MPG eDocument Server

Building an institutional archive for the Max Planck Society

2nd Workshop on the Open Archives Initiative (OAI): Gaining independence with e-prints archives and OAI

Gerhard Beier

17 Oct 2002

Heinz Nixdorf Zentrum für Informationsmanagement in der Max-Planck-Gesellschaft

The Max Planck Society

- The Max Planck Society for the Advancement of the Sciences is an independent, non-profit organization based in Germany
- Organized in 80 institutes dedicated to basic research in the areas of natural science, social science, the arts and humanities
- Institutes are "autonomous and independent" in the choice and fulfillment of their research commitments
- Research results must be published.

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Aims of eDoc-Server

- Creation of one stable location where scientific information produced by the Institutes is preserved and disseminated
- Making easily accessible all the research results of the MPG via web based services
- Contribution to a worldwide emerging scholarly communication system
- Guarantee integration of institute specific archives in the eDoc-Server MPG via OAI metadata harvesting

Project Vision

Increase the visibility of the intellectual output of the Max Planck Society and facilitate the management and dissemination of scientific information in digital form by Max Planck researchers.

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Concept of the MPG eDoc-Server

- Global structure - local administration
- Different access levels to documents are assigned in order to use eDoc as
  - institutional archive
  - publishing tool for research - e-print
  - workspace for working groups
- Different user roles are needed (moderation, peer-reviewer, institute director) dependent on the project goal
- Submission of all scientific document types is supported

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eDoc is embedded in a larger framework

- OAI data provider
- Metadata set can be dumped down to Dublin Core
- Integration of MPG-SFX-Server for fulltext retrieval or advanced services
- Exportfilters for personal or institutional use (BibTeX, Reference Manager, Endnote)
- interface to CMS used by the MPG to generate print publications

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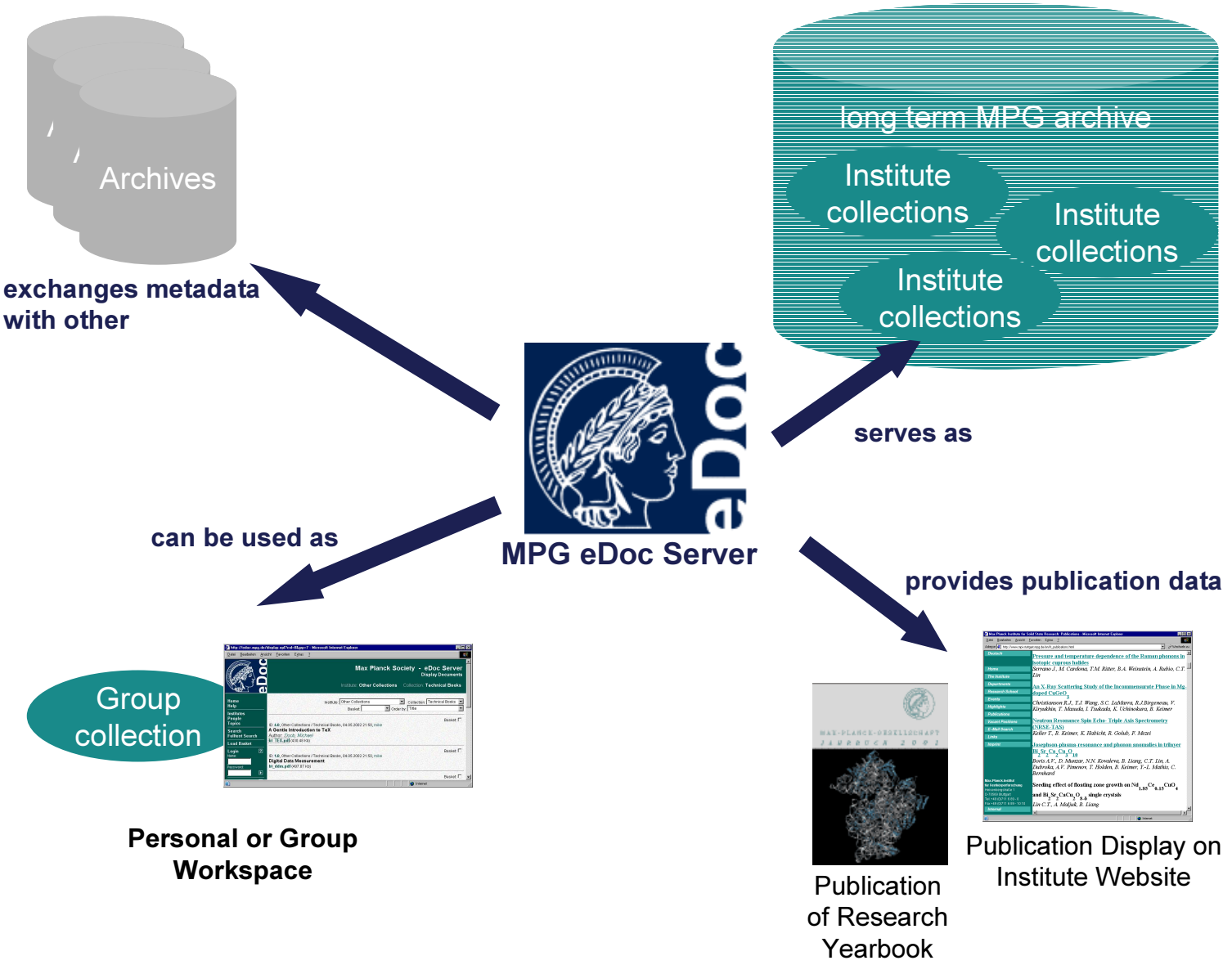
One System for Multiple Institutional Purposes



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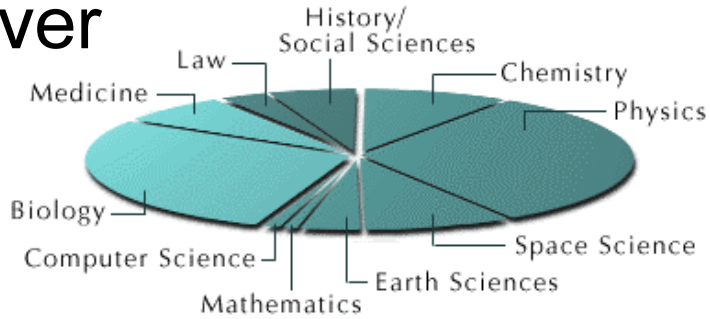
Conceptual Challenges

- Cross-disciplinary attempt to set up an eDoc-Server



research areas in the MPG

- fulfilling the requests of 80 different institutes and different community approaches to scientific information

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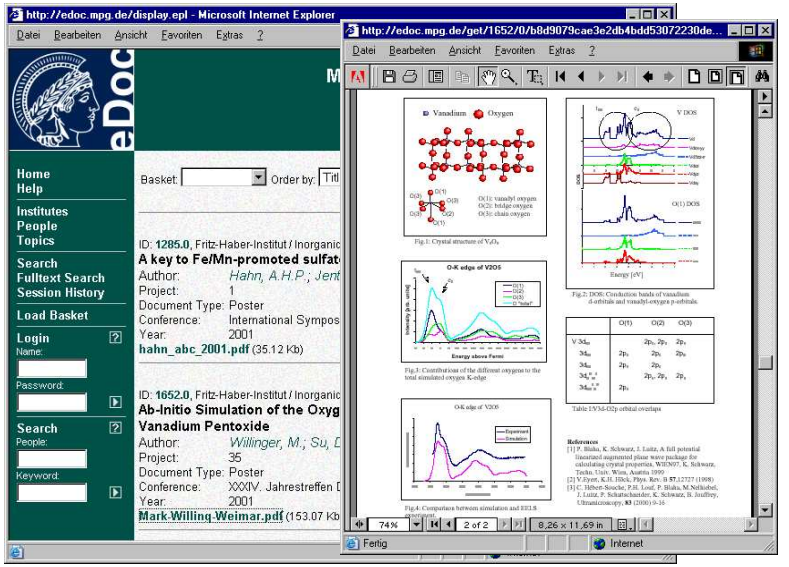
Examples for institutional usage

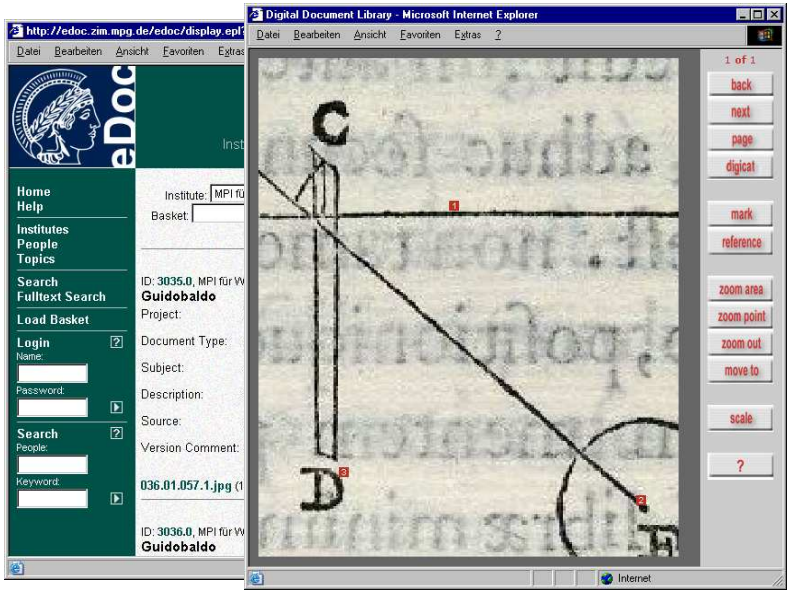
Natural Sciences

Archiving of bibliographical data, articles (fulltext), posters etc.



Humanities

Integration of DigiLib-Viewer to annotate digital images



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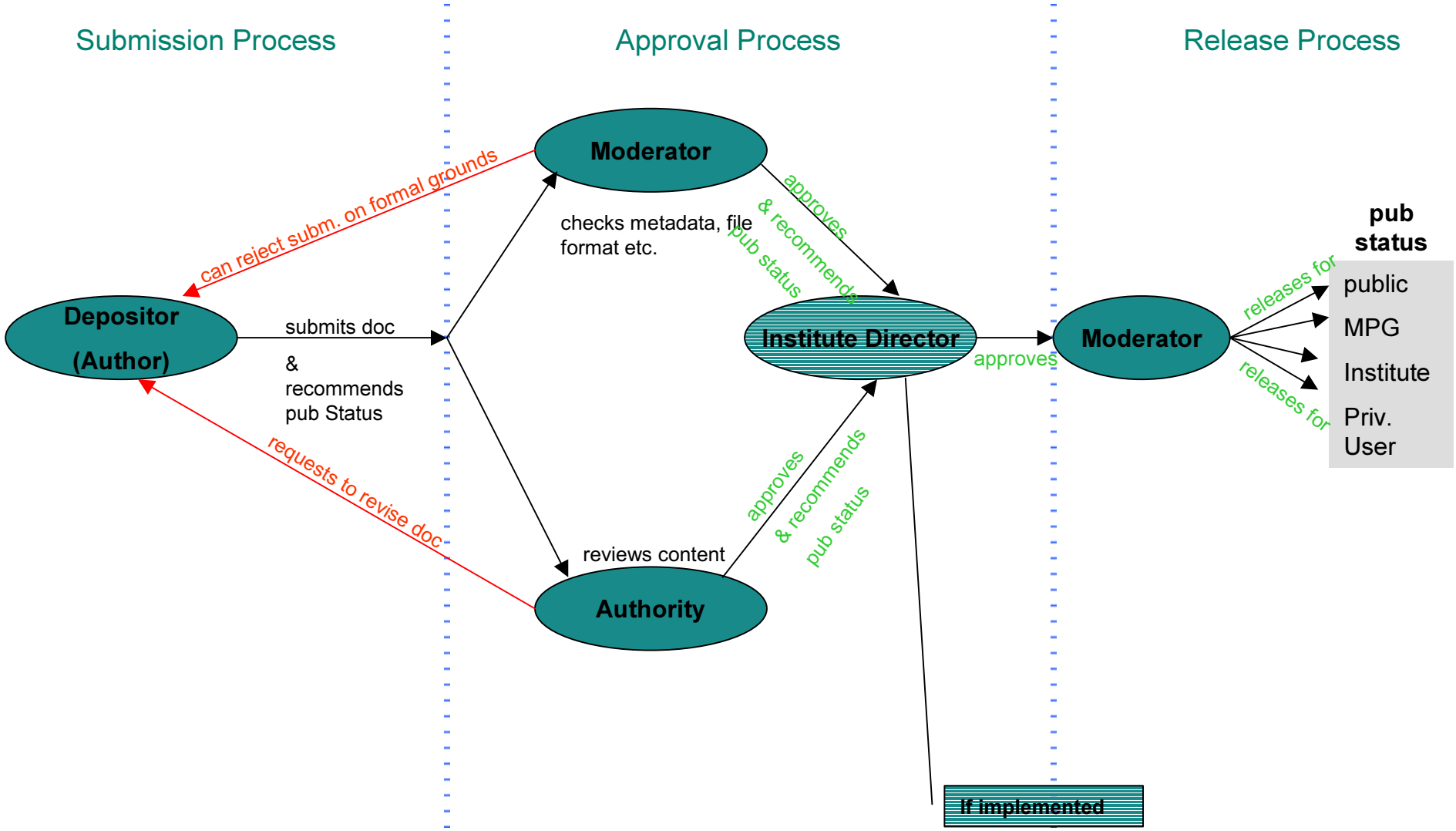
Simplified Workflow



Status Report

- First prototype ready for use (developed by Fritz-Haber-Institute)
- Early adoption by 6 pilot-institutes
- Refinements and new concepts in the process of implementation by the ZIM

- Production system for publication data of all institutes to generate annual report scheduled for January 2003

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Future Challenges

- Defining an overall classification for the eDoc-Server which suits all research areas
- Enlarging the core model of metadata and document type classifications to the needs of specific communities
- Rights policy for documents stored on the eDoc-Server
- MPG-wide publishing policy

Thank you for your attention!

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