

Efficiency and Integrity: Harnessing registry.awi.de for Enhanced Metadata Management in Environmental Research

Tuesday 10 October 2023 10:50 (20 minutes)

In the field of polar and marine environmental research, a diverse array of items including instruments, platforms, models, custom-built facilities, and lab equipment are routinely employed. This results not only in substantial volumes of collected data, but also generates a wealth of accompanying metadata.

In this talk, we highlight the practical utility of registry.awi.de —an authoritative repository within the o2a framework —dedicated to managing essential information concerning platforms, devices, and sensors. We showcase registry.awi.de's efficacy through practical applications in everyday tasks, underscoring its role in preserving item provenance, streamlining data processing, and serving as a central knowledge repository.

Moreover, the study underscores the potential benefits derived from automated workflows and various methods of interfacing with the registry. This multifaceted approach not only simplifies administrative aspects but also enhances overall research efficiency, ensuring the integrity and accessibility of critical metadata while harnessing the advantages of data automation.

Please assign your contribution to one of the following topics

Metadata annotation and management close to the research process

Please specify "other" (stakeholder)

In addition please add keywords.

automation
information system
best practice

Please assign yourself (presenting author) to one of the stakeholders.

Data professionals who provide and maintain data infrastructure

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