Digital Preservation: The Bare and Unique's Longevity

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Using the reach of internet rapidly changes in the Information environment, the outstanding existence of new technologies makes its appearance and acts with the main aim to support, exploit and distribute information services' content. The principal goal of the poster is to present an important piece of work of two powerful organizations in Greece which create digital cultural content and concerning the management and the utilisation of valuable information resources. On the first hand, National Library of Greece is the biggest public Information entity and on the other hand, Lambrakis Press SA, which consists one of the biggest private publishing work. Be Implemented to different technological platforms and they have the capacity to elaborate with multilingual texts which need to be preserved and accessed by different kind of users from all over the world.

Projects >>

Basic stages of a newspaper digital library creation

Newspapers' collections

- Quality
- Quantity
- Conservation of collections from detrimental problems
- Digital indexing of the newspaper leaves
- Collecting digitised through a specific programme of images scanning
- Articles' cataloguing
- Insert all of the essential metadata
- Emerged data standards
- Digital objects' repositories
- Articles indexes
- Articles indexes
- Data management bases
- Search and retrieval systems developed
- Ultimate purposes: the digital material's release in the Internet, the end users access to this material and finally the organised articles' repository, so as the full text, the OCR text and the metadata to be offered to the users on limits, and as much as possible with greater speed, precision and completeness.

Technical Description

Scope:
- Digital objects' repositories
- Bibliographic data
- Image data
- Method of optical character recognition
- Accessible and exploitable material

Method:
- Optical character recognition (OCR)
- Software
- Method of optical character recognition
- Accessible and exploitable material

Chances - Possibilities

1. Mixture Greek and Latin characters
2. Support of various types of writing
3. Creation of special symbols
4. Localization and change of word, department of word and line of characters
5. Comment on automatic layout
6. On-line help
7. Simultaneous production of different bases - segregation of fields
8. Creation on each period LUCI file that will contain summary, dates of beginning, code operator e.t.c.
9. Batch-job Pre-Indexing
10. Automatic segmentation of pages in text and graphic
11. Automatic localization of many entries
12. Creation of contacts between concrete forms (eg forms that include 1 article in continuance)
13. Recognition of information
14. Thumbs through Electronic Pages of Form

Importance

- Existence of additional functional range for the recognition examined or numbers of characters
- Distribution of cultural archival material
- Special characteristically palaeographical databases
- Benefits from completed and also organized electronic Information services
- Recognition and distribution of innumerable Modern Greek forms