

Hackathon Report

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Overview

- NDNcomm held its first hackathon Saturday & Sunday
- Goal: advance the state of NDN and foster collaboration

By the Numbers

- Received 19 project submissions
- ~25 hackathon participants
- Project representatives briefly pitched their ideas to attract participants
- In total, 7 projects were selected by participants to be worked on for the next ~12 hours

Selected Projects

- Adopt Mini-NDN for testing any project based on NFD
- NFD on Windows
- New Cache Decision Policies for NFD
- NDN over BTLE on the Arduino
- Hack in NDNS code to be simulated using the latest ndnSIM
- Access Control with NFN
- Implement Demo App (Headless or GUI) on Ubuntu Linux

Judging

- NDN consortium members volunteered to judge
- Judges visited all projects and looked for how the completed portion of the project advances the state of NDN as well as the NDN-ness of the approach
- Ultimately select **one** project for the Best of Hackathon prize
 - Raspberry Pi 2 starter kit, preloaded with NDN software, for each team member

..and Stickers!



The winner is...

- NDN over BTLE on the Arduino: Prototype for general Bluetooth support in NFD

Code

- (Most) project repos live @ <https://github.com/ndncomm>
- Project web pages available at: <https://ndncomm.github.io/<repo-name>>
- If you see something interesting, jump in!

Thanks!

- Please send us feedback about the hackathon!
 - dibenede@cs.colostate.edu
 - ndncomm2015-hackathon@named-data.net
- Special thanks to the REMAP team – a lot of work went into organization and local arrangements
- Lots of great feedback and guidance, especially from Jeff Burke, on how to organize the event