

Development, Annotation and Protection of Digital Archive “Bulgarian Folklore Heritage”

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Abstract. The key to prosperity in today's world is access to digital content and skills to create new content.

Investigations of folklore artifacts is the topic of this article, presenting research related to the national program „Knowledge Technologies for Creation of Digital Presentation and Significant Repositories of Folklore Heritage” (FolkKnow).

FolkKnow aims to build a digital multimedia archive "Bulgarian Folklore Heritage” (BFH) and virtual information portal with folk media library of digitized multimedia objects from a selected collection of the fund of Institute of Ethnology and Folklore Studies with Ethnographic Museum (IEFSEM) of the Bulgarian Academy of Science (BAS).

The realization of the project FolkKnow gives opportunity for wide social applications of the multimedia collections, for the purposes of Interactive distance learning/self-learning, research activities in the field of Bulgarian traditional culture and for the cultural and ethno-tourism.

We study, analyze and implement techniques and methods for digitization of multimedia objects and their annotation. In the paper are discussed specifics approaches used to building and protect a digital archive with multimedia content. Tasks can be systematized in the following guidelines:

- Digitization of the selected samples
- Analysis of the objects in order to determine the metadata of selected artifacts from selected collections and problem areas
- Digital multimedia archive
- Socially-oriented applications and virtual exhibitions artery
- Frequency dictionary tool for texts with folklore themes
- A method of modern technologies of protecting intellectual property and copyrights on digital content developed for use in digital exposures

Keywords: Digitalization, Digital archives, Security of data, Metadata, Frequency dictionary