Universität Basel

Publication

Implementing a Video Framework based on IIIF: A Customized Approach from Long-Term Preservation Video Formats to Conversion on Demand

This paper addresses the issue of elaborating a structure for digital video assets based on the International Image Interoperability Framework (IIIF) concepts for the use in archival environments. With a view to tailoring a solution to fit the end user's needs, the dissemination copies of video material could be automatically converted on demand from their master files. Such a reduced data structure simplifies access to digital video sources but leads as well to simplified preservation due to reduced data volume and data complexity. Dissemination copies do not require specific dispositions for digital archiving anymore. Memory institutions would greatly benefit from a technology that can be integrated into a Web-based infrastructure. In such a way video content can for example be embedded into flexible Virtual Research Environments which allow scholars to work and cite more accurately video resources using IIIF.