

Where the Rubber Meets the Road The DSSC Toolbox



Michiel Stornebrink

Toolbox



Sonia Jiménez

Validation scheme

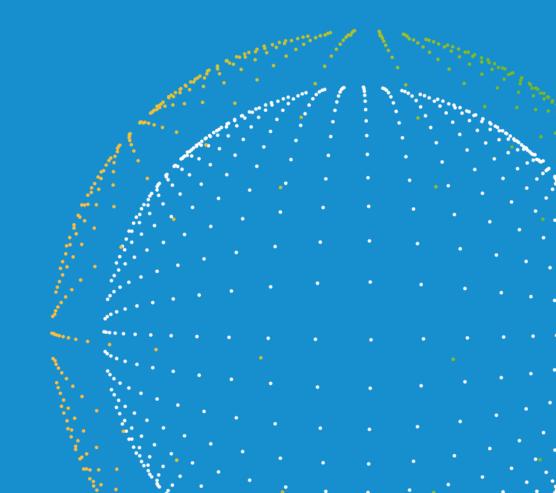


Mariano Blaya-Andreu

Announcement



Toolbox Michiel Stornebrink















Example of technical implementations of technical implementations of the contract of the contr

Implementation

- EDC connector
- VTT DISL connector
- Telekom DIH
 Connector
- TSG connector

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Component

 Participant Agent (aka Connector)

Building Block(s)

 Several covering the Data Space protocol functionalities



Example of business and organisational implementations



Implementation

 Sitra rulebook template #9 'Dataset Terms of Use'

• ...

Component*

 Data Product Contract template

Building Block(s)

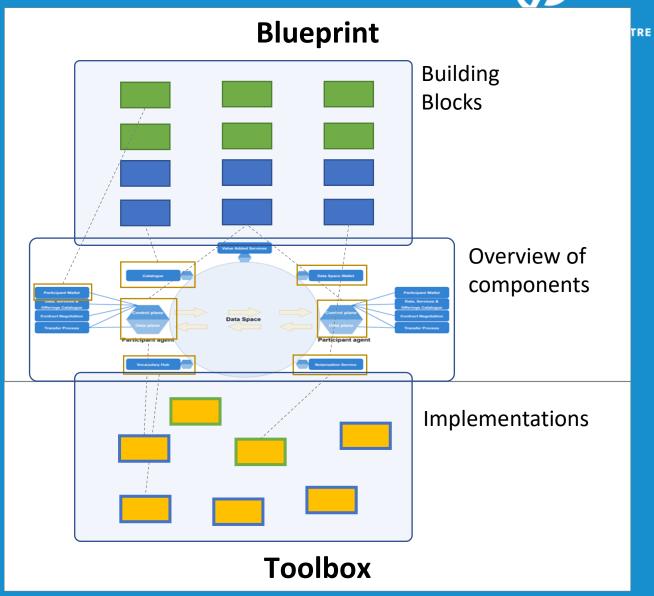
Contractual
 Framework

- Components for business and organisational building blocks
 - need to be defined (Blueprint v1.5)



Relation with the Blueprint

- Building blocks specify the dataspace functionalities
- Components specify how these materialize in the dataspace
- Toolbox lists implementations of these components



Why we need a toolbox



Dataspace participant perspective

To setup and participate in dataspaces you need solutions that are ready to use.



There are many dataspace solutions developed; we can't see the forest for the trees.



Anybody can claim to adhere to the DSSC guidance. How are you selecting a future proof option?

> That is why the DSSC will provide and maintain a curated catalogue of implementations.





Toolbox is a curated catalogue of implementations



Covers both technical <u>and</u> business & organisational capabilities as specified by the building blocks

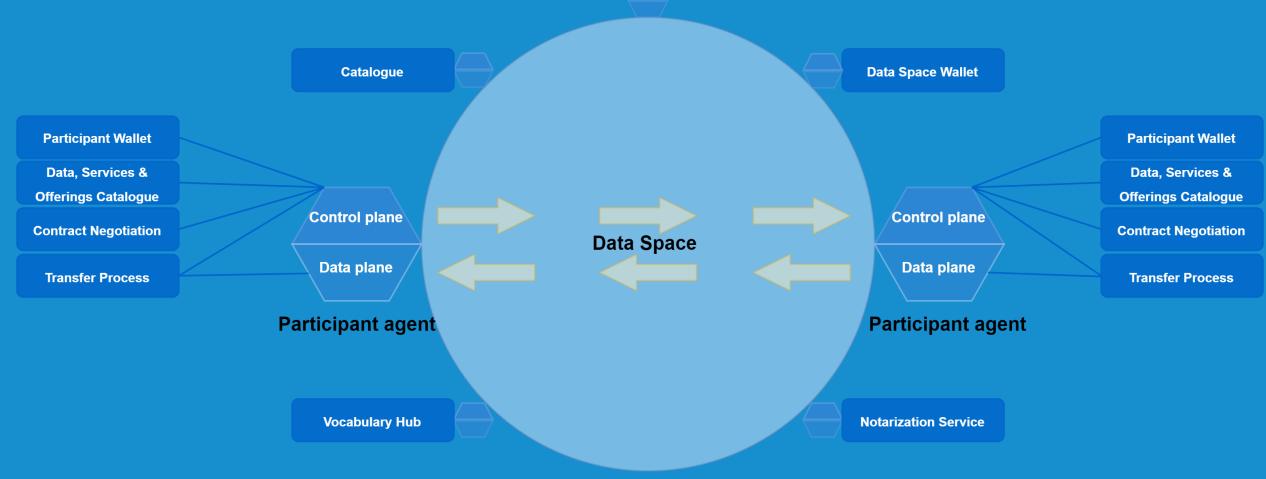
Both software <u>and</u> non-software solutions

Both open source <u>and</u> proprietary implementations

Open for any implementation that adheres to the DSSC Blueprint. This requires validation.

Phase 1: Technical components that are catalogu value Added Services





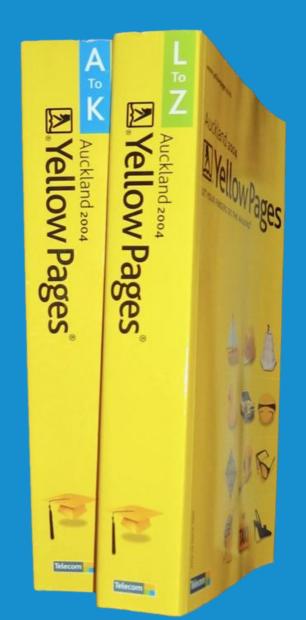
Why you want to be in there

Solution provider perspective



- Being listed in the Toolbox allows for improved findability by potential users
- Users can better position your solution because it is linked to shared understanding provided by the Blueprint









Validation Scheme

Sonia Jiménez



Validation scheme for BB implementations



- DSSC will deliver a validation and approval framework for building block implementations.
- Carried out through automated self-assessments.
- Alignment with building block specifications in the Blueprint

Building block implementations that successfully complete the self-assessment will be showcased in the Toolbox





Solution providers

- Assess technical components against blueprint specifications.
- Showcase in the Toolbox.

Data spaces authorities

Assess
 alignment of
 Data Space to
 organizational
 and business
 building blocks.

Data spaces participants

Find
 validated
 components
 in Toolbox

Process





DSSC

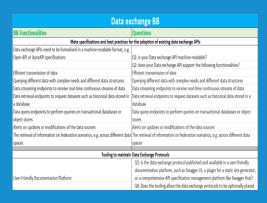
Preparation

Validation & Submission

Publication

Maintenance









Data Spaces Blueprint

Self-assessment in Jira

Toolbox

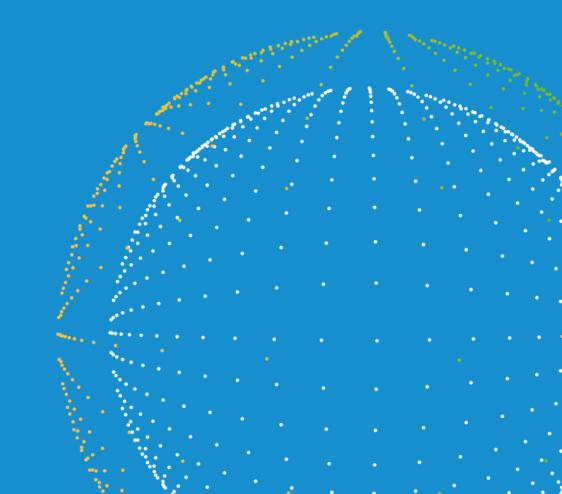
Versioning



101083412.



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As an implementer, what can I do now

Get familiar to the Blueprint 1.0

... in particular to the Building Blocks

... and the Components

... and see how your implementation matches the specifications







Blogpost
Newsletter
Insight webinar

End of April: ready for submissions

Launch of the Toolbox by autumn



Thanks!

