



# Scientific and Technical Information

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## Summaries

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TAKÁTS, B.: **One alternative of providing digitised microfilms: two-layer PDF** ..... 3

Some of the county libraries in Hungary have received a grant support to purchase digitised copies of the microfilms of local newspapers published at the late 19th and early 20th centuries. The grant also covered the purchase of special software for further processing the images prepared by the national library, i.e. for enabling full-text searching, using bookmarks etc. The article reviews the main operations to be executed by these software products, and summarises the knowledge required to perform related tasks. As a result of the project, the grant winner institutions will be able to provide on the internet such materials which have till now been accessible with difficulties and in a circumstantial way only.

BÁTFAI, N. – BÁTFAI, M. E.: **Virtual librarian at the Debrecen University to assist researchers to submit manuscripts**..... 10

The authors have started to create an AIML (Artificial Intelligence Markup Language)-based Hungarian-language chat robot to assist researchers in submitting scientific manuscripts, especially to journals in computer science. Their broader aim for the future is to analyse the experience with the knowledge base under development.

Using this chatterbot in library reference service is worth considering, as regards both the online catalogue and the library homepage. The chat bot was named after a Hungarian king, Könyves Kálmán (Coloman, the Book-lover). It could help to transmit general, library-related information and could present library services via an interactive interface; thus patrons could contact a virtual librarian on a 24/7 basis.

DÁVID, A. – DRÓTOS, L.: **Scrutiny of Hungarian databases. Film libraries 2.** ..... 15

In the series "Scrutiny of Hungarian databases" independent experts evaluate various Hungarian online content services from the point of view of their use by libraries.

