

Conference Abstract

Plenary Discussion - Future of Collection Management Systems

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Abstract

The DINA Symposium (“**D**igital information system for **N**atural history data”, <https://dina-project.net>) ends with a plenary session involving the audience to discuss the interplay of collection management and software tools. The discussion will touch different areas and issues such as:

(1) Collection management using modern technology:

- How should and could collections be managed using current technology – What is the ultimate objective of using a new collection management system?
- How should traditional management processes be changed?

(2) Development and community

- Why are there so many collection management systems?
- Why is it so difficult to create one system that fits everyone’s requirements?
- How could the community of developers and collection staff be built around DINA project in the future?

(3) Features and tools

- How to identify needs that are common to all collections?

- What are the new tools and technologies that could facilitate collection management?
- How could those tools be implemented as DINA compliant services?

(4) Data

- What data must be captured about collections and specimens?
- What criteria need to be applied in order to distinguish essential and “nice-to-have” information?
- How should established data standards (e.g. Darwin Core & ABCD (Access to Biological Collection Data)) be used to share data from rich and diverse data models?

In addition to the plenary discussion around these questions, we will agree on a streamlined format for continuing the discussion in order to write a white paper on these questions. The results and outcome of the session will constitute the basis of the paper and will be subsequently refined.

Keywords

discussion, collection management, software development

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