



Data Fabric IG or FAIR Digital Object Fabric IG

RDA P17 Costa Rica (Virtual)
April 22 2021

Co-chairs: Xin Chen, Robert Quick, Rainer Stotzka

WG Name Change

It has come to our attention that the Data Fabric WG name is somewhat confusing to newcomers. The Fabric we've historically worked within is based on FAIR Digital Objects and the infrastructure services needed to implement them.

We've formally requested with RDA to rename this group the FAIR Digital Object Fabric Working Group. This provides a more accurate description of the work being done in this group.

FAIR DO Fabric IG Introduction

- Group has existed formally since P4
- Concerned with cross-group/discipline infrastructural challenges
- Co-chairs at P16: Li Jianhui (CNIC, CAS), Robert Quick (IU), Tobias Weigel (DKRZ)
- Co-chairs at P17: Xin Chen (CNIC), Robert Quick (IU), Rainer Stotzka (KIT)
- Aims to promote the creation of an ecosystem of reusable components and approaches
- Based on an understanding of Digital Objects and PIDs as foundational technologies
- Leveraging the FAIR Principles

Supporting Output documents

Recommendations for Implementing a Virtual Layer for Management of the Complete Life Cycle of Scientific Data (2018/2020)

- Provides a high-level conceptual framework to support Digital Object management and service development
- <http://dx.doi.org/10.15497/RDA00026>

Consolidated assertions on Persistent Identifiers (2017/2018)

- Provides a cross-disciplinary collection of statements on PIDs, reflecting commonalities across disciplinary perceptions and use cases
- <http://dx.doi.org/10.15497/RDA00027>

FAIR Digital Object Forum

- <https://fairdo.org/>
- Spring 2022 FAIR DO Conference

Meeting Agenda

1. Introduction - Rob Quick
2. Introduction of new Chairs – Xin and Rainer
3. Digital Object Architecture – Larry Lannom
4. DOA Discussion – Group
5. FAIR Digital Object Framework – Luiz Benino (Video Presentation)
6. Discussion of the FDOF presentation - Group
7. Joint discussion FDOF and DOA – Group
8. Wrap Up, Monthly Meetings, and Action Items - Chairs