Title: Digital Objects and the RDA Data Fabric Approach

Abstract:

The heterogeneity of data hampers its exchange and reuse already now and a dramatic further increase can be assumed for the future, such that in the Research Data Alliance many different topics need to be addressed. In order to find a more systematic overview especially the RDA Data Fabric Group chose the approach to describe mayor building blocks as they occur within data management and processing inside laboratories with data intensive work. As fundamental building blocks the data itself, stable references to its location, a minimal set of metadata to ensure basic pre-processing and decision making, and references to more comprehensive metadata were identified. This talk describes this RDA approach itself and also how these fundamentals are structured and refined in other RDA groups in order to provide standards and best practices for complex data management technologies and even prototypes and implementations.