



A Java API for unifying ad-hoc Wifi networking

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Milestone 6 (April 15)

- Create User Manual
- Create Demo Video
- Finish DirectP2P
- Finish Android P2P support
- VPython animation of a constructed Ad-Hoc Network



Milestone 6 Progress

Task	Completion %	Peter	Klaus	Michael	Robert	To Do
Create User Manual	100%	25%	0%	25%	50%	None
Create Demo Video	100%	10%	80%	0%	10%	None
Finish DirectP2P	87%	47%	0%	0%	40%	Redirect console messages to API
Finish Android P2P support	50%	25%	0%	0%	25%	Testing and bug fixes
VPython animation of a constructed Ad-Hoc Network	100%	0%	50%	50%	0%	None



Direct P2P

- Only problem remaining from last time: get output from p2p_find to the Java program
- Discovered a way to do it after talking with Dr. Silaghi (start API as daemon and reroute console messages via ttys processes)
- Unable to implement due to unforeseen circumstances and showcase preparation



VPython Video

- Program plots Ad-Hoc network as graph
 - Reads in data about connected computers
 - IP Address
 - Given Name
 - Plots them as nodes
 - Shows established connectivity
- Watch video



Lessons Learned

- Don't procrastinate what you don't understand (Android WiFi-Direct)
- Meet frequently with your advisor prior to the first milestone
- If possible, sample every problem of the project from the start
- Make heavy use of diagrams and visuals on your showcase poster
- The most important text portions of the showcase poster are the goal and challenges sections

Milestone Demo Video: [Click here](#)

Project Demo Video: [Click here](#)

Questions?

