Submission of poster for Munin Conference 2015

Title of poster:

Reference models for e-infrastructures and related research data management: A use case from Austrian Universities

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Abstract:

One goal of e-Infrastructures Austria, a project involving Austrian universities and non-university research institutions, is to find strategies for managing research data. We established a network of experts from libraries and IT services to develop architecture for efficient e-infrastructures and related reproach data management.

Based on our experience from years of running a repository project for research data, we have developed models for designing e-infrastructures for research data management. This model helps us to design technical and non-technical services for preserving data. In this poster, we will present ways of defining the world of data, workflows for data preservation and models for defining roles in the entire process.

These models help to structure different aspects for data preservation based on each data type. It is necessary to have different solutions for the different kinds of needs that researchers may have, whereas there must be alternate solutions for preventing sensitive data from being misused when handling petabytes of data.

About the author:

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Raman Ganguly started to work as a software developer in 1997. In 2008 he graduated at the University for Applied Science in St. Pölten in Media Technology. Since 2011 he is the head of the department Software Design and Development at the Vienna University Computer Center and is responsible for the technical development of digital archiving and creating concepts for long-term preservation of digital objects.