RIPE DATABASE TRAINING COURSE

This one-day training course will make you a capable user of the RIPE Database. Mixing hands-on activities with theory, the participants will get a comprehensive idea of what the RIPE Database is and what they can do with it.

Goals

- Understand what the RIPE Database is and its purpose
- Learn how to query and update the RIPE Database
- Enable LIRs to carry out their registration tasks
- Understand the RIPE Database’s role in the Internet Routing Registry and setting up reverse delegation
- Evaluate the use of additional tools to get the most out of the RIPE Database

Course Content

- Introduction

- What is the RIPE Database?
  - Purpose, objects, looking for data

- How does it work?
  - Making queries, using flags and options

- How to update it?
  - Maintainers, creating and deleting objects

- Delegating address space to others
  - How to register sub-allocations

- RIPE Routing Registry
  - aut-num and route(6) objects

- Reverse DNS
  - How to request reverse delegation

- More RIPE Database
  - Inverse lookups, full text search, notifications, RIPE Database Working Group

- The RESTful API

Pre-requisites

- For this course you should have a basic understanding of:
  - What an LIR is
  - What a database is
  - How to use a web form
  - IP addresses and AS Numbers
  - BGP
  - DNS

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