

Hackathon Version6



- Part of “IPv6 Week Denmark”
 - <https://labs.ripe.net/Members/becha/join-the-ripe-ncc-hackathon-version-6>
- 4 and 5 November 2017, Copenhagen, Denmark
- Big thanks to our sponsor: Comcast
- & to our local support: DKN OG, ITU.dk
- 33 people in total
 - 24 participants, 5 jurors, 4 RIPE NCC staff support
 - from 18 different countries!
- 10 projects suggested, five final projects

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All Five Projects



- “Pocket Internet”
- “IPv4 and IPv6 Disparities”
 - & TraceMonks
- IPviz6
- “PCAP or it didn’t happen”
- “The Status of IPv6”

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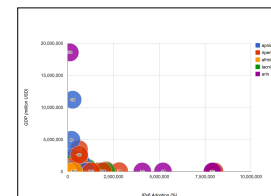
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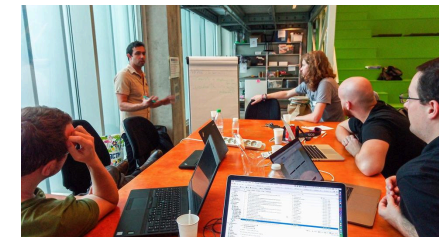
Stroopwafels went to... 3rd place:



- IPvizzz6
 - Igor, Luuk, Nico, Pedro, Thomas
 - visualising global IPv6 deployment rates, comparing with various other metrics: GDP, CO2 emissions...
 - pretty, extendable, versatile, can be embedded
 - good team work



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Stroopwafels went to... 2nd place:

- “Pocket Internet” = educational lab in containers
 - Andy, Cristian, Henrik, Harry, Evangelos, Samer
 - use-case: teaching networking basics, including IPv6
 - easy to start-up VM with Docker containers
 - with DNS, BGP, web servers in “pods”
 - “pods” emulate inter-connected ASN



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Stroopwafels went to... 1st place:

- libpcap library re-write to support IPv6 filtering!
 - Daniel, Matthias, Moritz
 - most benefits for most users
 - PLUS music by floppy-disc drive!
 - will be maintained in the future
 - pull request already accepted!
 - <https://github.com/the-tcpdump-group/libpcap/pull/660>



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Of course, there were T-shirts...



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