RESEARCH ASSISTANT / THESIS
Exchange of data between different ELNs

Background:

At the Institute for Applied Materials (IAM) of the KIT, the open-source software Kadi4Mat (*https://kadi.iam.kit.edu*) is being developed in the context of several research projects. Kadi4Mat is a virtual research environment whose goal is to support researchers in efficiently managing, analyzing and reusing research data.

Your Task:

The objective of this project is to enable interoperability between different ELNs which agreed upon exporting the resources in a specific format. Corresponding export and import features are to be implemented for the further development of Kadi4Mat. This includes the development of import functionality in graphical user interface of Kadi4Mat with different import types.

Corresponding implementations are integrated into Kadi4Mat. The tasks includes for example, development of graphical user interfaces and dealing with different metadata schemes.

Requirements:

Knowledge of Linux and git are advantageous, as well as Python and/or common web technologies (JavaScript, CSS and HTML), depending on the area of application.

We offer:

- Comprehensive support
- Modern workstations and high-performance computers as a working environment.
- Productive and dynamic atmosphere in a team
- Cooperation with international research groups
- Career prospects as a junior researcher

Interested?

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