

Data Spaces Symposium

DATA-EX

- Federal data collaboration -

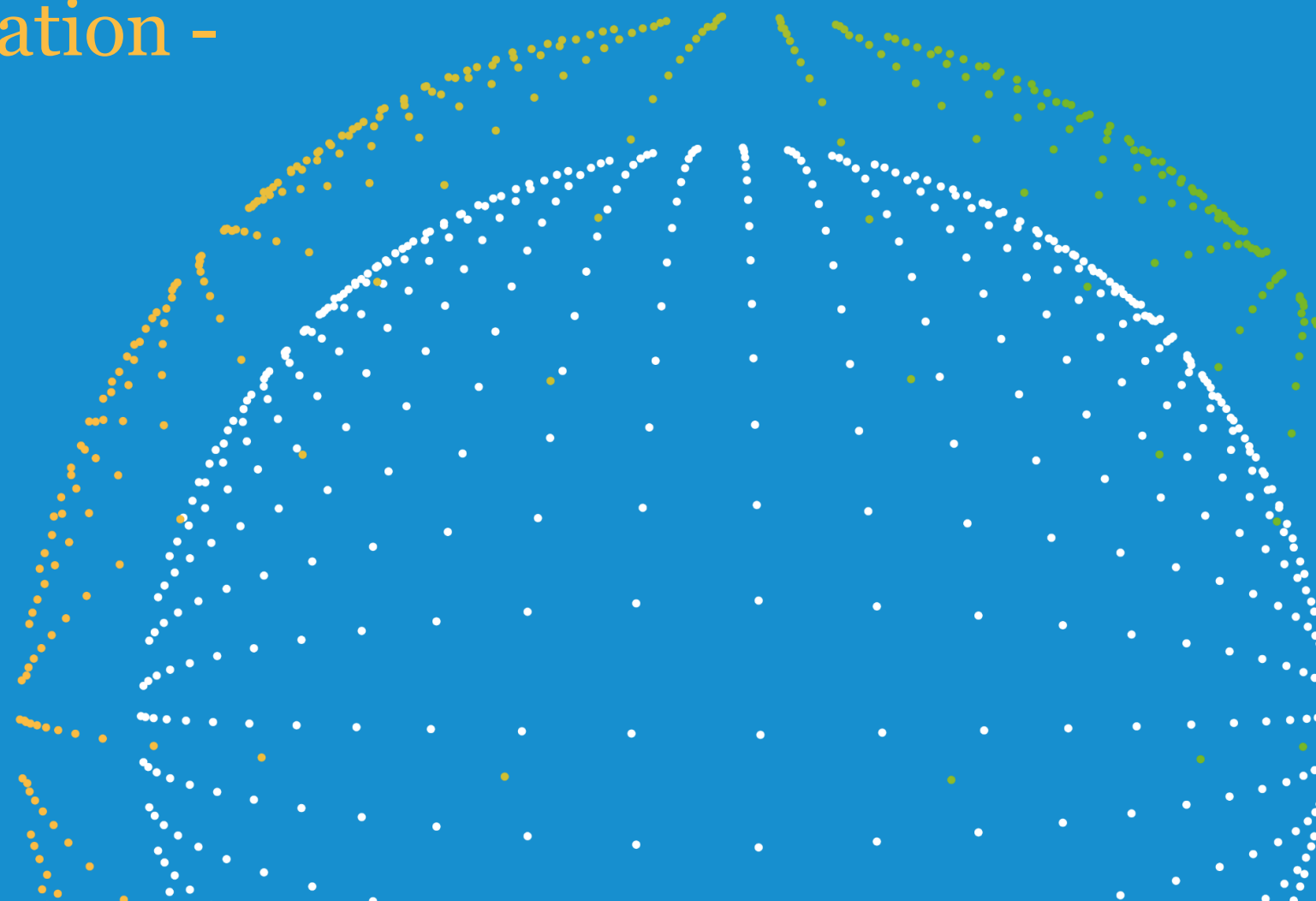
13th March, 2024

Masaru Dobashi

NTT DATA Group Corp.

Visiting Researcher of Univ. of Tokyo

Data Societ Alliance member



Masaru Dobashi: Who Am I?



Affiliations

- NTT DATA Group
- Visiting researcher of University of Tokyo
- Data Society Alliance (DSA) member

Works

- R&D, system development and consultant of Data Platform
- R&D, system development and consultant of Data Spaces, cross-enterprise / cross-industrial data sharing
- Leading global data spaces activities in NTT DATA group

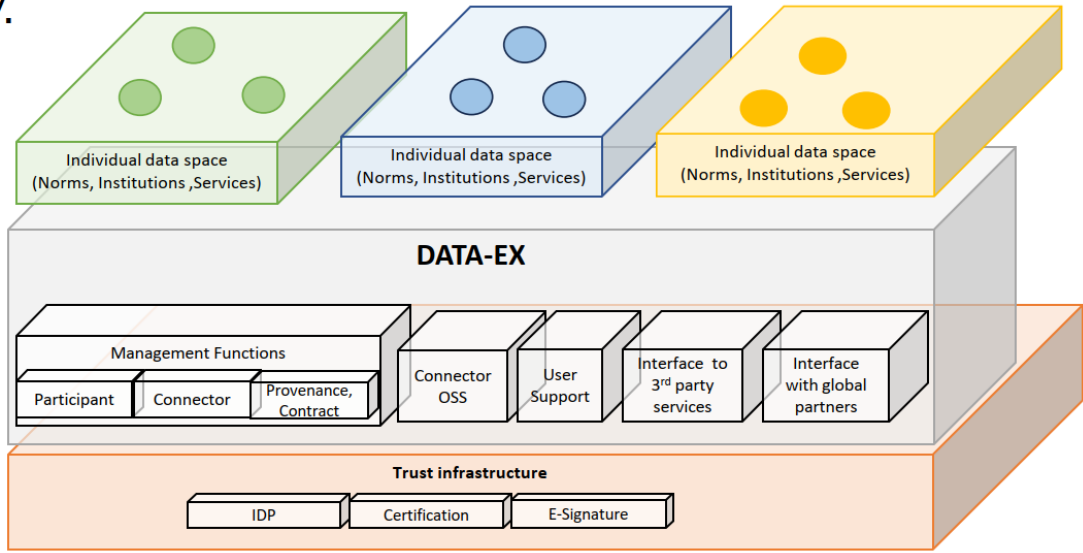


DATA-EX: Federal data collaboration

Hierarchical model of DATA-EX



- DATA-EX is a federal data collaboration mechanism connecting individual data spaces built in a particular domain.
- Participants and the trustworthiness of the data handled will be ensured by services on the trust infrastructure built and provided by a third party.



©Data Society Alliance 2023

Background:

- Our data society has a lot of existing data platforms and data spaces.

Note:

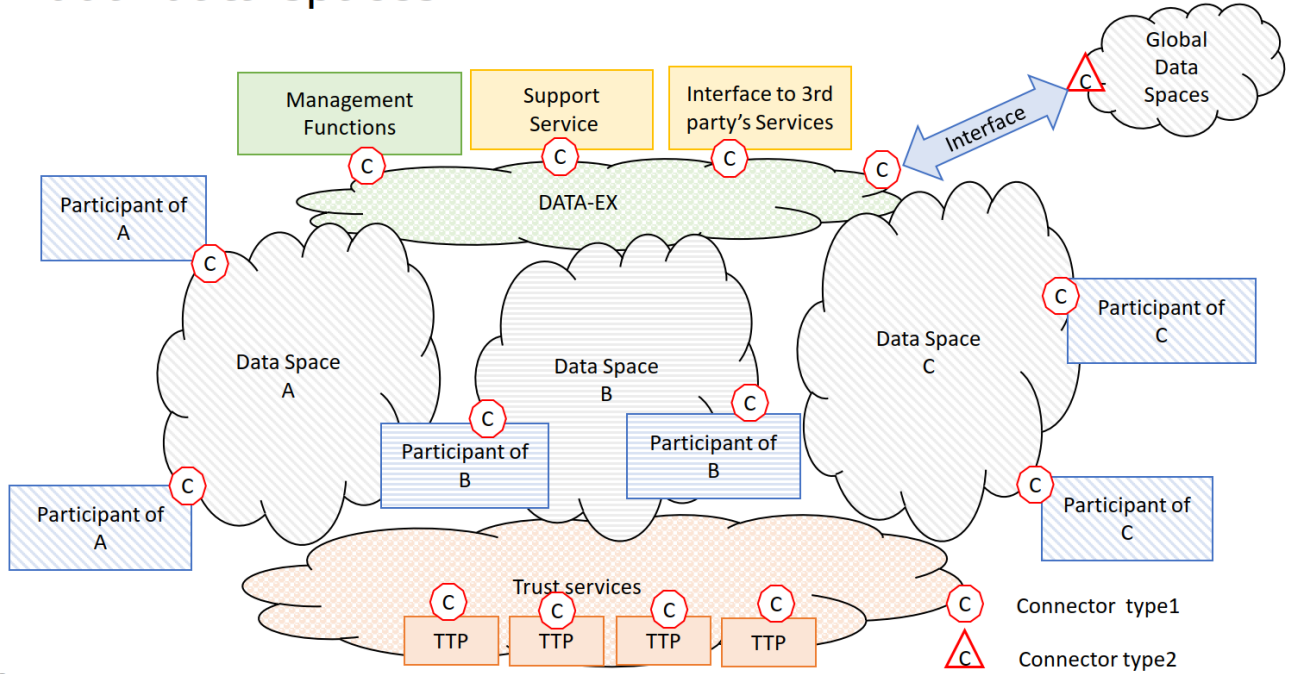
- DATA-EX and DATA-EX Operator shall not collect, store, or process any dataset.

ref) 4th International Open Forum on Data Society

DATA-EX: Federal data collaboration

DATA-EX Architecture

- A federal data collaboration mechanism connecting individual data spaces



©Data Society Alliance 2023

5

- DATA-EX aim to realize:
 - The federation of different data spaces where different participants connect to.
 - The interface of global data spaces which has different concepts and specifications.
- International Open Forum on Data Society Alignment Task Force

ref) 4th International Open Forum on Data Society

