



Training

Unified presentation environment for 3D. Let's set up DFG 3D-Viewer!

Chairpersons:

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Description and Motivation:

This workshop is a hands-on session into the DFG 3D-Viewer, the 3D extension of the DFG Viewer project, which is currently under development by an interdisciplinary team from SLUB Dresden, University of Jena and Hochschule Mainz. Designed to enhance accessibility, standardization, and collaboration, the DFG 3D-Viewer is a research infrastructure to preserve and aggregate 3D models from cultural heritage institutions and research projects. To empower the community to use the DFG 3D-Viewer, participants will gain insights into the technical and practical aspects of implementing this open-source solution.

The session begins with an introduction to the DFG 3D-Viewer, highlighting its capabilities and the benefits of its adoption. The setup of the DFG 3D-Viewer will be explored in detail, including its GitHub-based resources, implementation methods, and a hands-on demo. Participants will see the potential of the platform for various use cases and learn how to establish their own instance, leveraging its robust functionality.

The workshop delves also into critical data requirements, including supported file formats (XML, METS/MODS, GLB/gITF) and metadata standards, before exploring real-world data examples that showcase key functionalities. Key features, such as viewers, metadata display, and embedding options, will be demonstrated, combined with a focus on data validation will demonstrate tools and techniques for ensuring datasets meet the required standards. The session concludes with a discussion of data backup strategies and aggregation guarantees.

Target Audience:

This workshop is designed for professionals in libraries, archives, and cultural heritage institutions, as well as maintainers of 3D repositories who are seeking to enhance their digital preservation strategies. It is particularly relevant for those involved in managing, standardizing, and aggregating 3D datasets and metadata, as well as for researchers, IT specialists, and project managers who aim to integrate open-source tools like the DFG 3D-Viewer into their infrastructures.

Keywords:

3D models, DFG 3D-Viewer, data preservation, 3D viewer

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(Subject: Registration Training "training title").*