A Java API for unifying ad-hoc Wifi networking

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Milestone 4 (February 11)

- Complete Direct P2P Support
- Complete DHCP option for Ad-Hoc networks
- Implement Android P2P support

Milestone 4 Progress

Task	Completion %	Peter	Klaus	Michael	Robert	To Do
Complete Direct P2P Support	65%	16%	17%	16%	16%	Final integration of Linux components and android integration testing
Complete DHCP option for Ad-Hoc networks	80%	20%	20%	20%	20%	Final testing for joining/leaving networks
Implement Android P2P support	20%	5%	5%	5%	5%	Build from skeleton of Android classes

DirectP2P on Linux

- Commands and usage identified
- Some problems automating them
- Other problems in making usage intuitive for API

Android DirectP2P

- All components identified
- Reliance on Android's API makes it confusing to merge into our repository
- Difficulty in unifying our API interface with underlying android interface and linux interface for DirectP2P

Peer Identification

- DHCP has too much overhead and the nature of adhoc networks introduces too many problems in using DHCP
- Use arp -a command for Mac
- Approach is to ping all IP’s in the range in Windows and Linux
- Mostly done, just working on making it faster

Milestone 5 (March 18)

- Complete DirectP2P support
- Complete IP Discovery
- Implement Android P2P support
- Create Showcase Poster
- Create Ebook Page

Milestone 5 Matrix

Task	Peter	Michael	Klaus	Robert
Create Showcase Poster	25%	25%	25%	25%
Complete Direct P2P Support	25%	25%	25%	25%
Complete IP Discovery	25%	25%	25%	25%
Implement Android P2P support	25%	25%	25%	25%
Create Ebook Page	25%	25%	25%	25%

Demo

No more live demos

Questions?