

Hackathon Implementation of the CDE semantic model for ERNs

June 23rd & 25th, 10:00 – 17:00

Objective

- Co-creation of guidance on applying and using the Common Data Elements (CDE) semantic model.
- **Expected outcome:** Provide EDC developers with basic RDF knowledge that allows for implementation in Electronic Data Capture systems for ERNs' registries.

Methods and Material

- **Intro & theory** Explain the scope of the CDE semantic model and how was developed. Describe the decision-making process, justifying the choices of ontologies and relationships between entities (data elements). Clarify the status of the model and EJPRD efforts to improve it according to CDE development (i.e. addition of disease-specific data elements).
- **Hands on** – Mapping data elements from EDC systems to CDE semantic model, RDF generation and data publishing in FAIR Data Point (FDP).
- **Resources**
 - Description of the process-oriented CDE semantic model (Mark Wilkinson)
 - Mapping proprietary structures to RDF Languages (Rajaram Kaliyaperumal and Mark Wilkinson)

Program

Please click on the session names to connect

June 23rd

- [10:00 – 12:00 Kick Off Plenary Session](#)
 - 10:00 – 10:05 Welcoming (Marco Roos and Ronald Cornet)
 - 10:05 – 10:35 Real life example – Castor Implementation (Martijn Kersloot)
 - 10:35 – 10:50 *iCRF Generator Tool* (Sander de Ridder and Jeroen Belien)
 - 10:50 – 10:55 **Grab a coffee ☕ break**
 - 10:55 – 11:30 SIO Model (Mark Wilkinson)
 - 11:30 – 12:00 Prepare for hands on (Ronald Cornet and Rajaram Kaliyaperumal)
 - 12:00 – 13:00 **Lunch break (Bring-your-own 😊)**
- [13:00 – 17:00 Hands on Breakout Session 1](#); [Session 2](#); [Session 3](#); [Session 4](#); [Session 5](#)
 - 13:00 – 14:45 Hands on
 - 14:45 – 15:00 **Proper coffee ☕ break**
 - 15:00 – 17:00 Hands on

June 25th

- [10:00 – 10:30 Kick Off Plenary Session](#)
- [10:30 – 16:15 Hands on Breakout Session 6](#); [Session 7](#); [Session 8](#); [Session 9](#); [Session 10](#)
 - 10:30 – 12:00 Hands on
 - 12:00 – 13:00 **Lunch break (Bring-your-own 😊)**
 - 13:00 – 14:45 Hands on
 - 14:45 – 15:00 **Proper coffee ☕ break**
 - 15:00 – 16:15 Hands on
- [16:15 – 17:00 Wrap up Plenary Session](#)