Reference Management

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Guest article: BIBLIOSERVER – the next step in bibliographical software

In cooperation with Estonian libraries OÜ Tarkvarastuudio has developed the BIBLIOSERVER website for publishing bibliographical databases on the Internet. On the BIBLIOSERVER website http://www.biblioserver.com users can create personal accounts, allowing them to upload and publish bibliographical databases on the Internet. In order to provide improved data browsing and navigation functionality BIBLIOSERVER automatically creates indexes of authors, keywords and sources for the uploaded material. Record search options include search by author, title, source or complex search on all data fields. Several databases can be searched simultaneously. Records are stored using Unicode format to ensure the correct interpretation of mixed alphabetical material. For complete description of BIBLIOSERVER's functionality please read the following overview:
http://www.biblioserver.com/index.php?m=features .

Currently the BIBLIOSERVER service is provided only for viewing bibliographic material. Our partner libraries in Estonia are using customized version of this software, which allows the input of bibliographic records and direct data management via Internet. This kind of solution grants the following benefits:

- improved teamwork
- no need for additional software for data input;
- no technical complexities concerning export/import of databases;
- one software solution for bibliographers and readers.

DEA (Digitized Estonian Newspapers)

DEA, http://dea.nlib.ee , is an ongoing project in cooperation with National Library of Estonia, http://www.nlib.ee/inglise/indexi.html . The aim of the project is to digitize historical newspapers and publish them on the Internet. As a result around 1 million pages of 14 different newspapers published between 1857 and 1920 will be available on DEA website. Until now this material was available for public usage only on microfilms. The application employs calendar-based material browsing and several image viewing tools such as image zoom and rotation. At the moment the user interface is in the Estonian language.

Online links:

BIBLIOSERVER
Sample Biblioserver database
http://www.biblioserver.com/sample

Databases of Academic Library of Tallinn
http://digi.ear.ee/biblioserver/index.php?lan_to_set=eng

Databases of Estonian Literary Museum
http://www.tarkvarastuudio.ee/kirmus/index.php?

DEA (interface is in Estonian language):
Sample of calendar based interface
http://dea.nlib.ee/index.php?get=1&lid=1&byea=1900

Sample of image browsing interface
http://dea.nlib.ee/fullview.php?pid=s111508&nid=7305&frameset=1

GRAFO (interface is in Estonian language)
Photo album "Estland"
http://www.tarkvarastuudio.ee/grafo/index.php?ID=209

Sample list of digitized books
http://www.tarkvarastuudio.ee/grafo/

Books about Tartu city history
http://www.tartu.ee/grafo/

Additional information:
Unicode
http://www.unicode.org/standard/WhatIsUnicode.html

GRAFO (website solution for digitized books)
GRAFO, http://www.tarkvarastuudio.ee/grafo , is a website solution for browsing digitized books online. Around 200 books, i. e. 18 000 pages taking ca 10 Gb of disk space have been processed so far. Old and rare books from collections of several libraries and museums have been published on GRAFO website.

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