



Managing OA Multimedia Multitype Digital Documents in the OpenDLib Digital Library Management System

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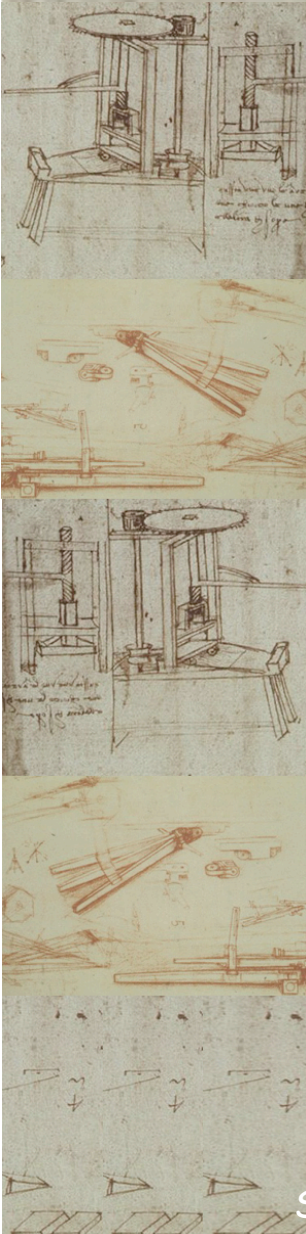
Pisa - Italy

What is a digital library?

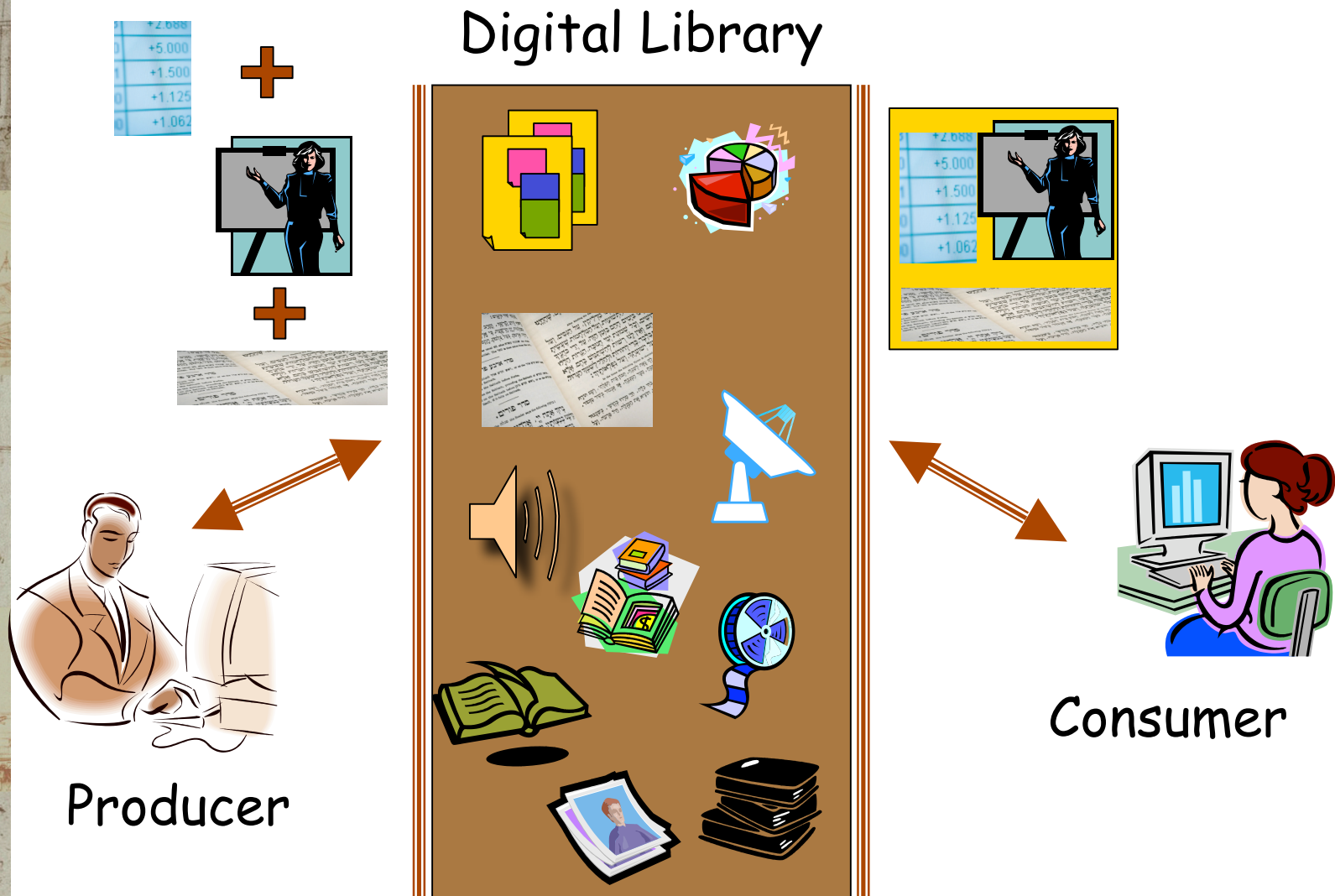
"A digital library is an **institution** that performs and/or supports (**at least**) the functions of a library in the context of a **distributed, networked collection of information objects in digital form**"

Nicholas Belkin
Eight DELOS Workshop
Stockholm, 1998

The functions of a library powered by OpenDLib

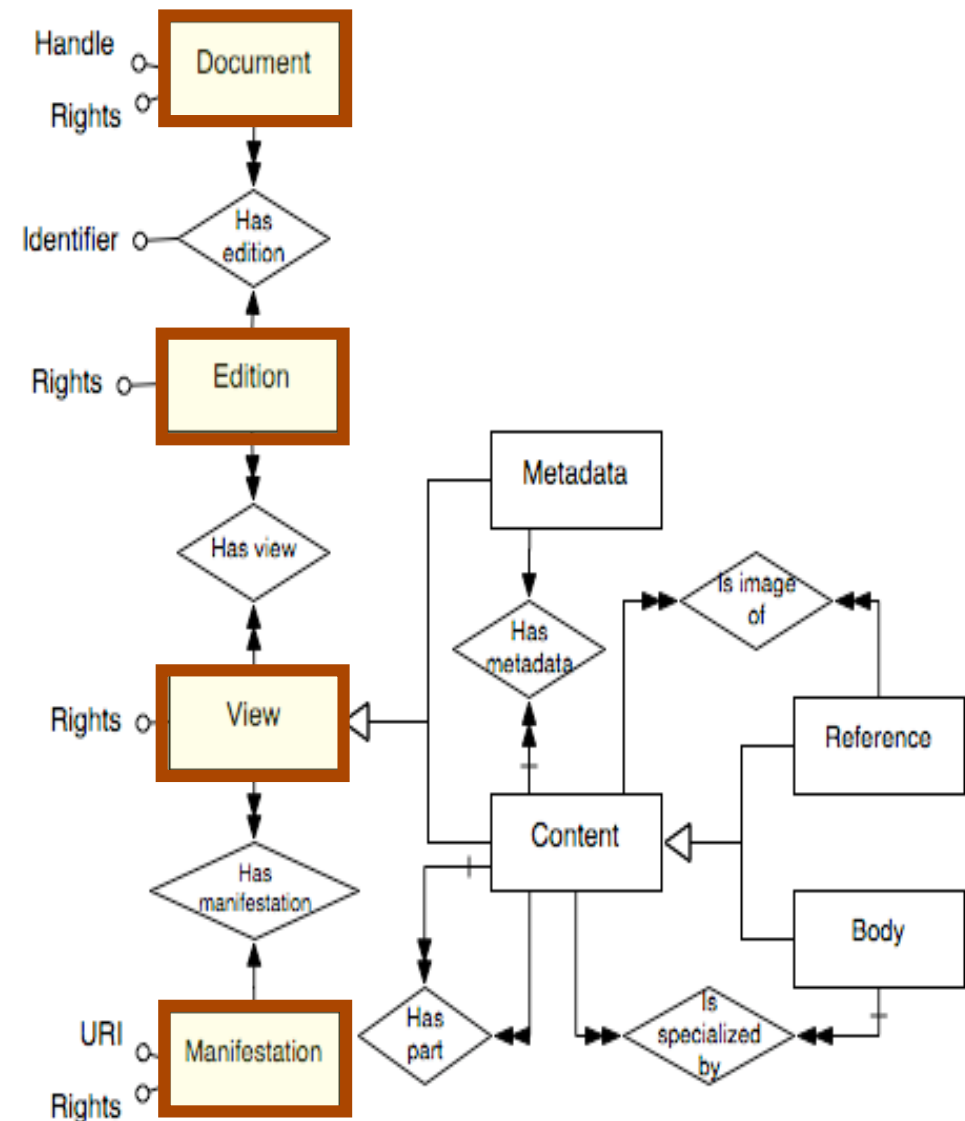
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- ❖ Selecting, collecting, preserving, organizing, representing, providing controlled access to, ensuring knowledge of, and disseminating information objects
 - ❖ Mediating and supporting interaction between information users and information objects

OpenDLib as a communication means



DoMDL as logical document model

DoMDL represents structured, multi-editions and multimedia documents that can be composed and disseminated in multiple manifestation formats



DoMDL in one shot

❖ Document

Dante Alighieri "La divina commedia"

❖ Edition

Ridotta a miglior lezione dagli accademici della
Crusca 1595

Images

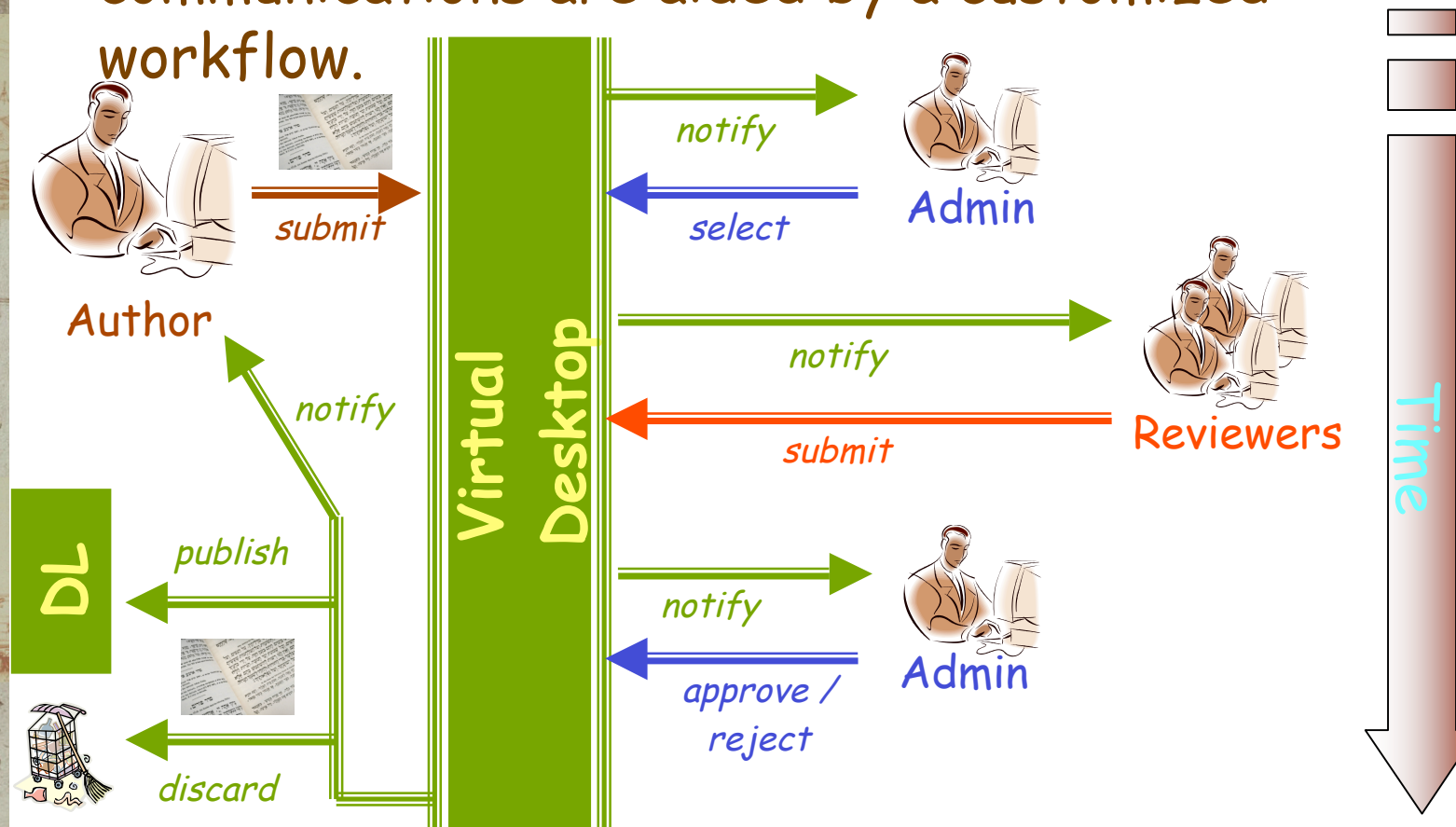
❖ View

❖ Manifestation



OpenDLib services for self-publishing

Allow authors, reviewers, and administrators to access a virtual desktop where all the communications are aided by a customized workflow.



Submit Service

Allows authors to easily deposit documents and provide them with descriptive, structural and administrative metadata.

- ❖ Create, update and submit new documents
- ❖ Create, update and submit new editions of already published documents
- ❖ Make revision of documents already published
- ❖ Withdraw documents from the repository

Review Service

Allows to access documents and easily produce on line reviews.

- ❖ Access the document on-line
- ❖ Create, update, and submit evaluation
- ❖ Access to parts of the evaluation expressed by other reviewers
- ❖ Access to relevant cited bibliography

Administration Service

Allows the DL Administrator to have a general view of the status of all the documents submitted for publications by different authorities, and to manage them accordingly.

- ❖ Access the document on-line
- ❖ Edit the metadata
- ❖ Assign to a reviewer
- ❖ Compose a number of documents to publish a proceedings or a journal
- ❖ Approve/Reject

Final Remarks

The OpenDLib system exploits the DoMDL model by decoupling the storage layer from the application layer.

- ❖ A document is really composed by several files
- ❖ Multiple metadata formats can be associated with the same document
- ❖ A manifestation can be stored inside or outside the DL system
- ❖ A set of rules to download, deliver, transcode or display define the rights on the document views
- ❖ The author can benefit from an integrated desktop to self-publish his document
- ❖ The end-user can transparently access complex documents that are automatically assembled by the system

More Info

Thank you

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www.opendlib.com