

IAM4NFDI – JARDS Incubator

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Abstract:

IAM4NFDI supports a variety of different Incubator projects, these are small integration and consulting projects, in which the IAM4NFDI team supports communities in implementing AAI use cases. In this talk we would like to showcase one of these incubator projects “JARDS”.

JARDS is a widely used platform where researchers can apply for resources such as storage space or computation time in the context of NFDI4Ing, NFDIMatWerk and NHR. The applications are reviewed in a scientific-led, multi-stage review process. After the approval, the researchers gain access to the resource and can manage the project members within the RegApp. To achieve this, information about approved projects and users is required within the RegApp. This role can be fulfilled by an external Attribute Authority, which allows the RegApp to gain additional information from a secondary system, like JARDS.

Within the Incubator project the RegApp, as one of four CAAI solutions, is setup for logging in to JARDS. Additionally a result of the project is, that it is now possible to allow attribute queries from the community AAI solution to JARDS through a well-defined interface using the SAML protocol. This thereby allows the enrichment of the user information within the RegApp or connected services. JARDS thereby serves as a demonstrator on how to integrate external applications as Attribute Authorities into the community AAI.

The results of the incubator proposal can directly be used within the production system to improve the connection between the systems while at the same time increasing the security of the solution. Similar solutions could also easily be adapted in other services within the NFDI consortia, which could benefit from enriching the data that is provided by the RegApp.

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