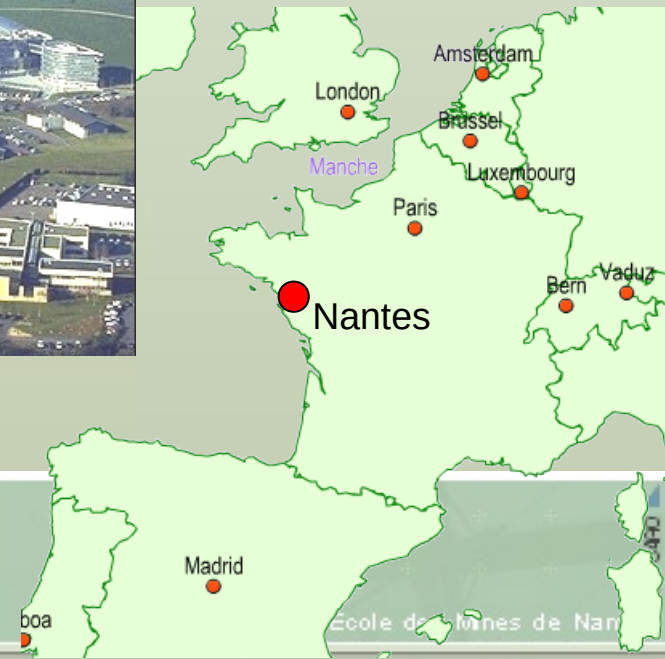


A study of teachers and researchers practices with digital documents - grey or not

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A digital library platform...

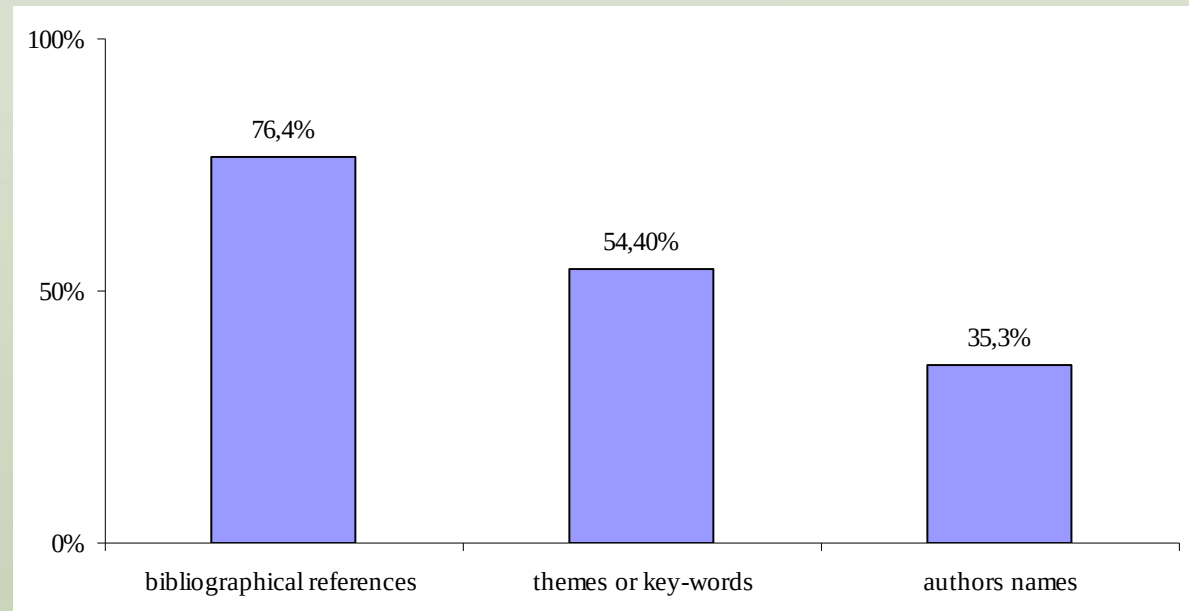
- EMN, IRISA, Xerox : 2001-2004
- CASTOR (CApitalization & STORAge)
 - open-archive platform
 - (local) institutional repositories
 - managed by librarians
- store, convert (XML), fully index, manage, perpetuate, valorize and distribute digital documents

A study...

- Understand the documentary practice of lecturers and researchers
- Take a census of users needs
- Evaluate the future users ability to adopt the digital library system
- 78 lecturers and researchers
- 5 departments:
 - Automatic control and industrial engineering
 - Energetic and environmental engineering
 - Computer science
 - Subatomic physics and associated technologies
 - Human and social sciences

Q1. The beginning of an information retrieval

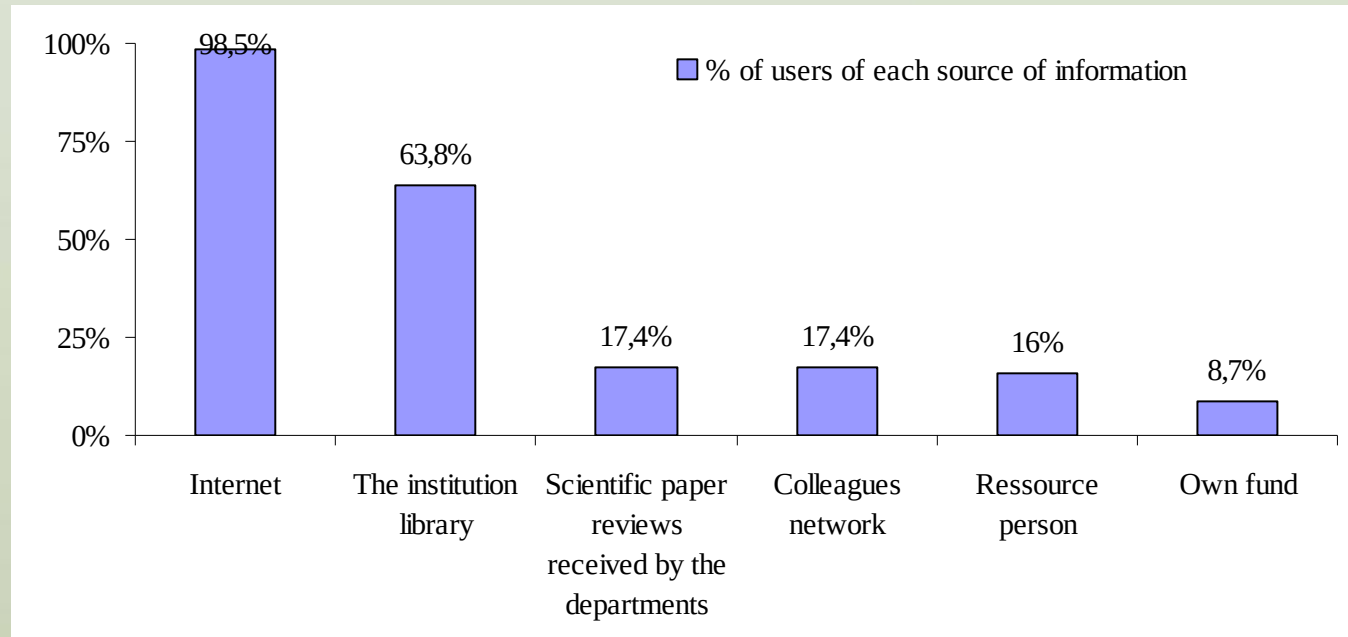
% of lecturers and researchers starting an information retrieval with name(s) of author(s) and/or key-word(s) and/or bibliographical reference(s)



- major preoccupation in users information seeking tasks

Q 2. The information sources

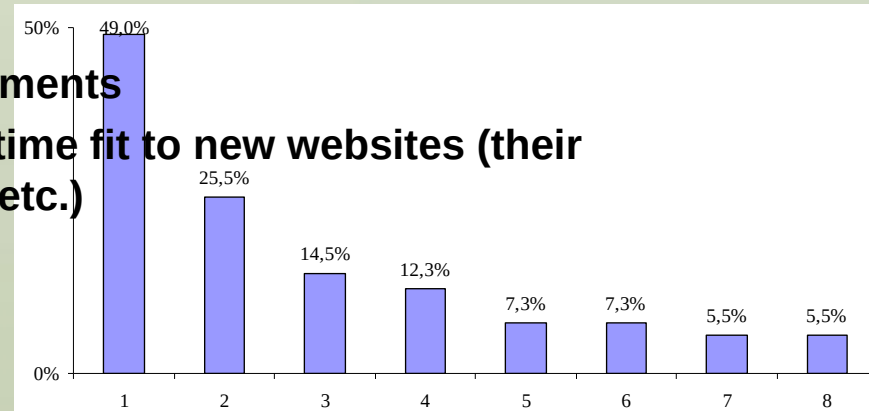
the main information sources



- intermediate step between Internet and books-shelves
- simple but widely open system

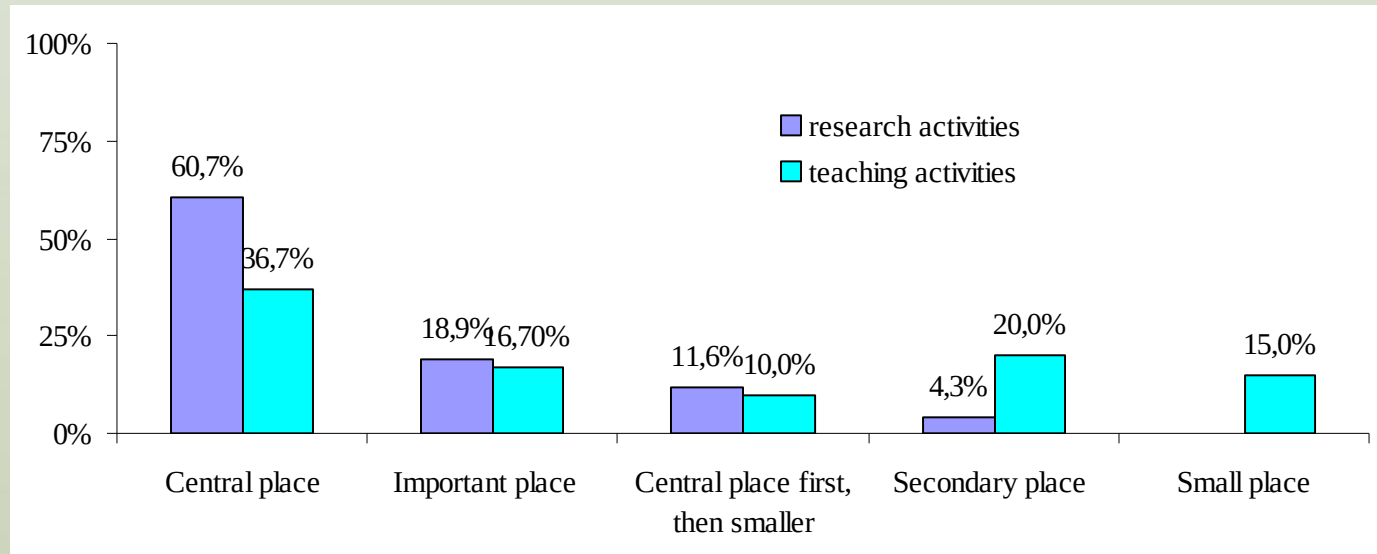
Q 3. The troubles with information retrieval

1. The lecturer and researcher doesn't find anything he wanted
2. The search leads to too many answers, not always adapted, in the middle of which relevant information is drowned
3. The lecturer and researcher feels a lack of search for information method
4. It takes a long time to search for information
5. The user is confronted with a lot of technical problems (to access to Internet, to display documents, etc.)
6. The problems begin when the lecturer and researcher wants full text documents
7. It's difficult to find a few years old documents
8. The lecturer and researcher must each time fit to new websites (their structure, the search engine operation, etc.)



➤ efficient information retrieval : notice + full text search, navigation

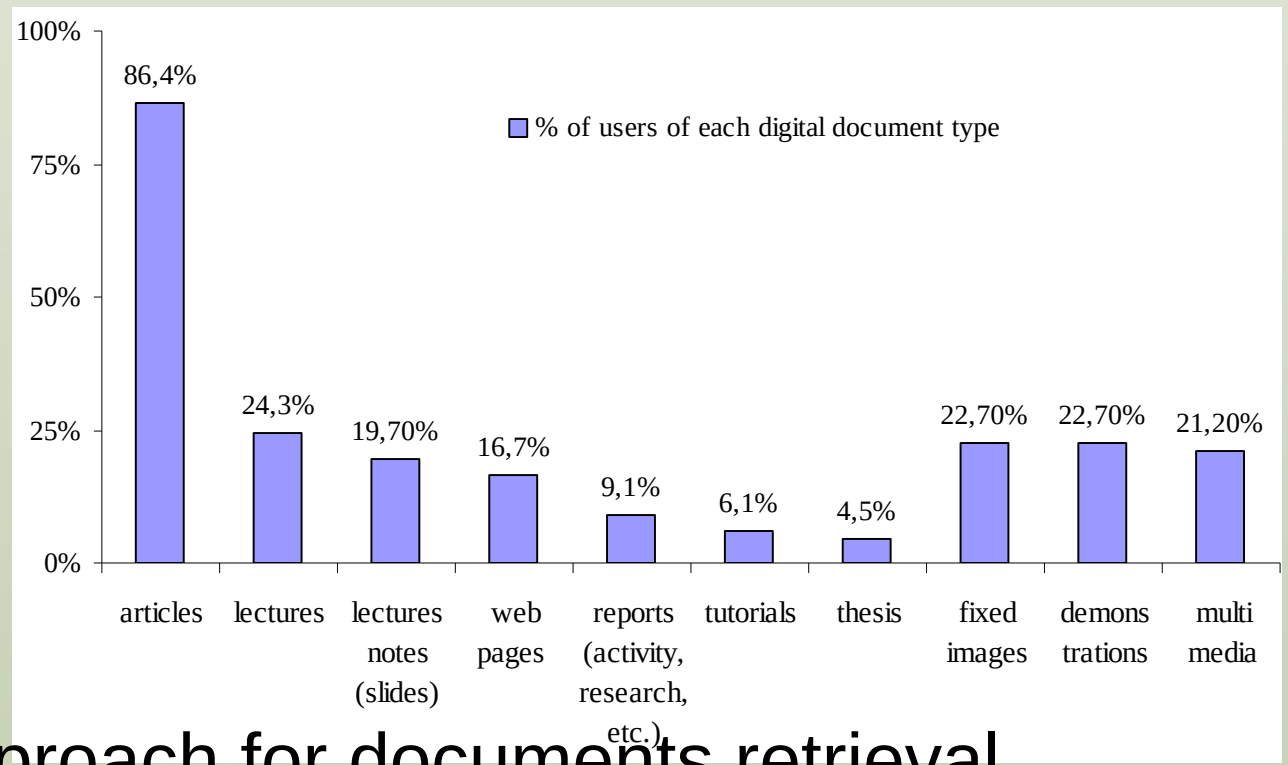
Q 4. The importance of documents in the research and teaching activities



- understand the evolution of their information environment

Q 5. What sort of documents do the researchers and lecturers use ?

types of digital document used

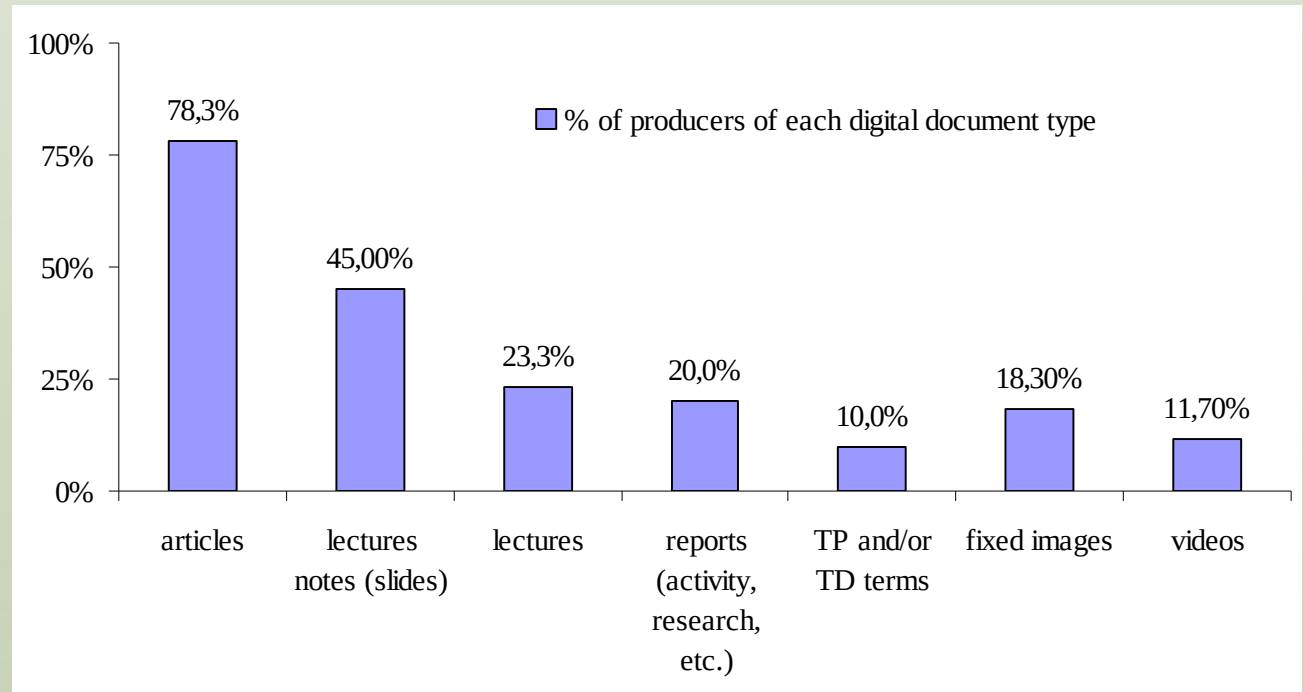


➤ general approach for documents retrieval



Q 6. What sort of documents do the researchers and lecturers produce?

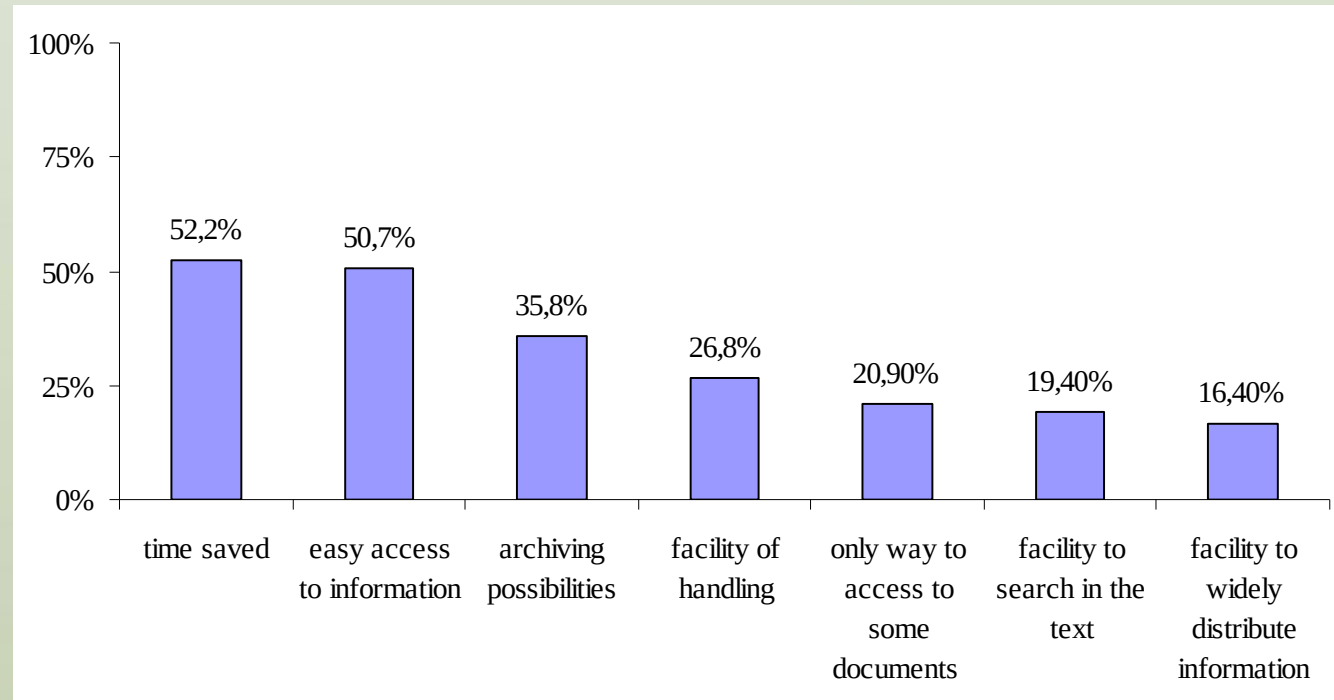
the types of digital documents produce



➤ awareness of document conservation

Benefits and lacks of digital documents according to searchers-lecturers

the main benefits of digital documents



➤ useful services ?



Documentary expectations and needs

- + Find easily the research documents produced in their institute
- + Rationalize the information access inside the institute
 - + The content must not only be rich and relevant but also structured in a clear and appropriate way
- + ease of use is a priority
- lecturers and researchers partly ignore their rights about the distribution of their documents
- Paradoxal attitude about document production

Conclusion

- Strong impact on project orientations
- Portait
 - sedentary information seeker
 - focused on the resources of his/her own computer
 - grey literature plays a main role in his/her research or teaching activities
 - partly unsatisfied
 - overwhelmed with information
 - lacks of method for information searching
- The current situation remains positive



The screenshot shows the CASTOR platform interface. At the top left is the 'castor' logo. To its right is the copyright notice 'Copyright © 2003, Ecole des Mines de Nantes'. Below the logo is a navigation bar with five tabs: 'Accueil' (with a house icon), 'Mes Documents' (with a book icon), 'Mes Collections' (with a stack of books icon), 'Mes Groupes' (with a group of people icon), and 'Mes Préférences' (with a heart icon). The user 'cdumas' is logged in, indicated by a small profile icon. On the left side, there is a vertical menu with buttons for 'Soumettre', 'Naviguer', 'Rechercher', 'Valider', and 'Se déconnecter'. The main content area features a large white box with the heading 'Bienvenue !' and the subtitle 'Prototype du projet Bibliotheque Numerique'. Below this is a section titled 'Message des documentalistes :', which contains the text: 'Prototype en cours de developpement. Pour toutes remarques / bugs, contactez les developpeurs : biblio-dev@emn.fr Merci'. Underneath is a summary box showing: 'Vous avez soumis 7 document(s)', '1 document(s) acceptés(s)', and '6 document(s) privé(s)'. At the bottom, there is a section titled 'Derniers documents lus' containing a list of document titles: 'rapport élève exemple', 'rapport d'élève possible', 'exemple de rapport élève', 'article TICE 2004', and 'projet Chevalet'.