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DNS and the Application Layer

Team DApper at DNS-Hackathon-2023, Rotterdam

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Quod?

- DApper — DNS and the Application Layer
- Discussion
- Problem statement
- Library survey
- Resources
- Demo code

DApper Cur?

- Applications typically use DNS just for address resolution
- Other data is retrieved with ad-hoc code
- Modern (?) features of DNS are not exploited by applications
 - How old is DNSSEC again?
- There must be a better way ...

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Quo modo?

- Discussed problem space.
- Reviewed existing libraries and resources.
- Gelernt: Mozartkugeln schmecken!
- New experience for several of us, so we learned quite a bit about process, group dynamics, and mutual communication.
- Learned that **getdns** is an attractive library for filling the gap.
- Have demo EDE testbench, but hit a wall with sample getdns code

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Quibus auxiliis?

- Yuang Yuan
- Asbjørn Sloth Tønnesen
- André Melancia
- Jelmer Vernooij
- Niall O'Reilly

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et ... ?

- Will try to unblock getdns demo effort
- DEfO-2 project (see defo.ie) will take advantage of this weekend's work