

Semantic Issues in Cultural Heritage: Archiving and Managing Digital Content in the Foundation of the Hellenic World

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The Foundation of the Hellenic World is active on various fields of the Cultural Heritage, especially on those related with digitization. Textual and visual cultural content is produced for different purposes and uses, ranging from printed books and exhibitions to web sites and virtual environment components. There are nearly all the known types and formats of digital files and material: digital images, video & audio files, multimedia and texts for the web (both in structured and unstructured format), digital maps, drawings and 3D items, etc. Furthermore the FHW possesses some large collections of physical objects like coins, books, toys, clothes, and family memorabilia, which require a specific treatment and which are currently under digitization.

In storing and managing all these types of cultural (mostly but not exclusively historical & archaeological) content we faced two main challenges. The first one concerns the semantic compatibility of various sectors of research, information and creation. The second one being the functional interoperability of the various administrative systems, produced gradually during the last years for the management of each specific kind of content.

Our poster will focus on the textual, audiovisual and geo-informatic material, their hyperconnection and simultaneous management through three interoperating and integrating systems, trying to keep pace with the latest advances of the semantic web.