency by
 - Having a unified tools platform
 - Leveraging 3rd party and internal components



- Proposed sub project of the DSDP
- The goal of TmL is to:
 - Coordinate with other projects to include support for “mobile” specific requirements
 - Fill a void in DSDP for mobile “native code” development
- Currently actively seeking input and participation
 - Prioritizing and narrowing scope
- TmL creation review targeted for end of October

For more Info...



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