

Portal Da Informaçao

An Integrated Multimedia Digital Library

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The solution adopted by Universidade Federal do Parana integrates in the same Portal (Portal da Informacao) 32 electronic magazines, over 2.000 thesis and dissertations, 500 hours of videos made by University's Television and the conventional catalog (over 400.000 Titles). The electronic magazines are implemented in OJS (Open Journal System), the Image and Thesis Digital Library uses Dspace and the conventional catalog uses Virtua, with its open source OAI compliant distribution, Vortex. All those softwares are integrated to insure a centralized search.

Thesis and Video Creation:

When a new thesis or video arrives to the University Catalog it is cataloged by the Library System with conventional record in Marc 21 and uploaded into Virtua. Then the Marc 21 record is converted into XML Dublin Core and automatically inserted in Dspace where an electronic identifier is created. Finally, the librarian uploads in Dspace the Digital file (Pdf Format) and inserts the digital identifier in the Marc 21 record. The XML/DC meta-data is harvested in the Dspace server. This approach insures the visibility of all digital objects, a centralized search, the meta-data quality (the record is created by an experimented librarian). All those activities are performed avoiding new tasks on library system activities.

Scientific Article Creation:

The meta-data that describes scientific articles are created by the magazine's editor and the electronic identifier is generated by the Open Journal System software. The meta-data is then reviewed by a librarian that will insert into Virtua.

The "Portal da Informacao" address is www.portal.ufpr.br

