

# Android is Open Source - so what?

Not a vendor pitch, its just me.  
Android developer like you.

Manfred Moser

simpligility technologies inc.  
<http://www.simpligility.com>  
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# Android Community

- Great open source community
- IRC, mailing lists, stackoverflow
- User groups, conferences
- Embraces and unites other communities around
  - Java, Linux, Arduino, Modders and so on

I LOVE IT!

# Android is Open Source but..

- AOSP – open source in large drops
- Android SDK – better visibility
- Still hard to get changes included
  
- What about beyond Android itself?

# Example Tools

- SQLite database browser in MotoDev Studio
  - Why not in ADT?
  - Would have more users and be great
- How about an automated translation tool?
  - Exists in MotoDev
- Same for testing tools and so on and so on

# Example apk Validation

- Motorola AppValidator
  - Closed source but should be open source
- Sony Ericsson ApkAnalyzer
  - Open source
- You can be sure that Amazon, Barnes and Noble, RIM, Intel, HTC... and many other app stores and manufacturers have something similar

Why not work together!!

# You see a pattern?

- Vendors tends towards open source
- Don't know how to cooperate on things that are not part of their core business

But it can work!

# Working cooperation

- Comes from the community and gets adopted by vendors
  - RoboGuice (Groupon, Google...)
  - Android Maven Plugin (github, simpligility, ..)
  - ActionBarSherlock (Square, ...)
  - Robotium (Jayway, ...), Robolectric (Pivotalabs,...)
- Community can push and teach the vendors!
- Vendors should listen and learn!

# Why?

- Everybody can get access to better
  - Tools
  - Libraries
  - Components
  - Ultimately better apps
- Still bring own specific value to the table
- Together we can beat the competition outside the Android ecosystem!

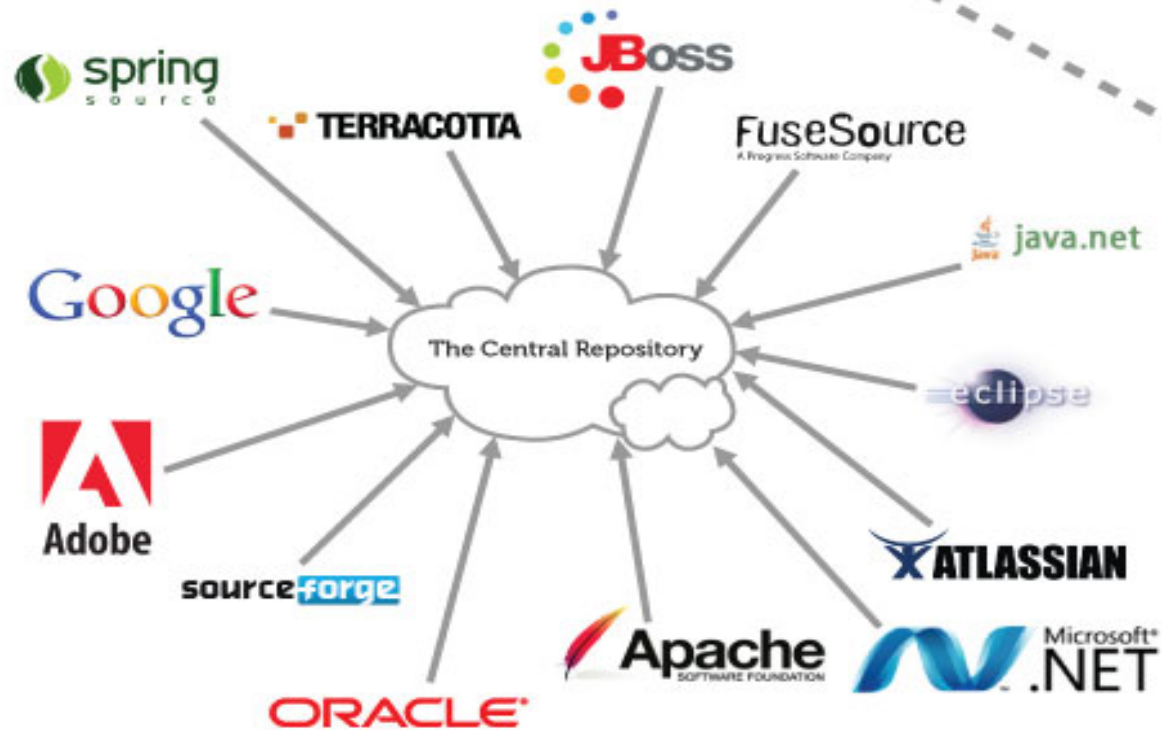


# How?

- Tools are there, we need to facilitate them better
  - Github, googlecode, bitbucket for projects
- Dependency support in upcoming SDK releases
  - We need easy reuse of binary artifacts
  - And a repository for it!
  - Luckily it already exists
  - Is already used by RoboGuice, ActionBarSherlock...

# Central Repository

More than: 40,000 projects  
300,000 components  
200 million classes  
60,000 organizations per month



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# What can you do?

- Everybody can help!
  - Documentation
  - Blog posts
  - Good questions and answers on stackoverflow
  - Bug reports
  - Code contributions
  - Talk to your boss to let you help

# Help as user

- Push app developers to follow guidelines
- Demand quality apps
- Demand Android specific apps
- Demand Android tablet support

# Summary

- You all and the Android community ROCK!
- We need to learn that open source
  - Is work
  - More than dump code
  - Needs cooperation and communication
- Demand high quality of each other
- The tools are ready and waiting to be used
- Lets work together and kick some ass!