

LHB Project at DNS Hackathon 2025

LHB — "Lookup Hostname Best-practice"

- See README.md in repo for etymology

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Overview

- Quod? (What we did)
- Cur? (Why we did it)
- Quo modo? (How we did it)
- Quibus auxiliis? (Who worked on it)

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Quod? (What we did)

- LHB — Lookup Hostname Best-practice
- Discussion: **getaddrinfo()** vs current requirements
- Strategy: wrapping vs extension
- Artefacts: code, documentation in repo

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Cur? (Why we did it)

- DNS delivers more than just addresses (no, really?)
- Integrating a selected resolver library in a chosen target application library is likely to be challenging
- Pragmatic approach is to start by minimizing impact on target library

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Quo modo? (How we did it)

- Discussed needs of some current projects
- Sketched a provisional architecture
- Decided to work on POC code
- Decided not to catalogue obstacles

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Quibus auxiliis? (Who worked on it)

- Ali
- Asbjørn
- Björn
- Niall
- Teddy