DataPorts Platform in a nutshell

Andreu Belsa Pellicer (UPV)
DataPorts Platform Overview
11:00 – 11:05: Welcome and Workshop Presentation – Andreu Belsa Pellicer (UPV)

11:05 – 11:20: Data-driven Challenges, Opportunities in Seaports Transformation and DataPorts Project Overview – Carlos E. Palau (UPV)

11:20 – 11:25: DataPorts platform in a nutshell – Andreu Belsa (UPV)

11:25 – 11:35: Framework to manage the access to heterogeneous IoT data sources – Hector Iturra (Prodevelop, Online Speaker)

11:35 – 11:40: Data Processing Challenges: Interoperability and Data Abstraction and Virtualization – Andreu Belsa (UPV)

11:40 – 11:50: Data Analytics Services and Cognitive Applications: Automatic Model Training Engine – Miguel Bravo (ITI, Online Speaker)

11:50 – 11:55: Data Analytics Services and Cognitive Applications: Process Based Analytics – Tristan Kley (UDE, Online Speaker)

11:55 – 12:05: Data Governance – Alexandros Zerzelidis (CERTH, Online Speaker)

12:05 – 12:20: Projects Ecosystem around DataPorts – Ignacio Lacalle (UPV)

12:20 – 12:30: Interactive dialogue with the audience – Carlos E. Palau (UPV), Ignacio Lacalle (UPV), Andreu Belsa (UPV) and Christos Gizelis (OTE, Online Speaker)
DataPorts Platform

- Data Access Layer to implement interoperable services in Ports leading to cognitive applications
DataPorts Platform

- Provide Big Data Analytics capabilities to develop cognitive applications
DataPorts Platform

- Support the federation of data sources available in Ports
Guarantee and end-to-end secured and trustful environment for data sharing and trading
DataPorts Platform

Platform Service Gateway
  - IDS Connector

Data Governance Services
  - Clearing House
  - IDS Broker
  - Data Governance Rules
  - Identity Management

Analytics Services
  - Auto Model Training Engine
  - Process-Based Analytics

Data Processing Services
  - Semantic Interoperability
  - Data Access
  - Data Abstraction & Virtualization
  - Blockchain Network 4 Data Sharing

Data Sources
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Thank you!

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