

Connecting the pieces: C2CAMP

Global aspects and implementation
efforts

<https://github.com/c2camp/core/wiki>

C2CAMP?

- Cross-continental Collection Access and Management Pilot
- Idea: Build a critical mass of correlated projects across 3+ continents
 - Explore RDA recommendations in practice: Build testbeds
- Goal: Improve Digital Object management
 - Facilitate benefits for cyberinfrastructure and end-users
 - More efficient and effective data management despite increases in data volume, number of objects, variety
 - Enable usage across workflows, communities
 - Improve provenance for better trust, reuse and potentially reproducibility

The core partners



- some research infrastructures (ICOS, CLARIN, DISSCO, ENES)
- some typical data centers working closely with communities
- some HPC centers working also with communities
- some IT providers
- all grown from close RDA collaborations and joint priorities
- all agree that scientific cases are in the driving seat
- all have shown commitment and competence



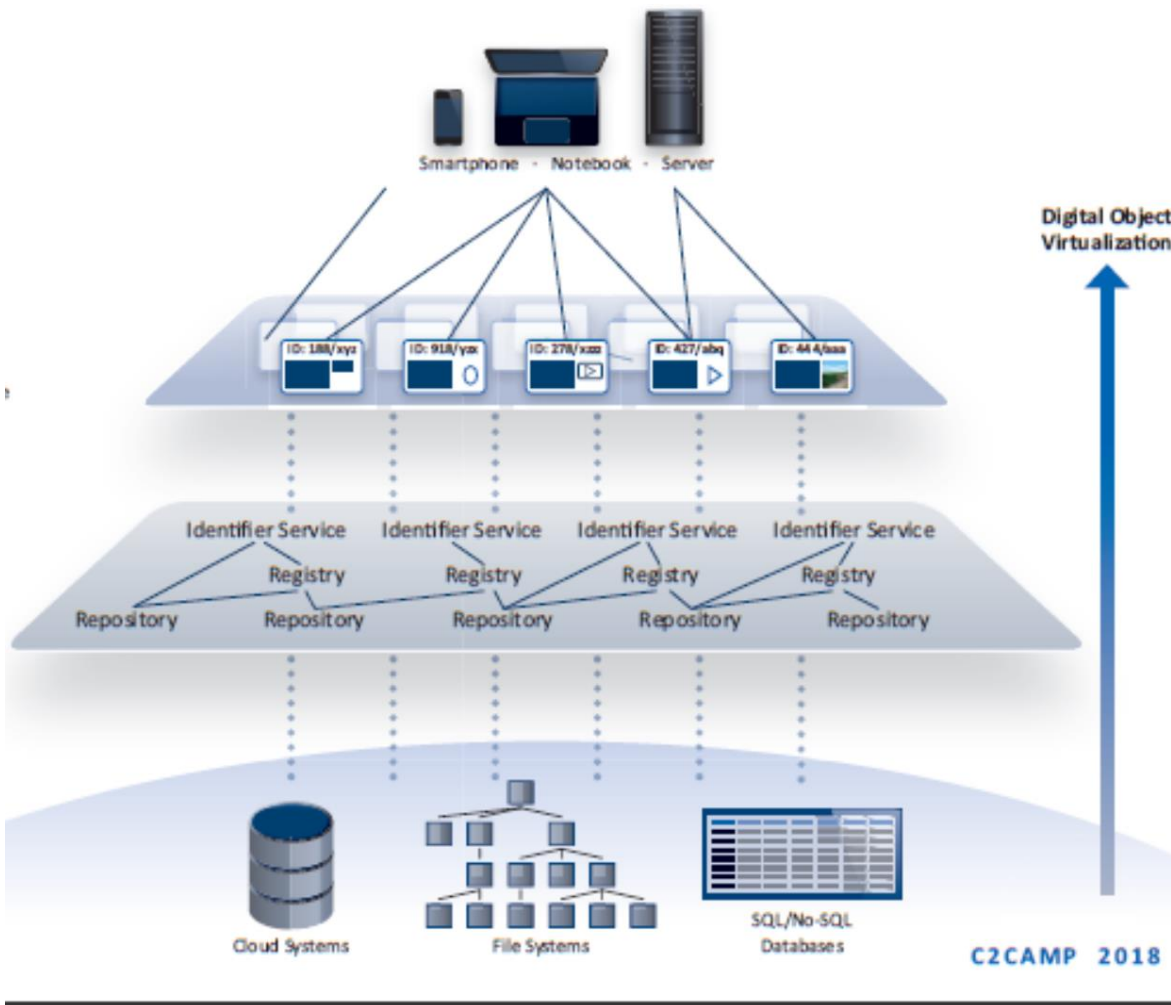
C2CAMP: Intercontinental and Interdisciplinary

C2CAMP organization

- Virtual meetings, last ones in June
- Face-to-face meetings, last one before RDA P11
- Website: <https://github.com/c2camp/core/wiki>
- Participation paper
- Discussion papers

- Coordinators: Larry Lannom, Robert Quick, Peter Wittenburg, Dimitris Koureas

Towards a DO Infrastructure



- flexible testbed to build and integrate methods based on DO concept
- come to a systematic and systemic solution for the data challenges
- be prepared for the phase of automatic processing of scientific data
- make it simple for researchers by reducing complexity and let them work in the world of DOs, i.e. working with metadata and PIDs
- integrate components specified by RDA, OAI, W3C etc.
- **Example1:** provide operators to work with DOs (move, delete, etc.)
- **Example2:** build workflows based on a types and proper provenance

Landscape of trustworthy repositories and registries based on interoperable components.

- Thank you for your attention.
- Further reading material:
<https://github.com/c2camp/core/wiki>