

Popular traditions in the Carpathian basin

The aim of the project is to complete a determined professional system for the long term from the point of view of Hungarian ethnography research.

In our country, ethnography research looks back on great traditions and has a comparatively low level information support system at its disposal. The MTA Ethnography Research Institute's circle of work is the collation and registration of material. The institute is in charge of basic thematic research within the scope of that field of knowledge. Whereas the data processing of the institute is traditional, several research areas gave up the paper based approach. The difference between the types of processing systems and the majority being out-of-date resulted in the hindrance of precise and efficient research work as well as by its isolated operation.

One of the primary goals of this development is the creation of a database system in line with current regulations in force for the institute. The other primary goal is to model and to prepare a professional system based on these databases. We would like to make the prepared work accessible via the Internet ensuring the conditions for the ethnography researchers and amateur users for research works and information retrieval.

The scientific goal of the research work is to apply up-to-date informative technology tools, the Artificial Intelligence (AI), which so far have not been applied and omitted. Such an approach to this topic is unique in the entire world. Internationally this professional system, which would be established as a result of the research work, could be a shining example. Besides the unique method of approach, the tools planned to be used are state of the art as well. Going beyond the traditional informative technology we plan development in the direction of technologies supporting browsing on the Internet and intranet.

The basis of the professional system will be the professional databases planned within the scope of this project. Built on this is the informative system, modelling the most useful thinking types and problem-solving algorithms of an experienced and professional expert of the suitable topic. This is the way that the logic of the expert is put into a schedule of tasks that can help the work of other (and perhaps not so well experienced) researchers in similar fields of work. This system will create through computer-personal communication the connections and research methodology, which the user could only achieve otherwise through long and tiring research work.

Though the project in its actual phase is not aiming to focus on long distance system application, when creating the structure in harmony with our future plans, we will consider the opportunities of such a development in the future.

The system's structure:

