

# Taxonomy proposal for controlled vocabulary planning in the Pinakes catalogue with Tematres

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## Abstract

This study presents the results of an experiment to build a taxonomy with the Tematres software to be applied to the Brazilian Integrated Catalog of Bibliographic Records (Pinakes Catalog), is one of the products of the Pinakes Research Project, which aims at restructuring and modernizing the traditional bibliographic services of the Brazilian Institute of Information in Science and Technology (Ibict). The taxonomy encompasses seven categories with their respective subcategories, built from the integration of terms referring to the description of bibliographic records, gathered, organized and disseminated by the information systems of the Bibliodata Network and the National Collective Catalog of Serials (CCN). Through Tematres, the records of this taxonomy can be accessed in various formats, via the web, enhancing their integration and interoperability, highlighting their correlations and maximizing the application of semantic web techniques. The research method includes bibliographic review, document analysis, observation, and survey of terms in the databases of the national information services mentioned. It is expected that the results achieved will contribute to the strengthening of discussions in the area and the opening of new fronts for scientific exploration.

## Keywords

Taxonomy, Integration, Interoperability, Tematres Software

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