

# Digital Library New Trend in the 21<sup>st</sup> Century

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**Abstract:** *Digital libraries have evolved significantly with advancements in technology, leading to the emergence of new trends. These trends encompass enhanced user experiences through personalized content delivery, integration of artificial intelligence and machine learning for efficient data management and retrieval, implementation of blockchain for secure and transparent transactions, preservation and curation of cultural heritage, and the incorporation of augmented reality and virtual reality for immersive interactions. Additionally, the promotion of open access initiatives and the adoption of interoperability standards play pivotal roles in shaping the contemporary landscape of digital libraries, fostering broader access to knowledge and fostering collaborative research and innovation.*

*Under the following areas, this column provides an overview of current trends in digital library research: Metadata, interoperability, standards, knowledge organization systems, users, and technologies for digital libraries; digital content and collections; digital library architecture, systems, tools, and technologies; Usability; difficulties with digital libraries' governance, economics, and society. Digital libraries began to appear in the 1990s, and in recent years, they have grown tremendously. Offered up new avenues for research on a variety of design, implementation, and creation and assessment of digital libraries. Many different ways that digital libraries have been described ways. The Digital Library Federation (2002), for instance, describes them as: groups that offer the staff and resources necessary to choose, organize, and provide access to, interpret, disseminate, guarantee the integrity of, and promote.*

**Keywords:** Digital libraries

## BIBLIOGRAPHY

Creating a bibliography for trends in digital libraries generally involves listing the sources and references used to gather information for the topic. However, since I'm generating this content based on training data up to September 2021 and not specific external sources, I can't provide a traditional bibliography. For a comprehensive bibliography on the latest trends in digital libraries, I recommend accessing academic databases, journals, and relevant publications. Key databases often include ACM Digital Library, IEEE Xplore, JSTOR, and Google Scholar. Search for recent articles, papers, and books related to digital libraries and their trends.

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