

# JSON Export Schema & Centralised Database

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The logo for euro-IX, featuring the word "euro" in a lowercase, rounded sans-serif font, followed by a hyphen and the letters "IX" in a bold, uppercase, sans-serif font. The entire logo is rendered in a solid blue color.

euro-IX

# Problem

- There is a real and current requirement for a centralised IXP database which can answer questions such as:
  - At what IXPs does AS65500 peer?
  - What is their peering IPv4/6 address(es)?
  - Do they peer with the route servers?

# Database Requirements

- Must be comprehensive
- Must be accurate
- Must be up to date

# Database Requirements

- These requirements can only be met if that data comes from each IXP
- What's needed to make this happen?

# Implement the JSON Export Schema

- <https://github.com/euro-ix/json-schemas>
- 17 organisations implement it today
- It *just works* with IXP Manager
- It's not difficult - honest!
  - SQL query -> JSON
  - <https://github.com/euro-ix/json-schemas/tree/master/examples>
- We will help you if you have trouble doing this

# euro-ix / IX-F

- There is a centralised database but... needs work:
  - Needs to slurp all implemented JSON exports from IXPs
  - This data needs to be made **publicly** available with a simple API
- Can we commit to getting 20 new IXPs by the next forum?

**I LOVE IT**

**WHEN A PLAN COMES TOGETHER**

# Resources

- <https://github.com/euro-ix/json-schemas>
- Contact us if you're willing to commit:
  - [barry.odonovan@inex.ie](mailto:barry.odonovan@inex.ie)