ATTX
Platform for Research related Linked Data
Joonas Kesäniemi
WHAT THE WHAT?
One possible graph

DMP → Funder
One possible graph

DMP → Funder

University → Project

OrgUnit
One possible graph

- **DMP**
- **Funder**
- **University**
- **Project**
- **OrgUnit**
- **Building**
- **Classification**
- **Person**
- **Usage**
- **Infrastructure**
- **Publication**
- **Dataset**
Use case

Validating DMPs

Are the files related to the DMP available for download immediately after the project has finished?
Processed

- DMP:1
- Funder
- Classification
- Classification
- Person:1
- Publication:1
- Project:1
- Usage
- Infrastructure
- Dataset:1
- University
- OrgUnit
- Building
Distributed

DMP:1 → Funder → Classification → Person:1 → Usage → Infrastructure → Dataset:1

Distributed 

Funder 

Classification 

Person:1 

Usage 

Infrastructure 

Dataset:1 

Classification 

Building 

OrgUnit 

University 

Project:1 

Publication:1
X marks the spot

- Linked data broker
  - Published data + Data services
- ATTX project
  - 8/2016 – 12/2017
  - Funded by the Ministry of Education and Culture
  - Helsinki university library
  - Project manager Joonas Kesäniemi
**ATTX Service (POC)**

- Use case driven
  - Research data
  - CRIS data
  - IR data
  - any data
- Adding value to the existing research related data
  - Identifiers

**LODStock technology**

- Open source project
- Components for building your own data platform
- Implemented features depend on use cases
- Containers and clouds
Features

- Flexible and up-to-date data
  - BYOD (bring your own data model)
  - Different views to the same data
- Processing
  - Data generation and validation
- Provenance
  - Complete and available
- Distribution
  - Robust, scalable and easy to use APIs
Join the fun

Different ways to participate

“Let’s do this!”

“I have a great idea”

“What is going on?”

Gain

Pain
Joonas Kesäniemi - joonas.kesaniemi@helsinki.fi

THANK YOU