

The Finnish open science and research initiative

Abstract

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The Ministry of Education and Culture of Finland is responsible for the overall coordination of developing open science and research in Finland. The Open Science and Research Initiative (ATT) is steered to make Finland one of the leading countries for openness in science and research by 2017, and for the opportunities afforded by open science to be extensively used in Finnish society. Open Science and Research Initiative has been designed so that it will increase collaboration and trust capital in Finland. To achieve this, we are

- 1) Involving the potential users groups, they can jointly co-create the services, so that different stakeholders can together design and experiment different sub-elements,
- 3) Building interoperability between the different sub-elements (and other initiatives like EOSC) can be based on open interfaces between those sub-elements and semantic interoperability between all the scientific fields
- 4) Decentralized data storage and analyses with interoperable metadata enables independence from infrastructure
- 6) Consequently, the architecture of the ATT will be organically created, capable of adapting and flexible enough to allow shutdown of subsystems no longer needed without new funding-needy infrastructures

The collaboration includes targeted working groups, training activities, seminars, forums and specific task forces.

The status of research organizations open operational culture was evaluated several times (<http://openscience.fi/openculture>).

Now we are at the final stage of the initiative, and can discuss the results of the initiative.

