

**Bibliographics for the 983 EPrints in the Live Archives of E-LIS:
Trends and Status Report up to 7th July 2004,
based on Author-Self-Archiving Metadata**

by

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Abstract: Focus of present study is on Author-Self-Archiving (A-S-A) Metadata of the 983 Eprints in the Live Archives of the E-LIS (EPrints of Library and Information Science), which were approved till 7th July 2004. The A-S-A Metadata was used for librometric analysis. Self-explanatory bibliographics are illustrated. The highlights include: Conference papers (34%); highest approval, June 2004 (28%); published archives (76%); not refereed (52%); not in public domain (60%); highest self-archiving-author (De Robbio, Antonella). The Nos. of EPrints having single JITA domain specifications were: Theoretical and general aspects of libraries and information(27); Information use and sociology of information(80); Users, literacy and reading(13); Libraries as physical collections(30); Publishing and legal issues(57); Management(13); Industry, profession and education(36); Information sources, supports, channels(113); Information treatment for information services, Information functions and techniques (101); Technical services libraries, archives and museums(25); Housing technologies(1); Information technology and library technology(92); and Inter-domainery i.e. having specifications of two or more than two JITA classes(395).

Introduction: The priority for ideas and philosophy related to "Network Theory" have been traced back and documented by Braun (2004), and credit goes to Karinthy (1929). The IT has empowered to realise it, as the most practical phenomena and it is no more a humour. The OAI (Open Archives Initiatives) and ACIS (Academic Contributor Information System) are progressive in the direction, which may lead to realise the "Collective Genius" at global level

Karinthy must have had the vision of the so-called "small world phenomenon" and must have proposed "Láncszemek" ("Chain links") in his collection of humorous stories. As this work was never translated into English, and Karinthy's work is not well known outside Hungary, it is but natural that neither de Solla Pool and Kochen (1978), and Milgram (1967) nor Garfield (1981) could have read and cited Karinthy. Hence, the origin of the current thoughts related to Open Archives Initiatives (OAI) can be traced back to 1929 as the embryology of knowledge or knowledge generating system at individual level (Swarna et al 2004).

There are six well known digital EPrints Archives/Repositories in the Library and Information Science discipline. Growth of archives and current status is illustrated in Fig. 1.

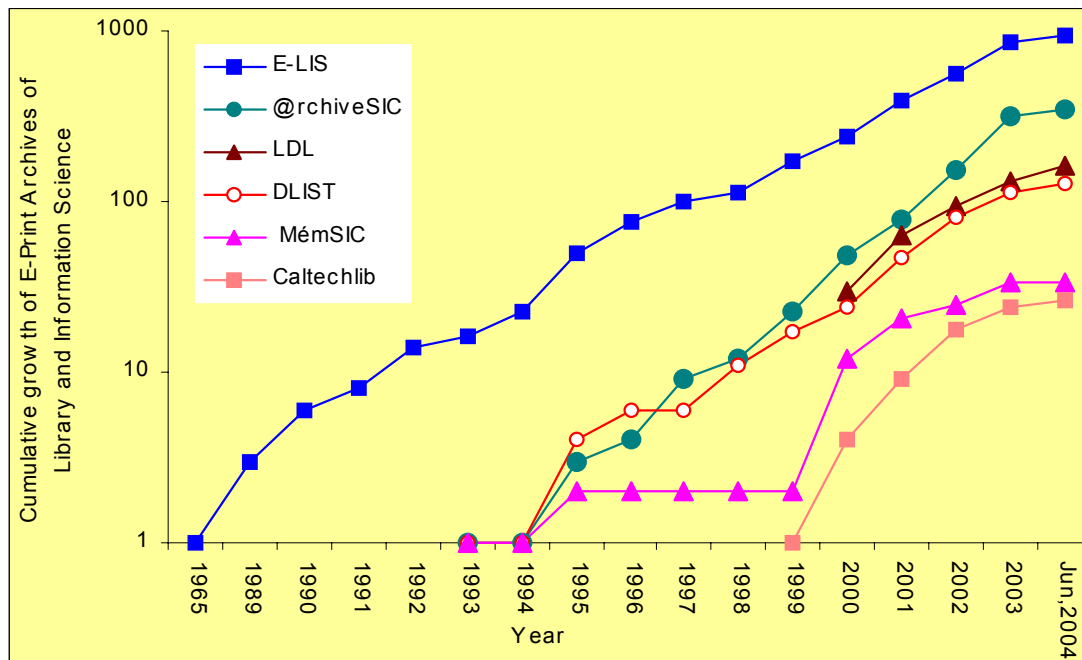


Fig. 1: Growth of Digital E-Print archives and current status of Open Archives Initiatives in the Library and Information Science discipline

Name of LIS (Library and Information Science) Eprint archives services and web address:

E-LIS (EPrints in Library and Information Science) <http://eprints.rclis.org;>

@RchiveSIC [http://archivesic.ccsd.cnrs.fr/;](http://archivesic.ccsd.cnrs.fr/)

LDL (Librarians' Digital Library) [https://drtc.isibang.ac.in/;](https://drtc.isibang.ac.in/)

DLIST (Digital Library of Information Science and Technology) [http://dlist.sir.arizona.edu/;](http://dlist.sir.arizona.edu/)

MémSIC [http://memsic.ccsd.cnrs.fr/;](http://memsic.ccsd.cnrs.fr/)

Caltechlib (Caltech Library System Papers and Publications) [http://caltechlib.library.caltech.edu/\)](http://caltechlib.library.caltech.edu/)

JITA is an acronym of the authors' first names:

Josè Manuel Barrueco Cruz

Imma Subirats Coll

Thomas Krichel

Antonella De Robbio

Fig. 2: JITA

Materials: Author-Self-Archiving Metadata from the 983 EPrints in the RCLIS live archives of Library and Information Science at site <http://eprints.rclis.org> till 7th July, 2004, which were processed as per JITA subject classification were used.

Methods: The data was quantitatively analyzed (Kalyane et al 2003, Kalyane et al 2004) after sorting into single domain subjects and multi-domainary subjects of the archives. Study was delimited to Single Domain Subjects for the Domainwise data. Interdomainary EPrints metadata was analyzed separately. Bibliographic Metadata was converted to bibliometric database and it was transformed into Bibliographics (Kalyane and Kadam 2001). Softwares used for the study included: MS-Office, Origin 4.0, LibSoft Release 3.08 for metadata saperation (Vidyarthi 2003) and Readability software: Writing Sample Analyzer © by Aella Lei (Lei 1996). The random sample of 200 Abstracts (input by the self-archiving -author) were used for readability study. The data was analysed and presented in following sequence (Fig. 3):

- **Type of source**
- **Deposited On (Month and year)**
- **Status (published/unpublished)**
- **Refereed (Yes/No)**
- **Public Domain (Yes/No)**
- **Authors**
- **Subjects (JITA classification)**
- **Year (Publication Year)**
- **Abstract (for Readability Analysis)**
- **Publication/source (Journal)**
- **Alternative Locations (No link/Single Link/Multiple Links)**
- **Keywords**

Fig. 3: Sequence of data analysis and presentation

Results: Bibliographic self-explanatory illustrations are presented herewith:

Type of source

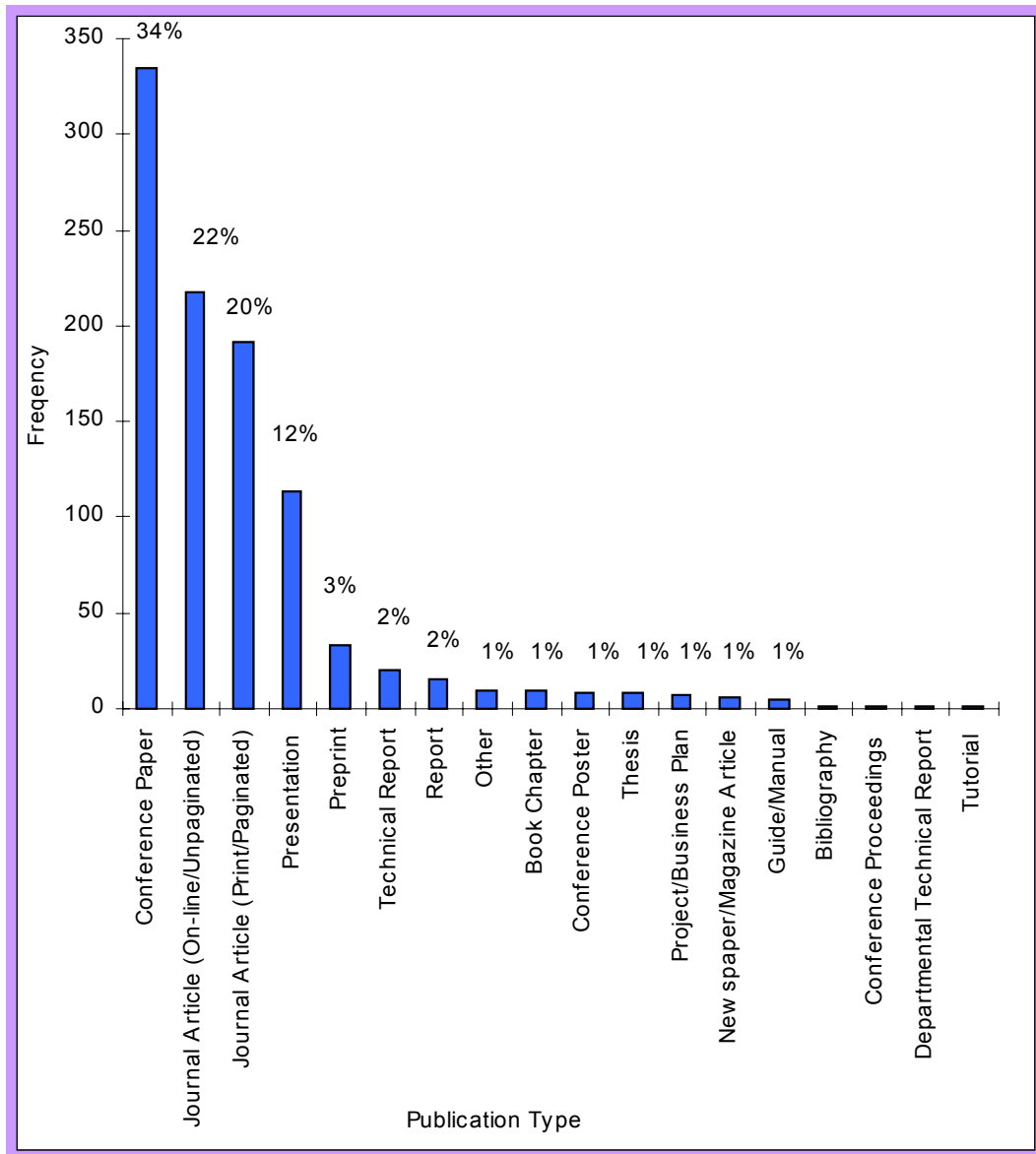


Fig. 4: Frequency, Percentage and growth of Publication Types in the author self archiving metadata of the 983 EPrints in the live archives at site eprints.rclis.org downloaded on and up to 7th July, 2004

Deposited on (month and year)

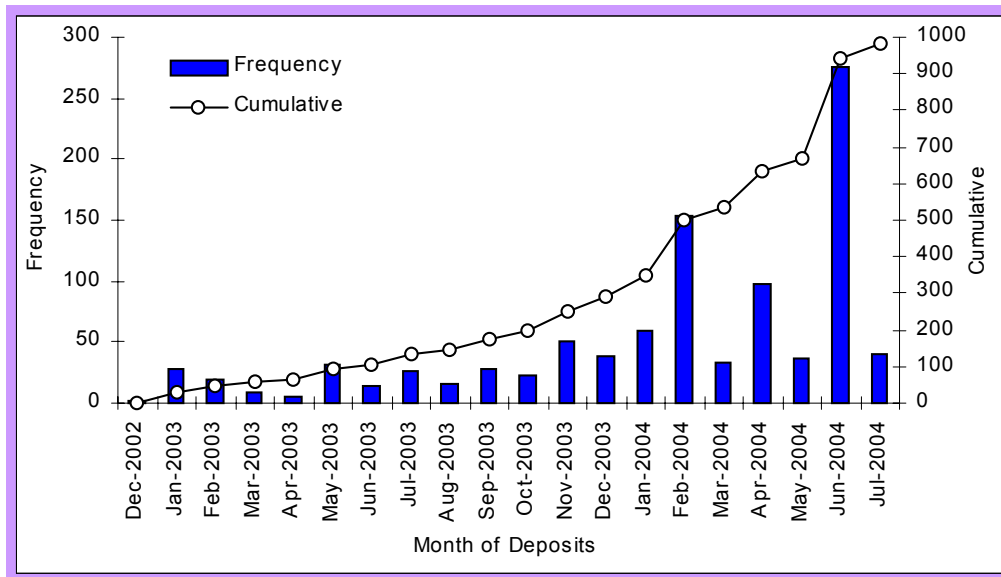


Fig. 5: Time series analysis of deposits in the author-self-archiving metadata of the 983 EPrints in the live archives at site eprints.rclis.org downloaded on and up to 7th July, 2004

Status (published/unpublished)

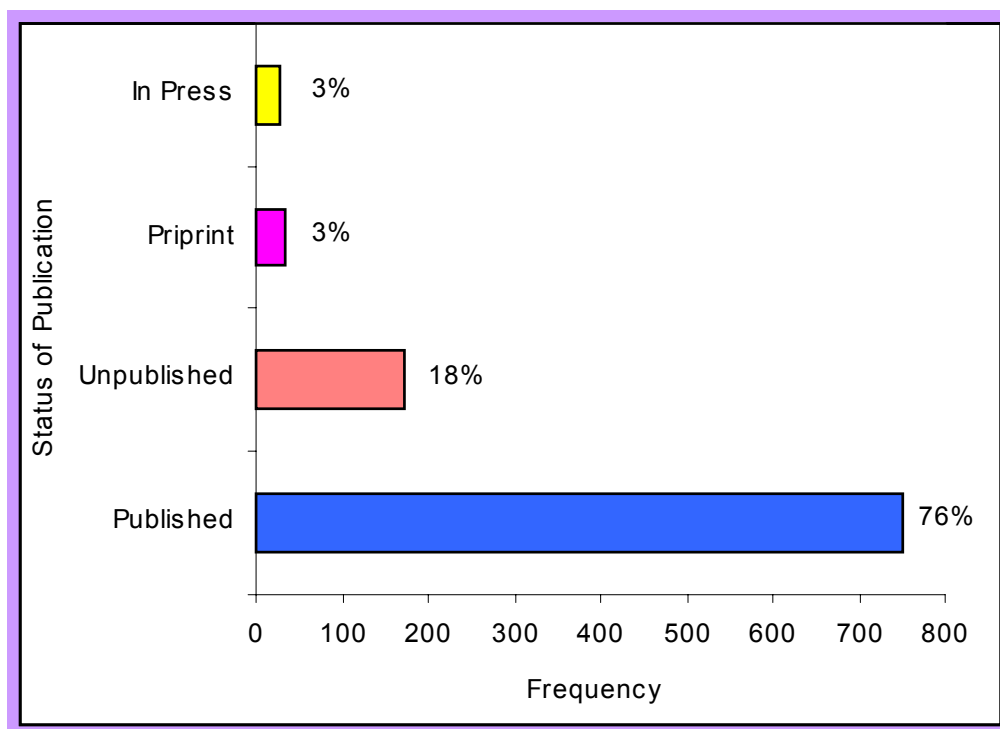


Fig. 6: Published, unpublished, preprint, inpress status of Publication in the author-self-archiving metadata of the 983 EPrints in the live archives at site eprints.rclis.org downloaded on and up to 7th July, 2004

Refereed (Yes/No)

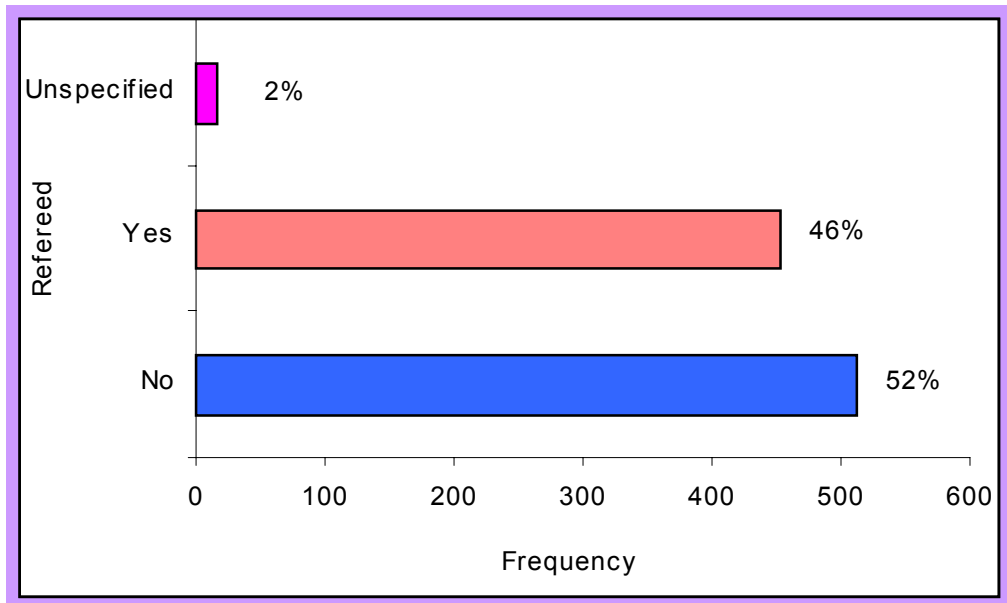


Fig. 7: Refereeing Status of Publication in the author-self-archiving metadata of the 983 EPrints in the live archives at site eprints.rclis.org downloaded on and up to 7th July, 2004

Public Domain (Yes/No)

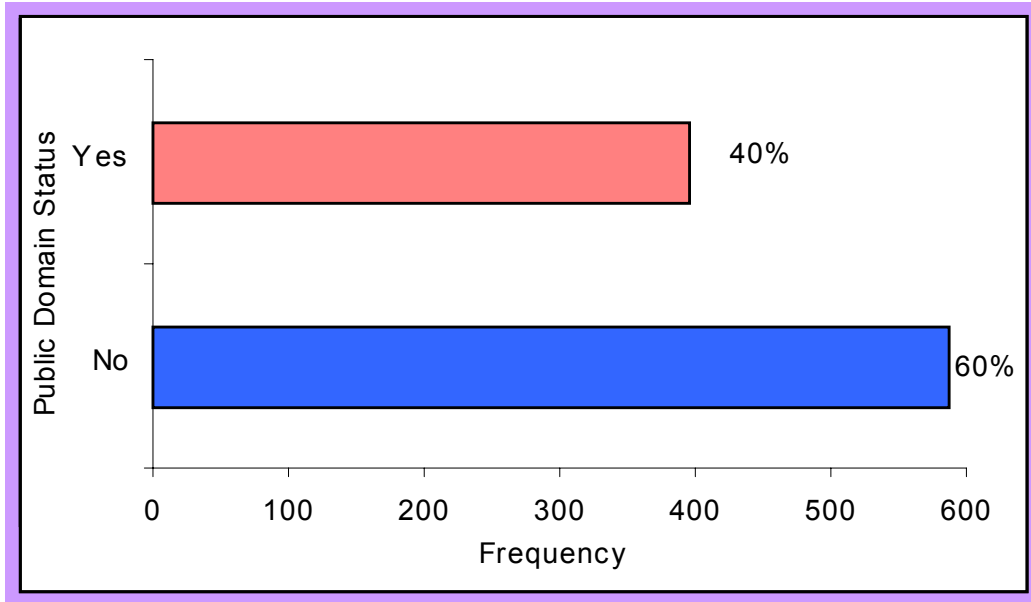


Fig. 8: Public Domain Status of Publication in the author-self-archiving metadata of the 983 EPrints in the live archives at site eprints.rclis.org downloaded on and up to 7th July, 2004

Authors

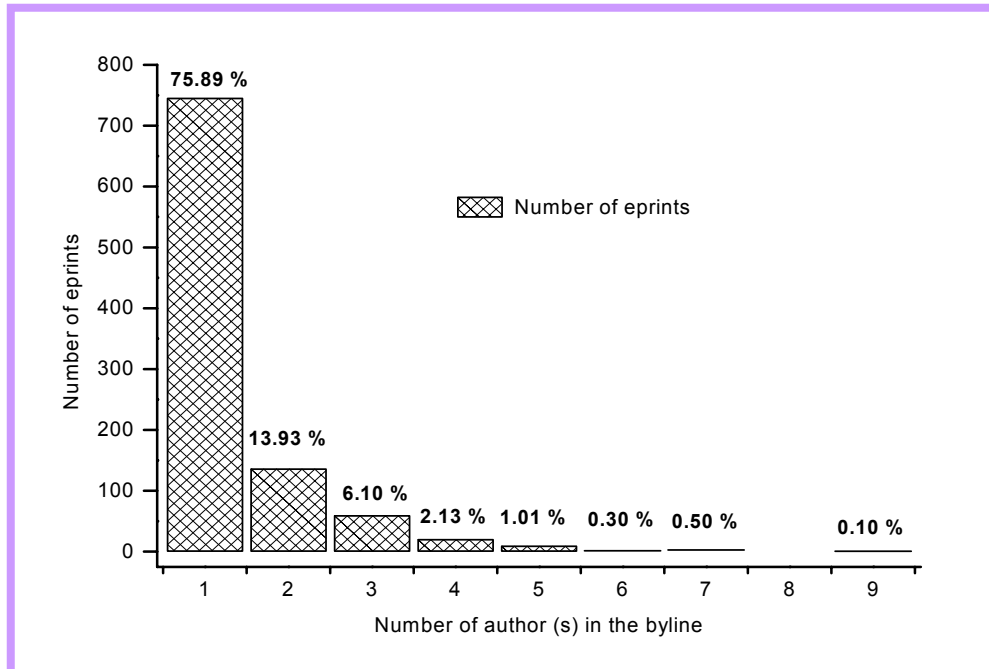


Fig. 9: Authorship pattern in the byline of the 983 EPrints in the live archives at site eprints.rclis.org downloaded on and up to 7th July, 2004

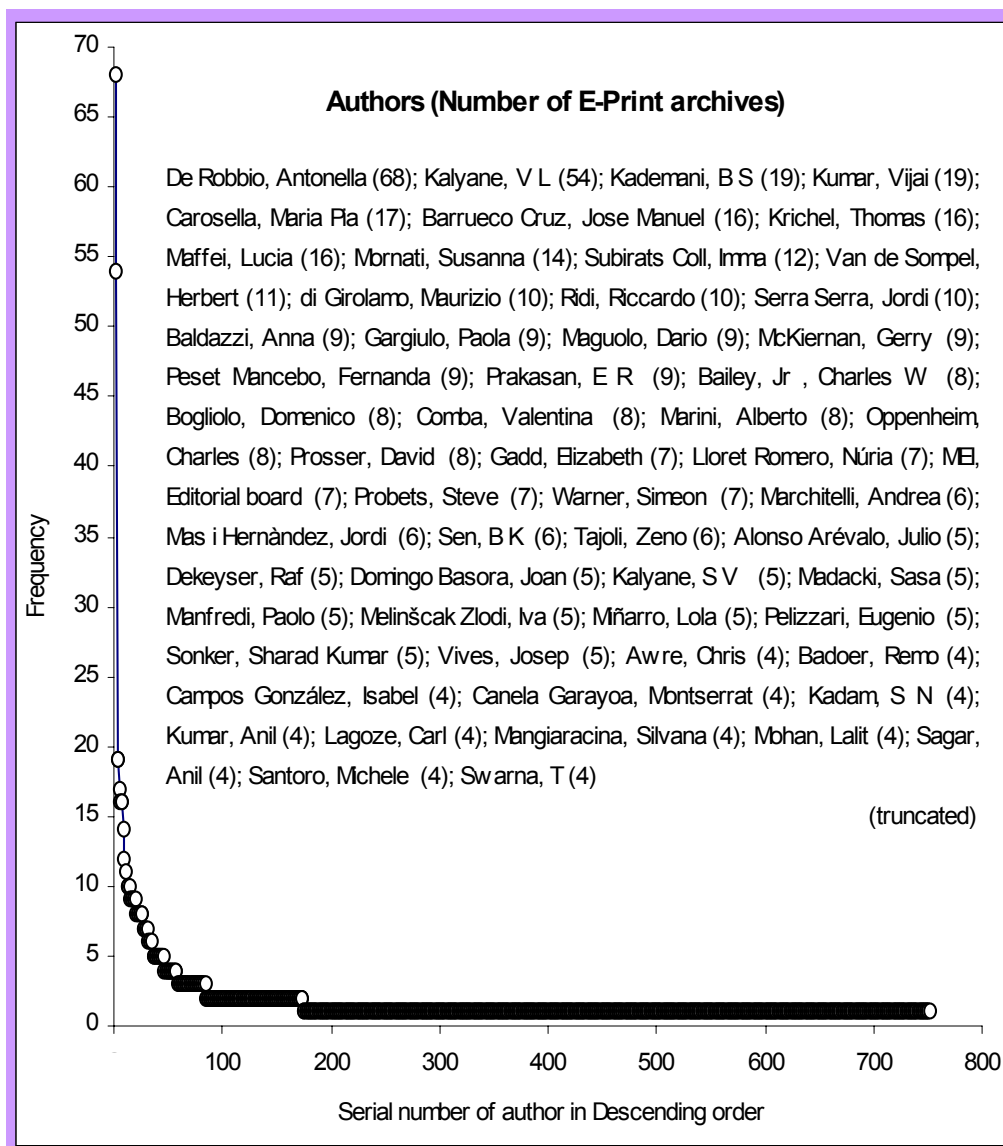


Fig. 10: Number of authorship-wise authors in the byline of author-self-archiving metadata of the 983 EPrints in the live archives at site eprints.rclis.org on and up to 7th July, 2004

Top Two Authors

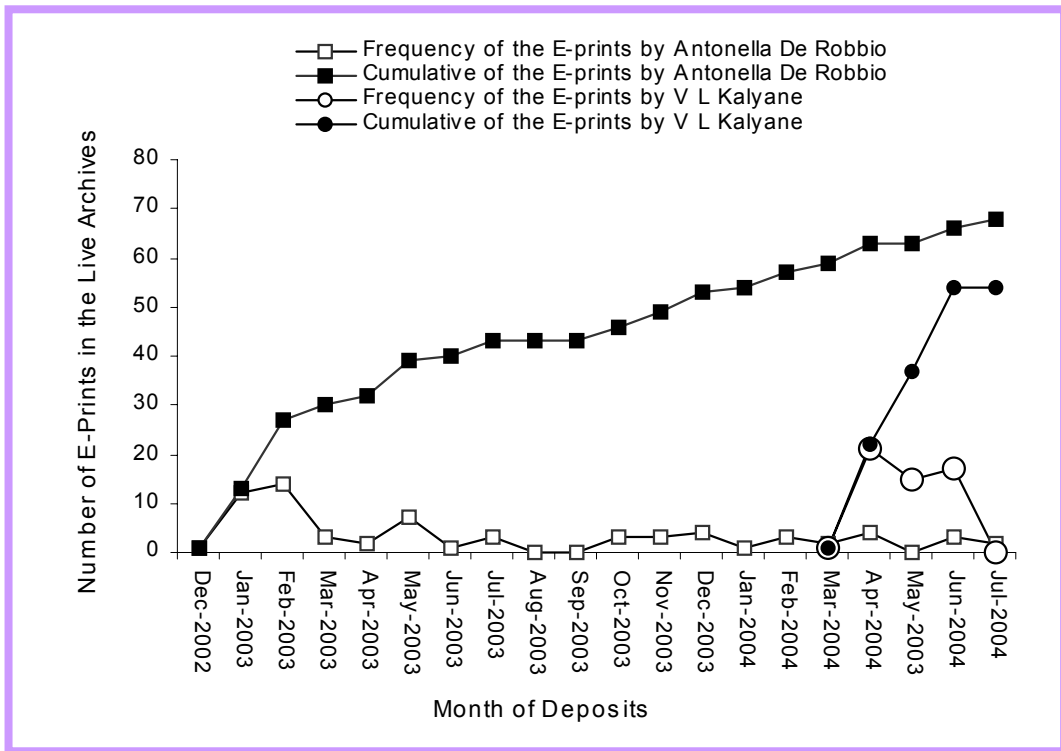


Fig. 11: Time series analysis of deposits of the EPrints in the live archives of high productivity authors at site <http://Eprints.rclis.org> downloaded on and up to 7th July 2004

Subjects (JITA classification)

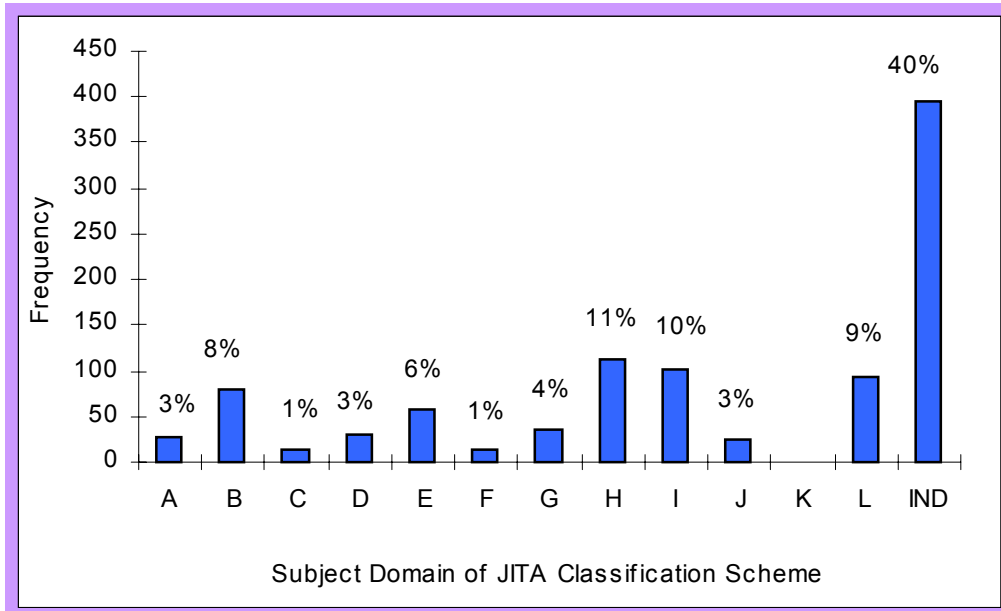


Fig. 12: Frequency and growth of live archives as per JITA Classification in the author-self-archiving metadata of the 983 EPrints in the live archives at site eprints.rclis.org on and up to 7th July, 2004

(A = Theoretical and general aspects of libraries and information; B = Information use and sociology of information; C = Users, literacy and reading; D = Libraries as physical collections; E = Publishing and legal issues; F = Management; G = Industry, profession and education; H = Information sources, supports, channels; I = Information treatment for information services (Information functions and techniques); J = Technical services libraries, archives and museums; K = Housing technologies; L = Information technology and library technology, and IND = Inter-domainery i.e. having specifications of two or more than two classes).

Year (Publication Year)

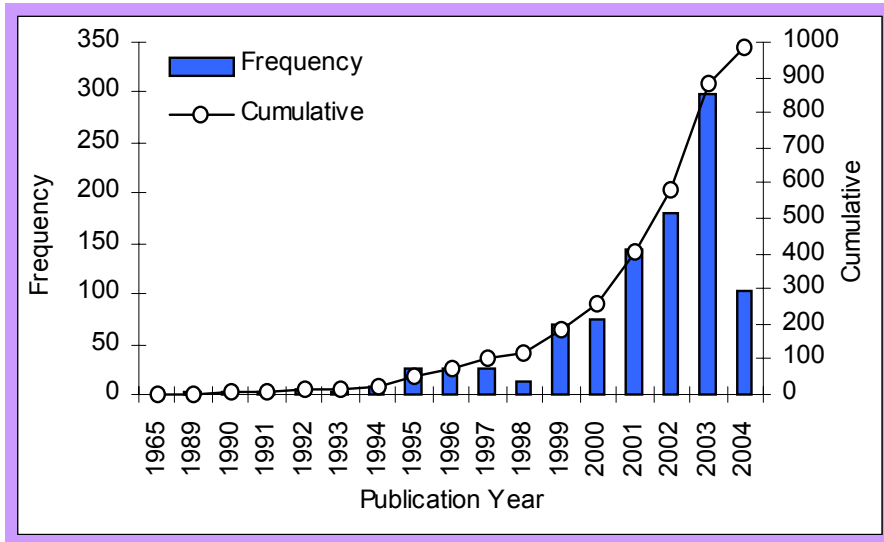


Fig. 13: Yearwise frequency and growth of live archives in the author self archiving metadata of the 983 EPrints in the live archives at site eprints.rclis.org downloaded on and up to 7th July, 2004

Abstracts (for Readability Analysis)

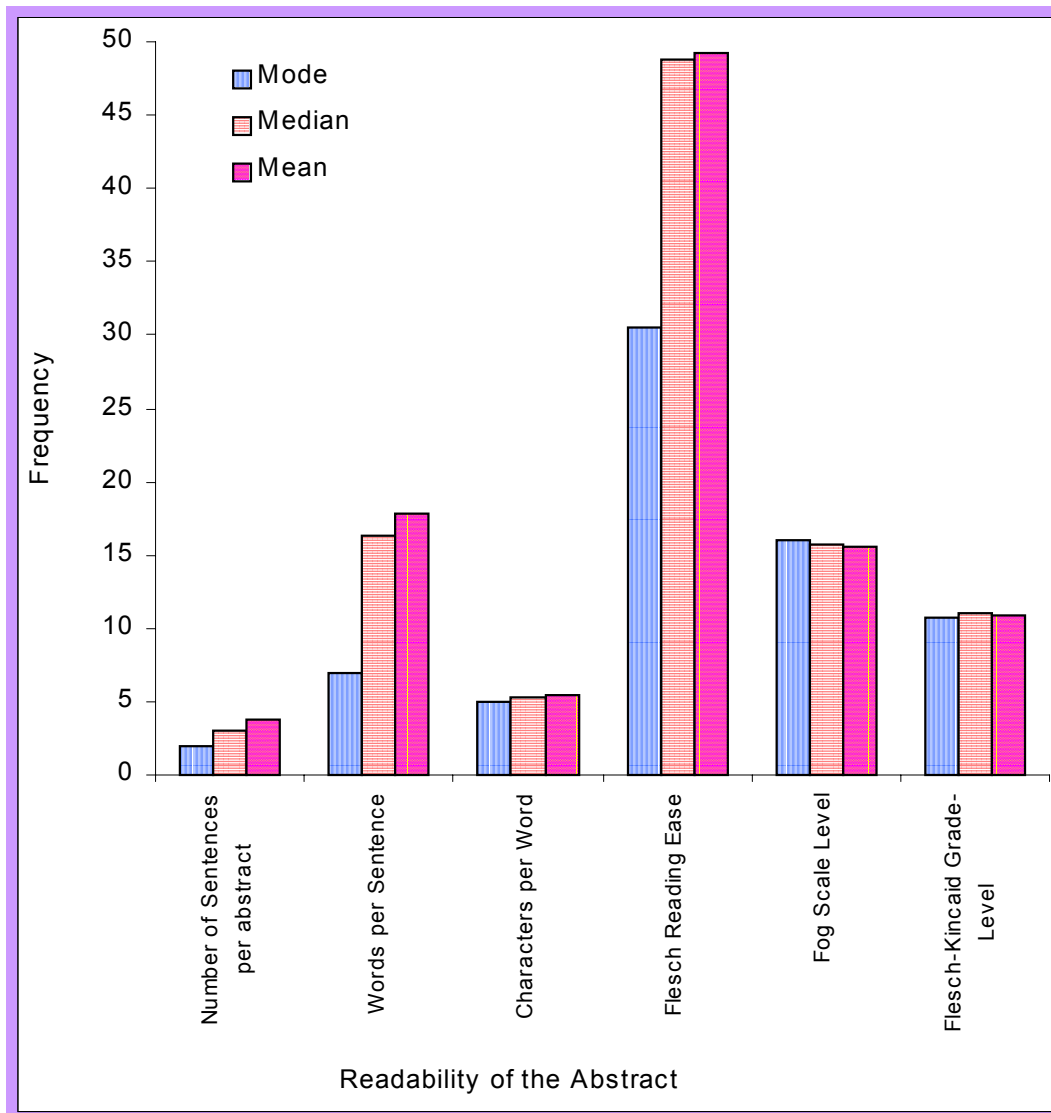


Fig. 14: Readability of Metadata in Abstracts (200 Abstracts were used as a random sample out of the 983 EPrints) in the author-self-archiving metadata for EPrints in the live Archives at site eprints.rclis.org downloaded on and up to 7th July 2004

Publication/source (Journal)

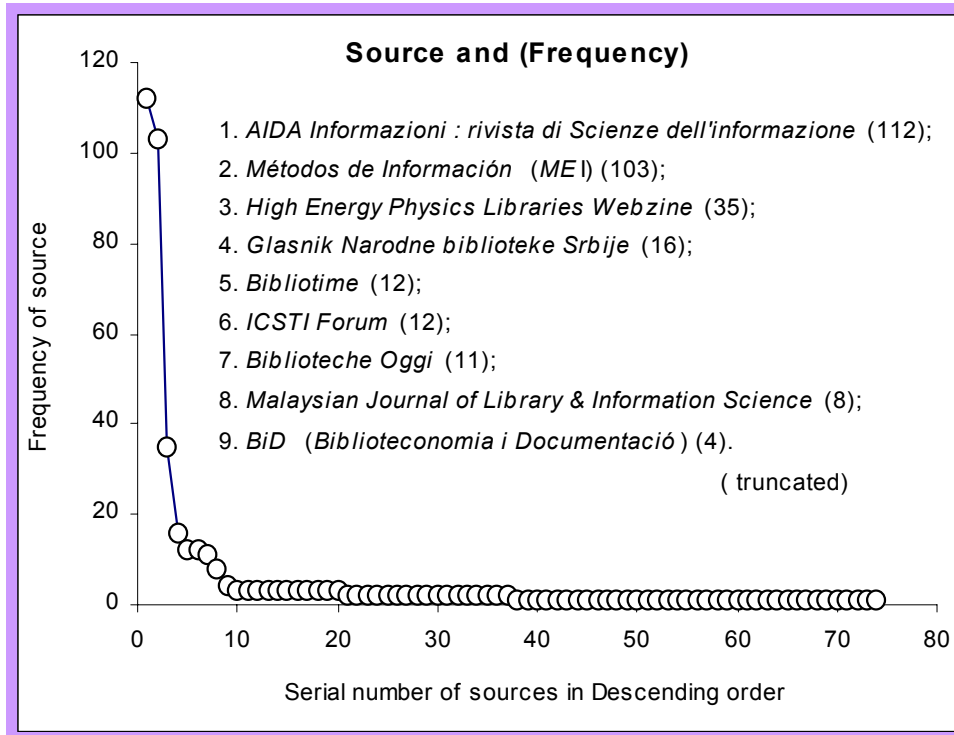


Fig. 15: Source of publication in the author-self-archiving metadata of the 983 EPrints in the live archives at site eprints.rclis.org downloaded on and up to 7th July, 2004

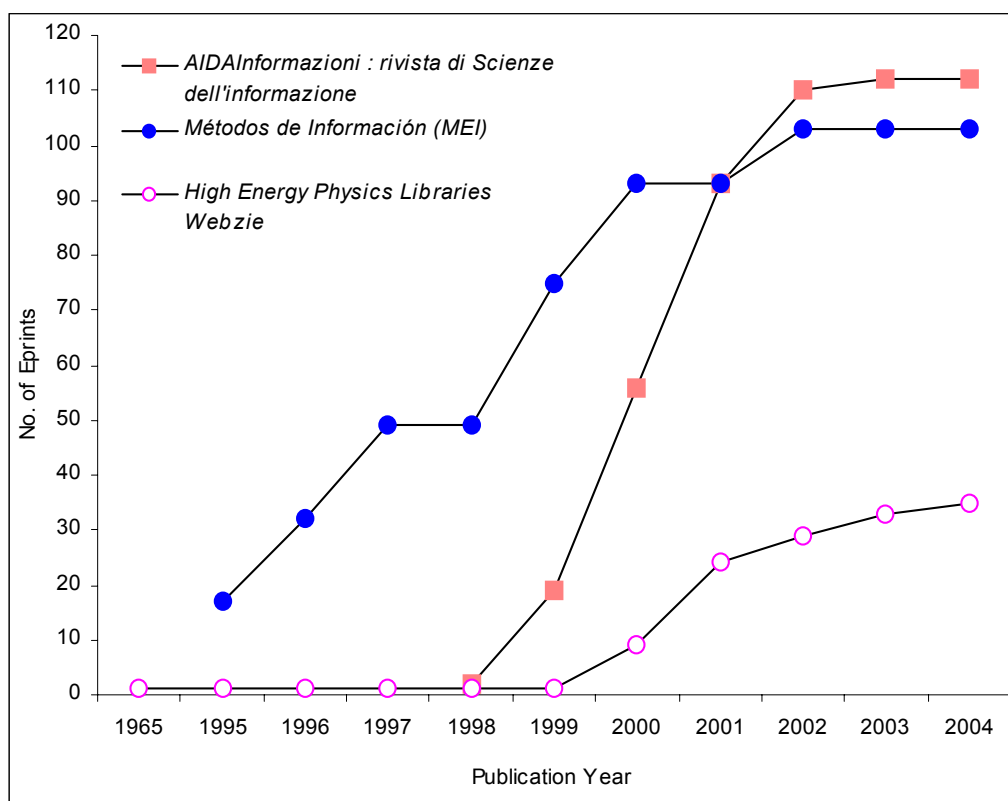


Fig. 16: Top three journals yearwise-growth of publication in the author-self-archiving metadata of the 983 EPrints in the live archives at site eprints.rclis.org downloaded on and up to 7th July, 2004

Alternative Locations (No link/Single Link/Multiple Links)

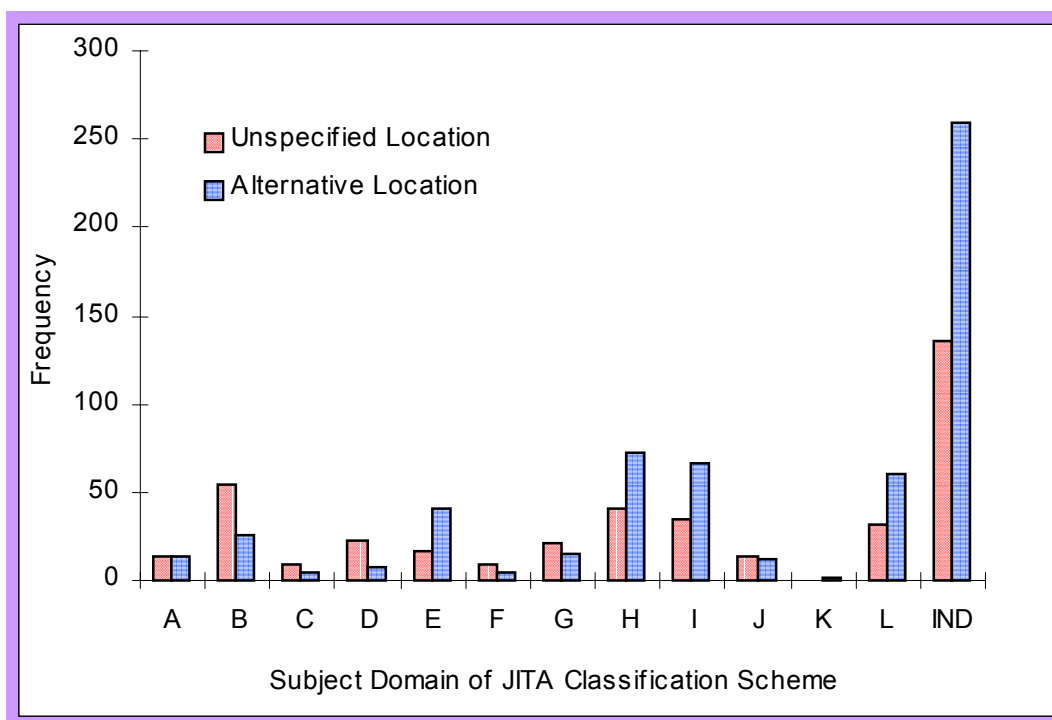


Fig. 17: Frequency and growth of Alternative Locations as per JITA Classification in the author-self-archiving metadata of the 983 EPrints in the live archives at site eprints.rclis.org downloaded on and up to 7th July, 2004

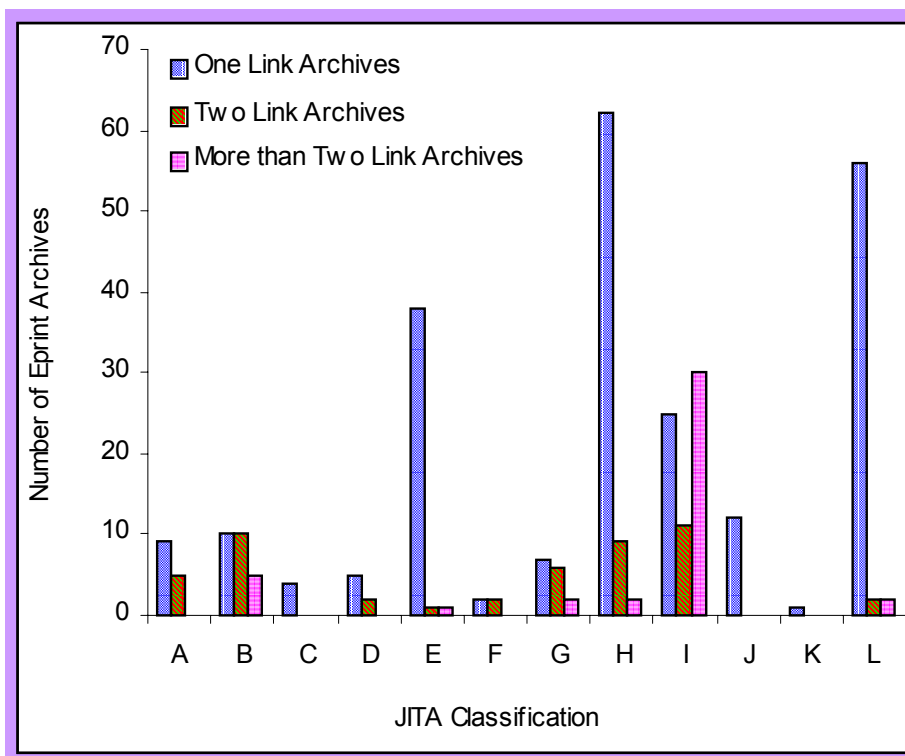


Fig. 18: Frequency and growth of one link, two link and more than two link (Alternative Locations) as per JITA Classification in the author-self-archiving metadata of the 983 EPrints in the live archives at site eprints.rclis.org downloaded on and up to 7th July, 2004

Keywords

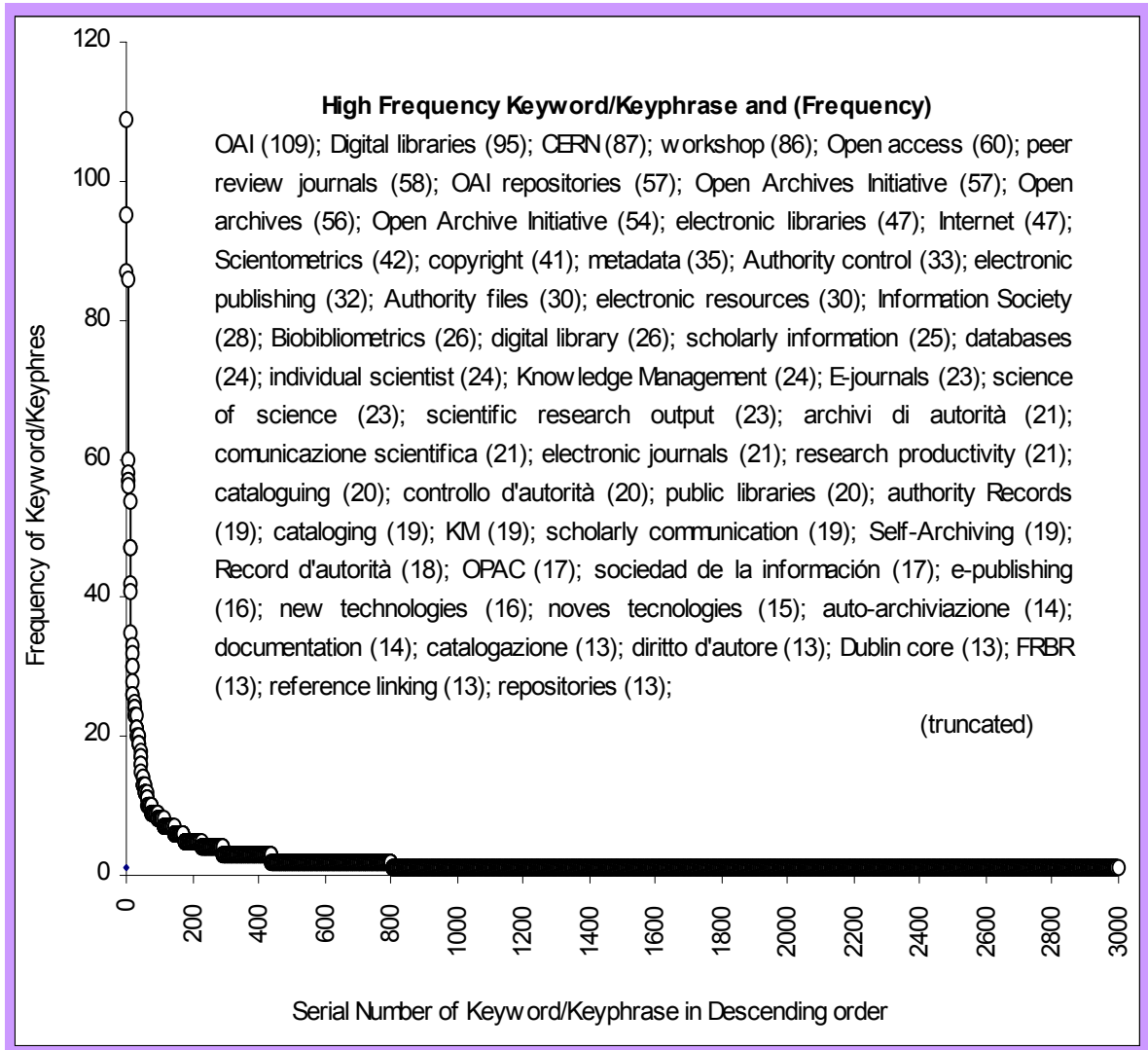


Fig. 19: Keywords/Keyphrases occurrence (High frequency Keywords/Keyphrases presented in the box) in the author-self-archiving metadata of the 983 EPrints in the live archives at site eprints.rclis.org downloaded on and up to 7th July, 2004

Domain A: Theoretical and General Aspects of Libraries and Information

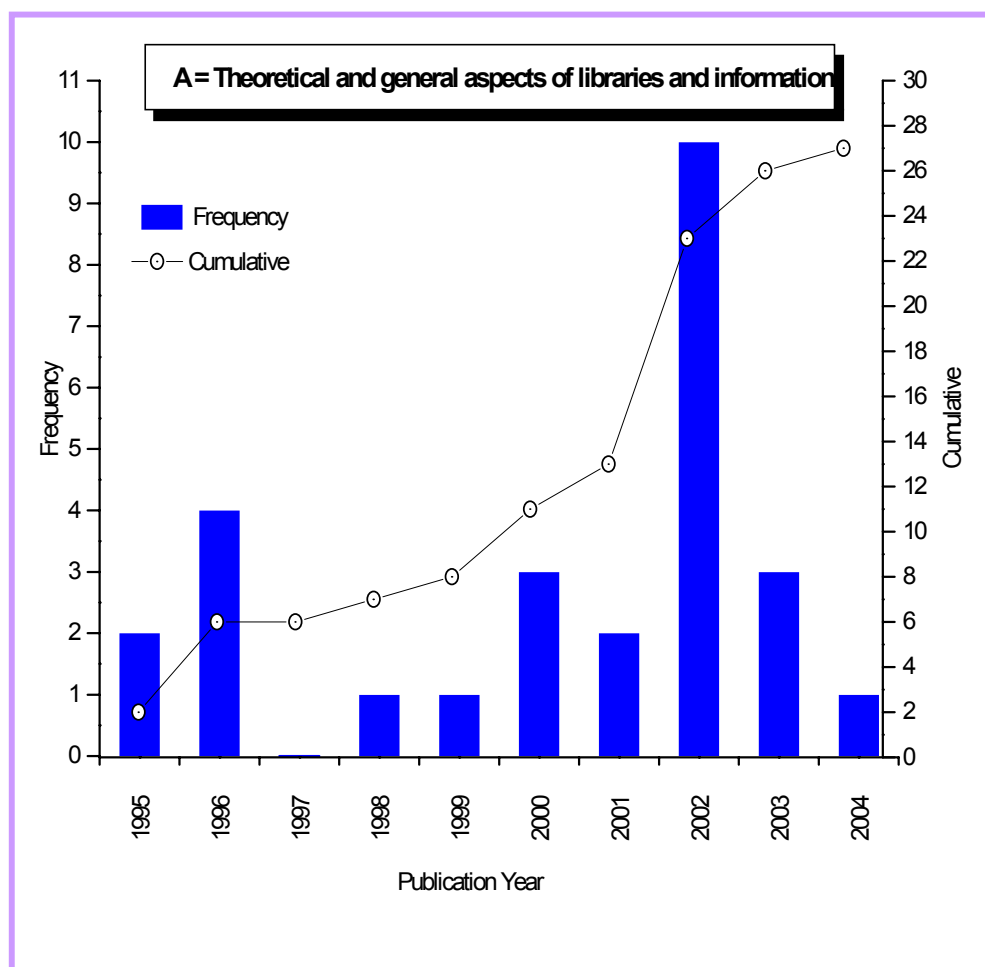


Fig. 20: Frequency and growth of EPrints in the live archives having single domain (A: Theoretical and General Aspects of Libraries and Information) at site eprints.rclis.org having 27 EPrints downloaded on and up to 7th July, 2004

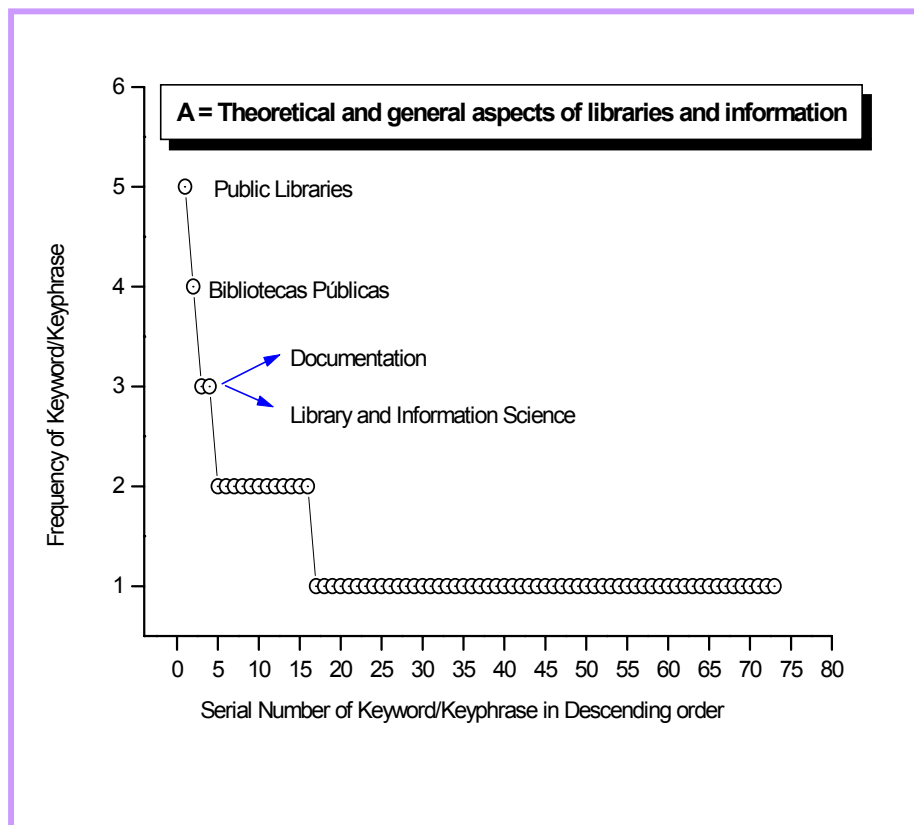


Fig. 21: Keywords/Keyphrases occurrence in the metadata of single domain (A: Theoretical and general aspects of libraries and information) at site eprints.rclis.org having 27 EPrints downloaded on and up to 7th July, 2004

Domain B: Information use and sociology of information

Fig. 22: Frequency and growth of EPrints in the live archives in single domain (B: Information use and sociology of information) at site eprints.rclis.org having 80 EPrints downloaded on and up to 7th July, 2004

Fig. 23: Keywords/Keyphrases occurrence in the metadata of single domain (B: Information use and sociology of information) at site eprints.rclis.org having 80 EPrints downloaded on and up to 7th July, 2004

Domain C: Users, literacy and reading

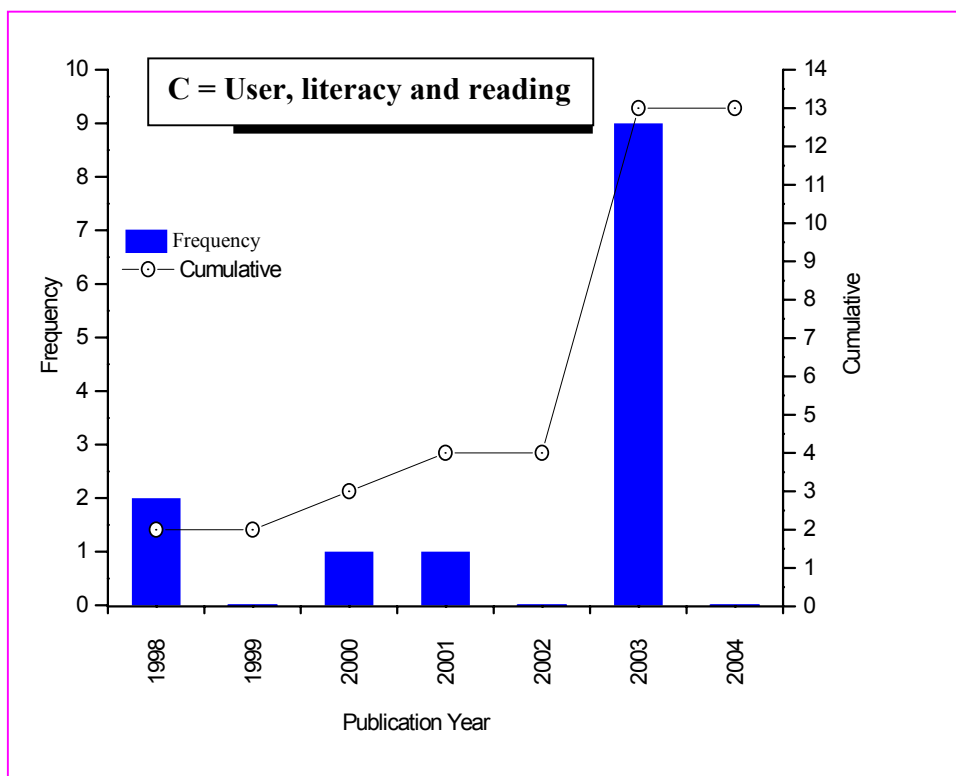


Fig. 24: Frequency and growth of EPrints in the live archives in single domain (C: Users, literacy and reading) at site eprints.rclis.org having 13 EPrints downloaded on and up to 7th July, 2004



Fig. 25: Keywords/Keyphrases occurrence in the metadata of single domain (C: Users, literacy and reading) at site eprints.rclis.org having 13 EPrints downloaded on and up to 7th July, 2004

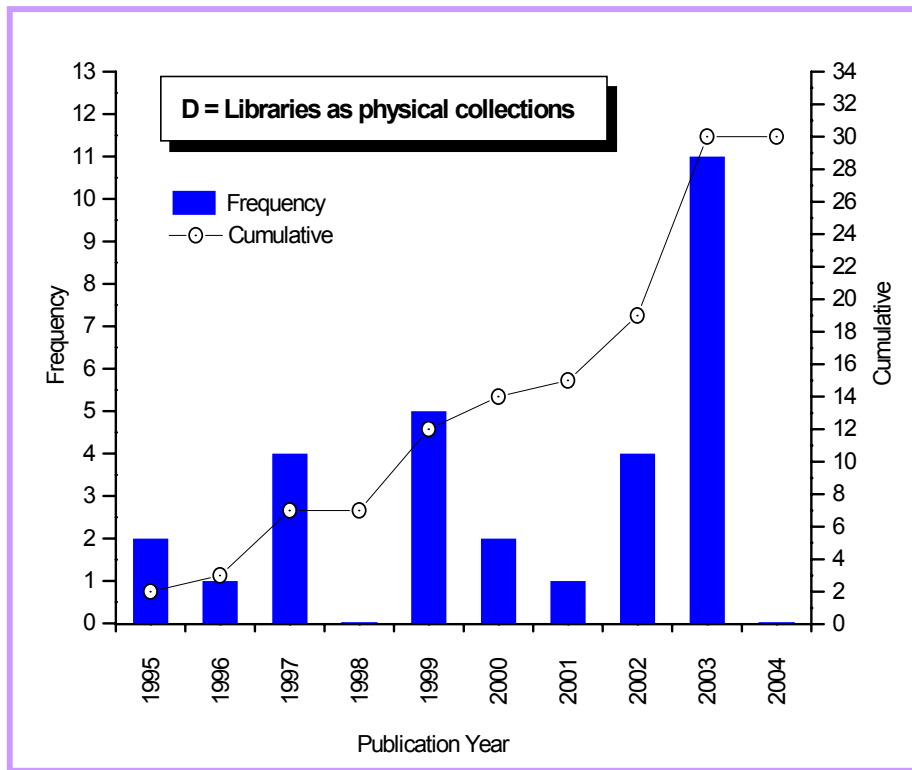
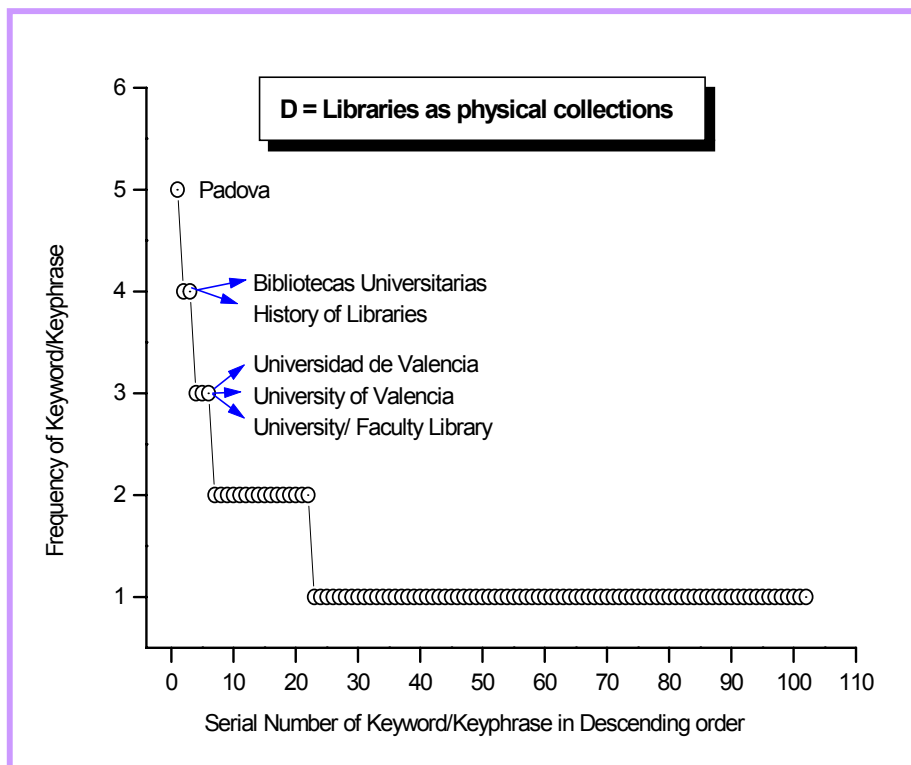


Fig. 26: Frequency and growth of EPrints in the live archives in single domain (D: Libraries as physical collections) at site eprints.rclis.org having 30 EPrints downloaded on and up to 7th July, 2004



(D: Libraries as physical collections) at site eprints.rclis.org having 30 EPrints downloaded on and up to 7th July, 2004

Domain E: Publishing and legal issues

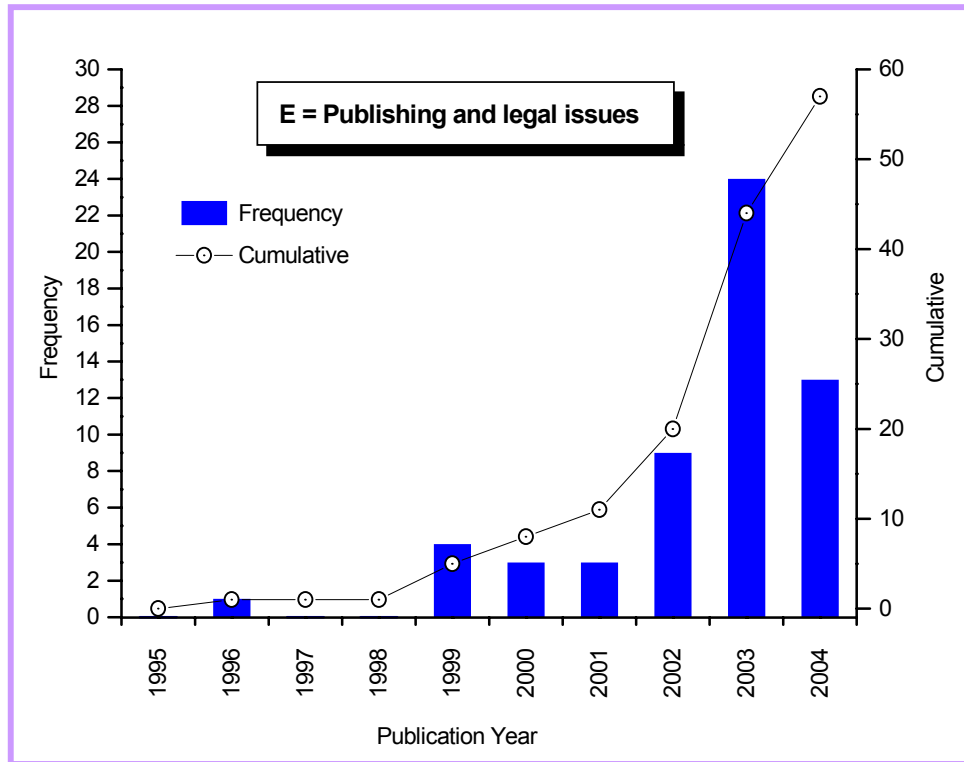


Fig. 28: Frequency and growth of EPrints in the live archives in single domain (E: Publishing and legal issues) at site eprints.rclis.org of 57 EPrints downloaded on and up to 7th July, 2004

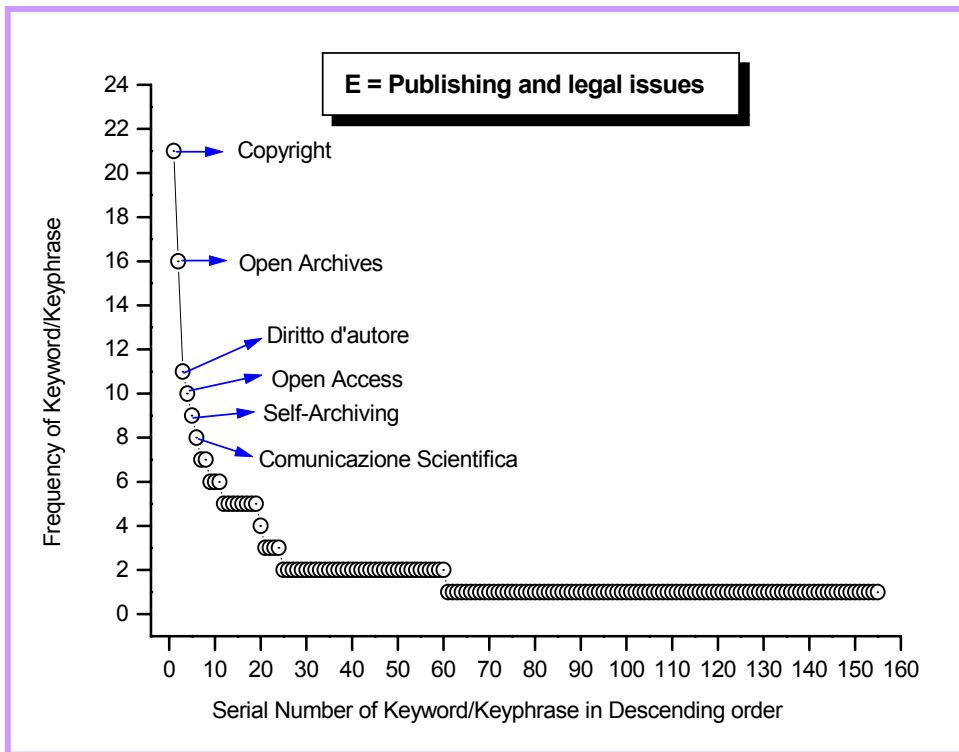


Fig. 29: Keywords/Keyphrases occurrence in the metadata of single domain (E: Publishing and legal issues) at site eprints.rclis.org having 57 EPrints downloaded on and up to 7th July, 2004

Domain F: Management

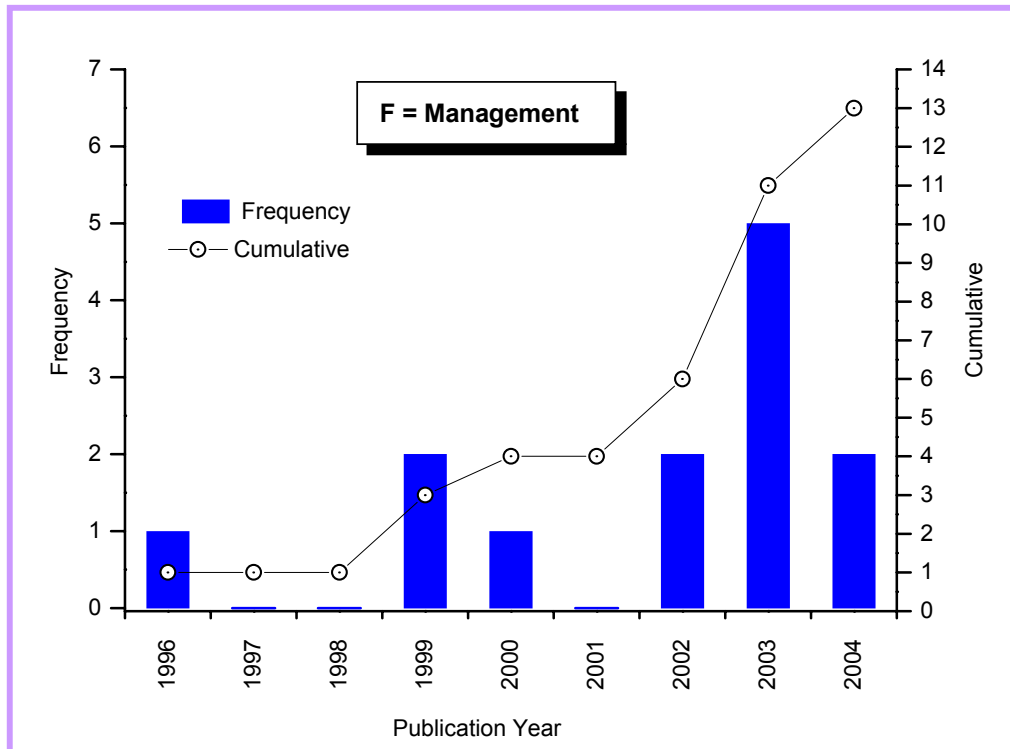


Fig. 30: Frequency and growth of EPrints in the live archives in single domain (F: Management) at site eprints.rclis.org having 13 EPrints downloaded on and up to 7th July, 2004

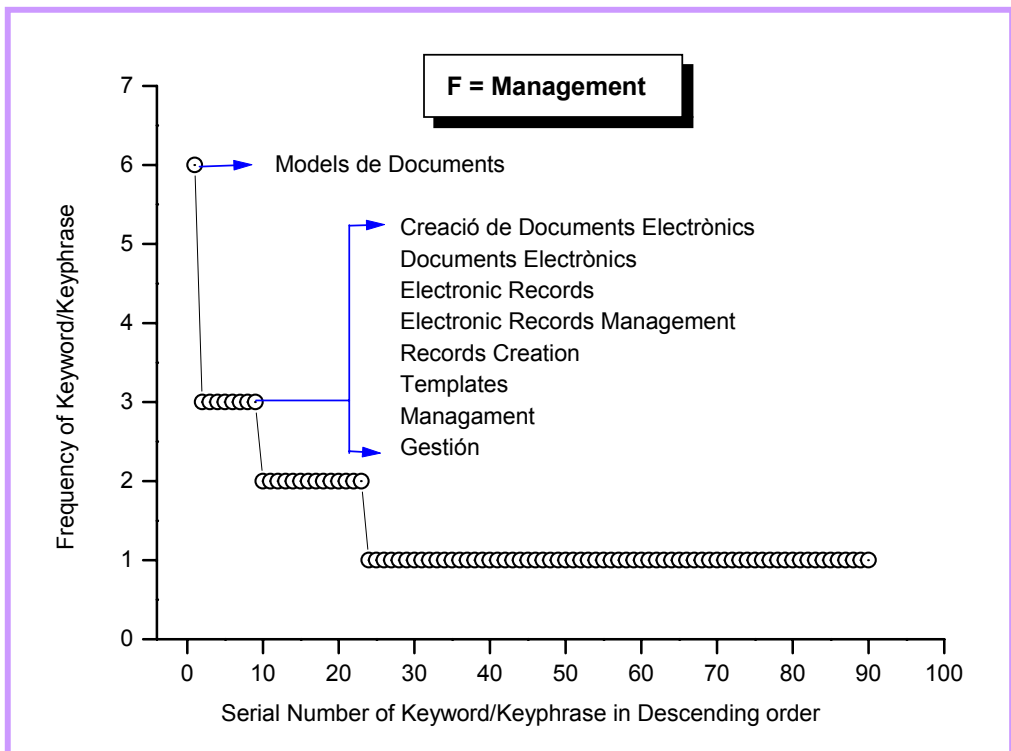


Fig. 31: Keywords/Keyphrases occurrence in the metadata of single domain (F: Management) at site eprints.rclis.org having 13 EPrints downloaded on and up to 7th July, 2004

Domain G: Industry, profession and education

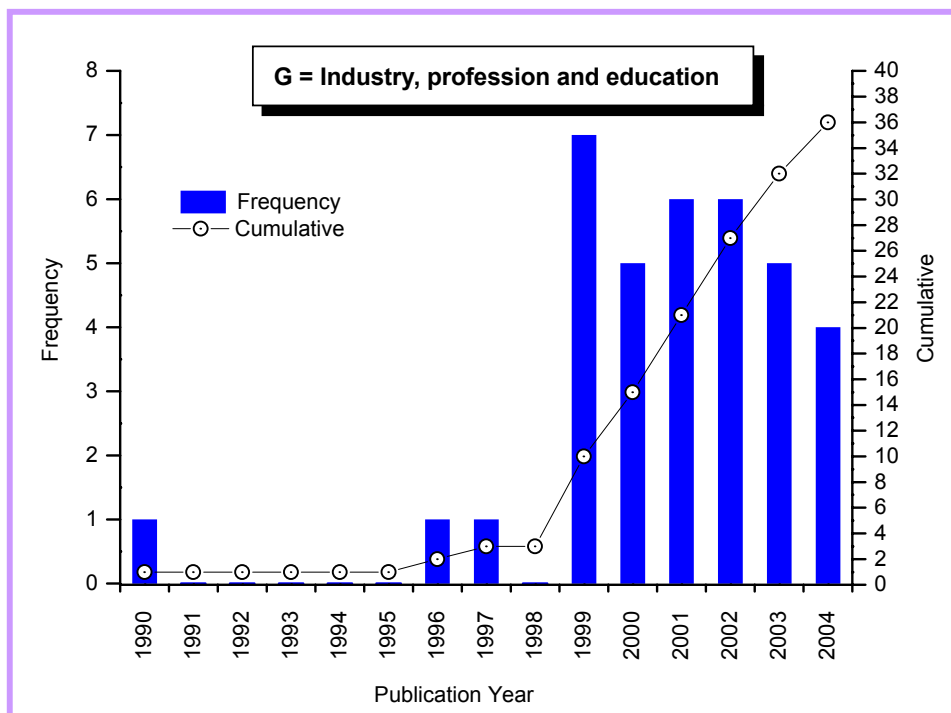


Fig. 32: Frequency and growth of EPrints in the live archives in single domain (G: Industry, profession and education) at site eprints.rclis.org having 36 EPrints downloaded on and up to 7th July, 2004

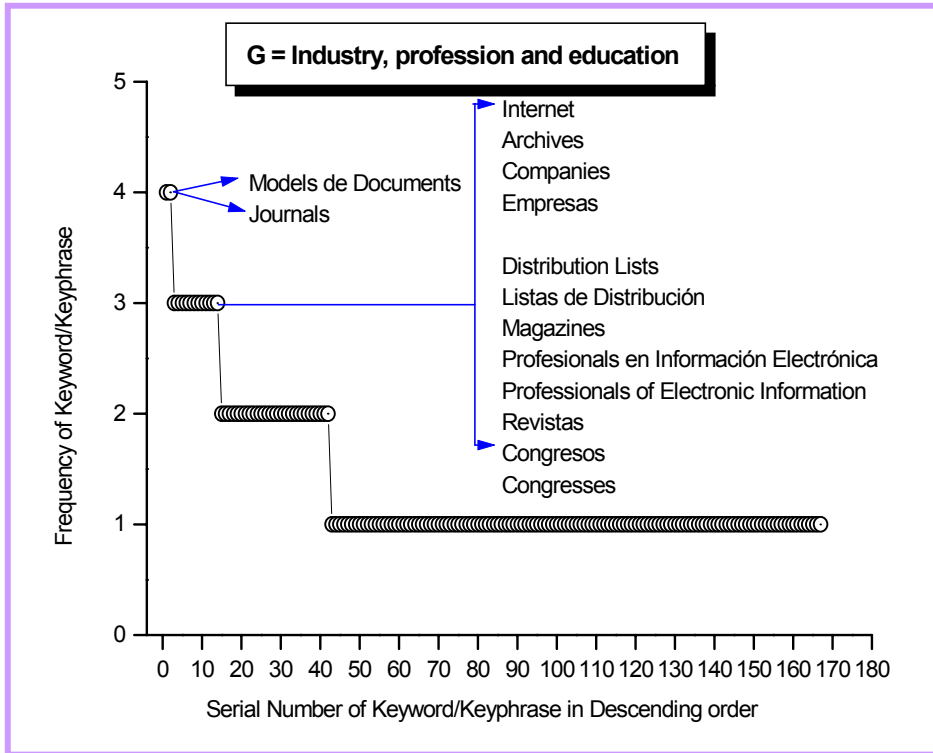


Fig. 33: Keywords/Keyphrases occurrence in the metadata of single domain (G: Industry, profession and education) at site eprints.rclis.org having 36 EPrints downloaded on and up to 7th July, 2004

Domain H: Information sources, supports, channels

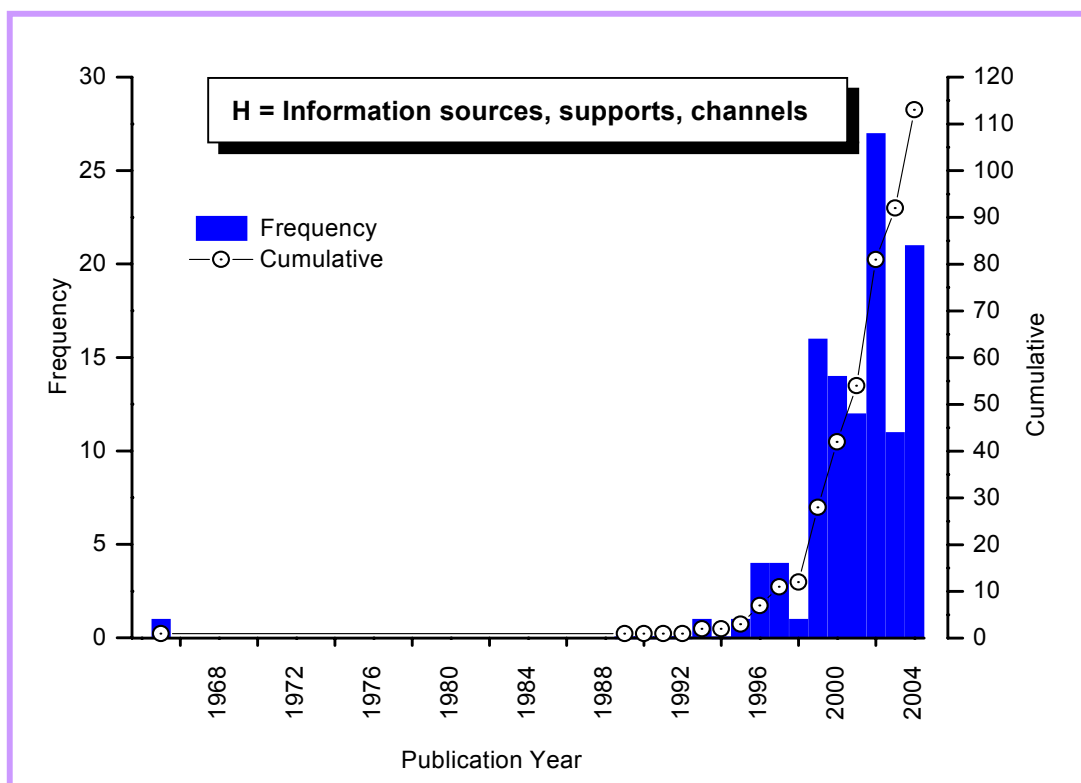


Fig. 34: Frequency and growth of EPrints in the live archives in single domain (H: Information sources, supports, channels) at site eprints.rclis.org having 113 EPrints downloaded on and up to 7th July, 2004

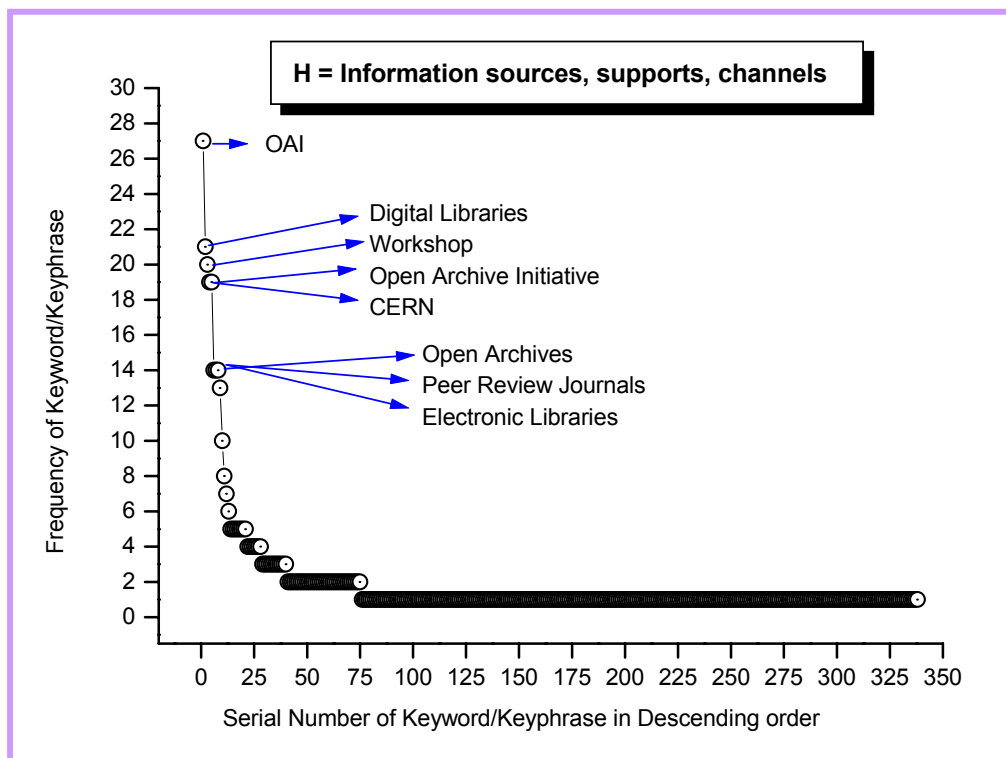


Fig. 35: Keywords/Keyphrases occurrence in the metadata of single domain (H: Information sources, supports, channels) at site eprints.rclis.org having 113 EPrints downloaded on and up to 7th July, 2004

**Domain I: Information treatment for information services
(Information functions and techniques)**

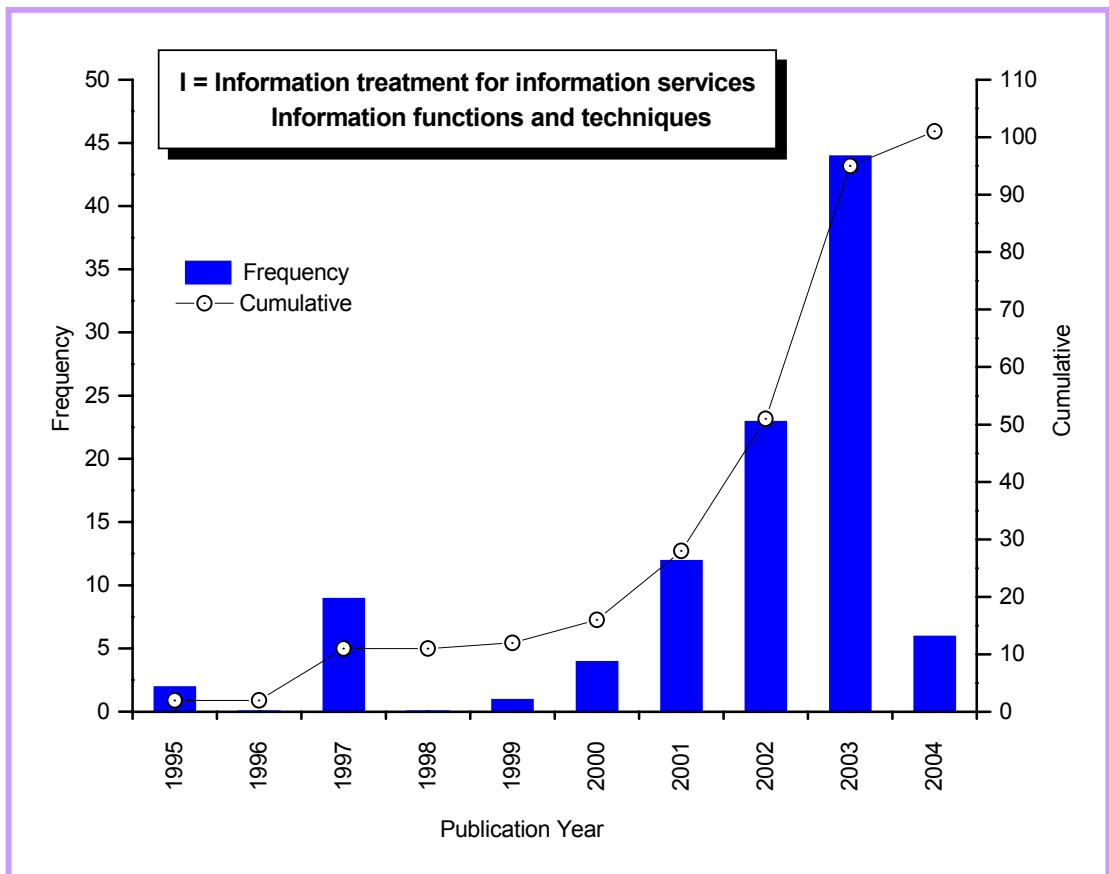
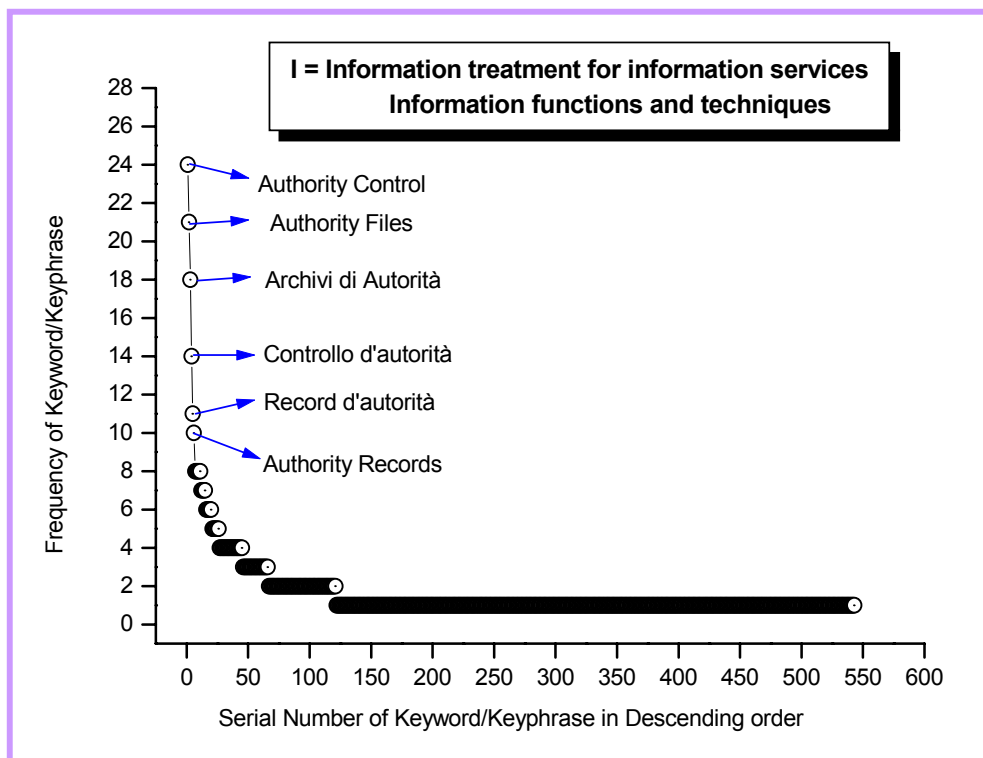


Fig. 36: Frequency and growth of EPrints in the live archives in single domain (I: Information treatment for information services (Information functions and techniques) at site eprints.rclis.org having 101 EPrints downloaded on and up to 7th July, 2004



Domain J: Technical services libraries, archives and museums

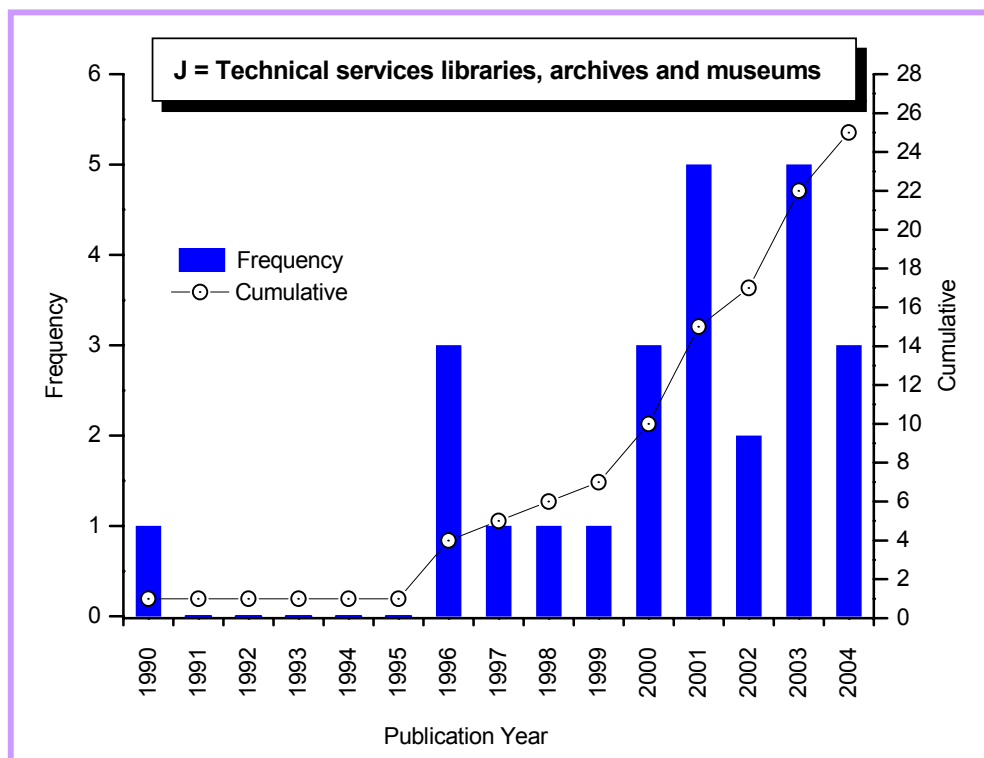


Fig. 38: Frequency and growth of EPrints in the live archives in single domain (J: Technical services libraries, archives and museums) at site eprints.rclis.org having 25 EPrints downloaded on and up to 7th July, 2004

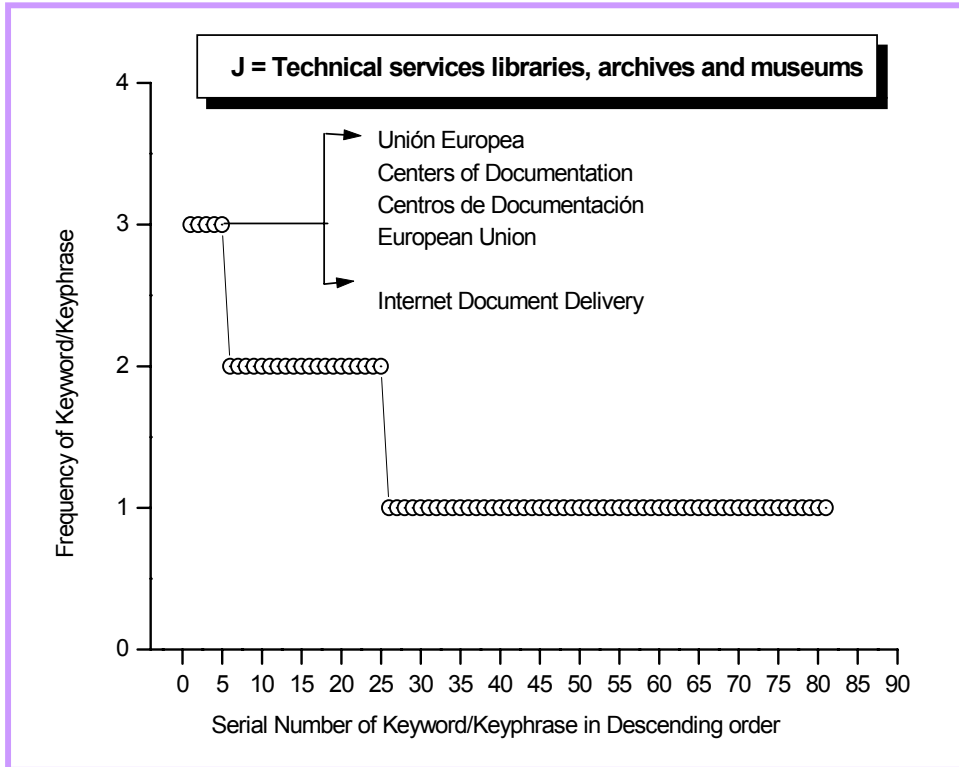


Fig. 39: Keywords/Keyphrases occurrence in the metadata of single domain (J: Technical services libraries, archives and museums) at site eprints.rclis.org having 25 EPrints downloaded on and up to 7th July, 2004

Domain K: Housing technologies
 Only one EPrint was available in the live archive in this Domain

Domain L: Information technology and library technology

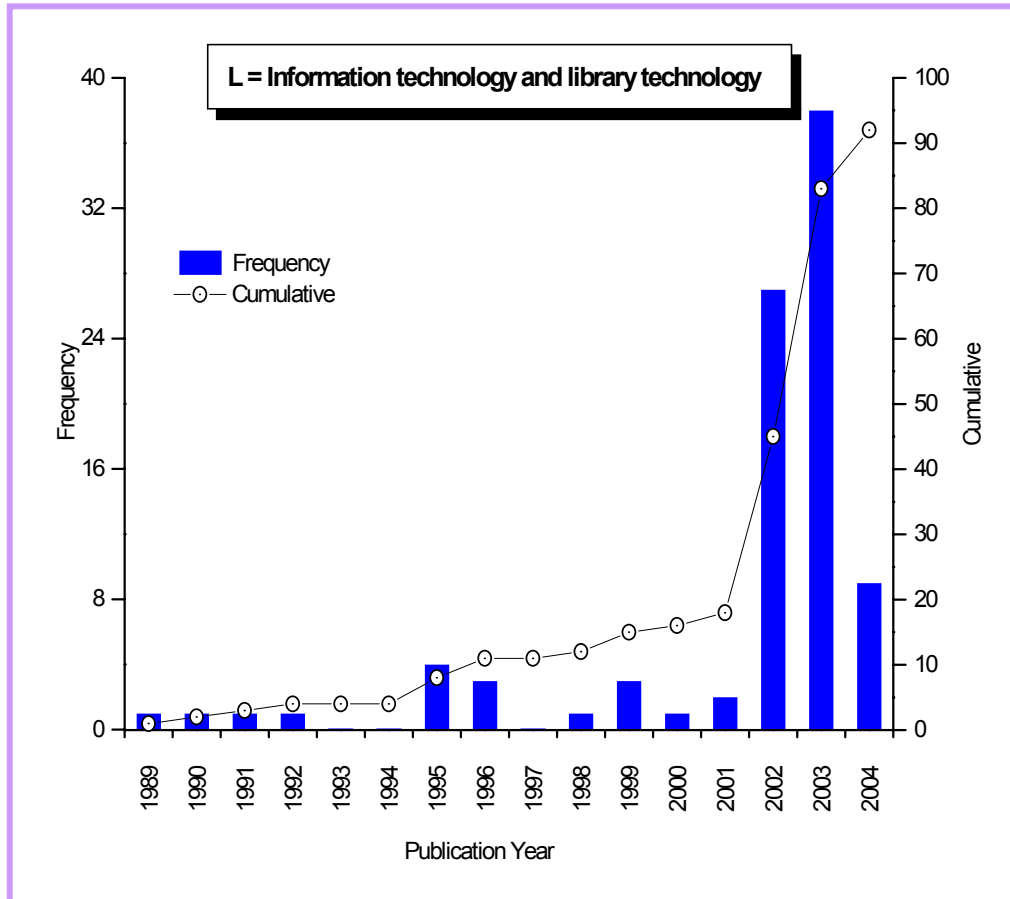


Fig. 40: Frequency and growth of EPrints in the live archives in single domain (L: Information technology and library technology) at site eprints.rclis.org having 92 EPrints downloaded on and up to 7th July, 2004

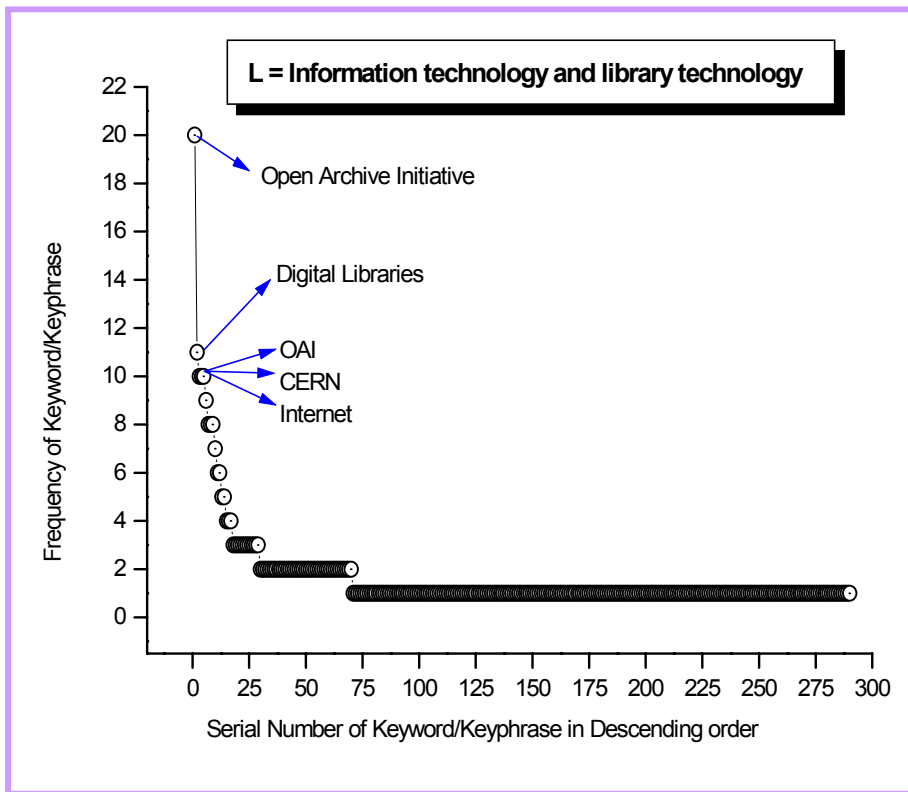


Fig. 41: Keywords/Keyphrases occurrence in the metadata of single domain (L: Information technology and library technology) at site eprints.rclis.org having 92 EPrints downloaded on and up to 7th July, 2004

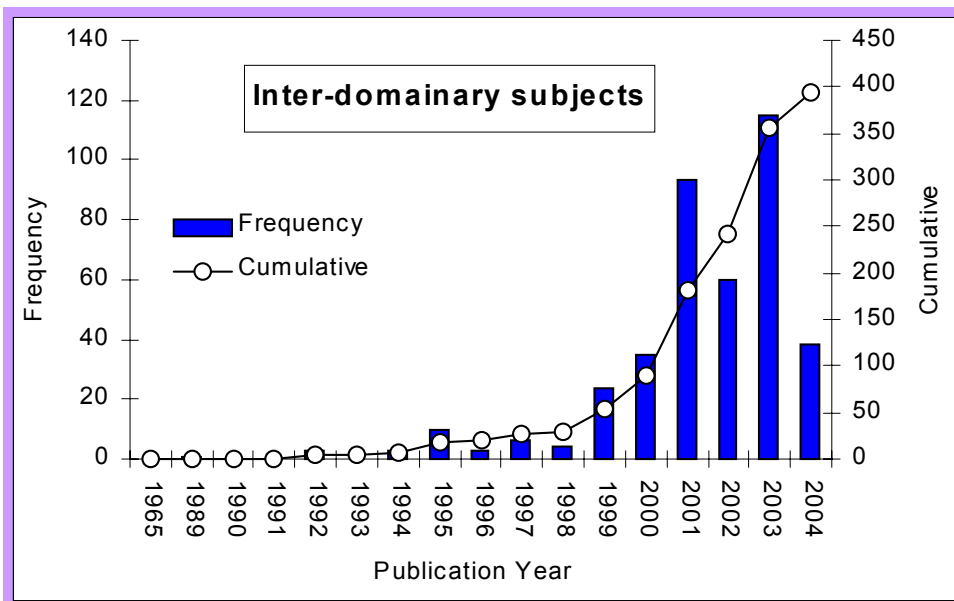


Fig 42: Frequency and growth of EPrints in the live archives having Inter-domainary Subject specifications at site eprints.rclis.org having 395 EPrints downloaded on and up to 7th July, 2004

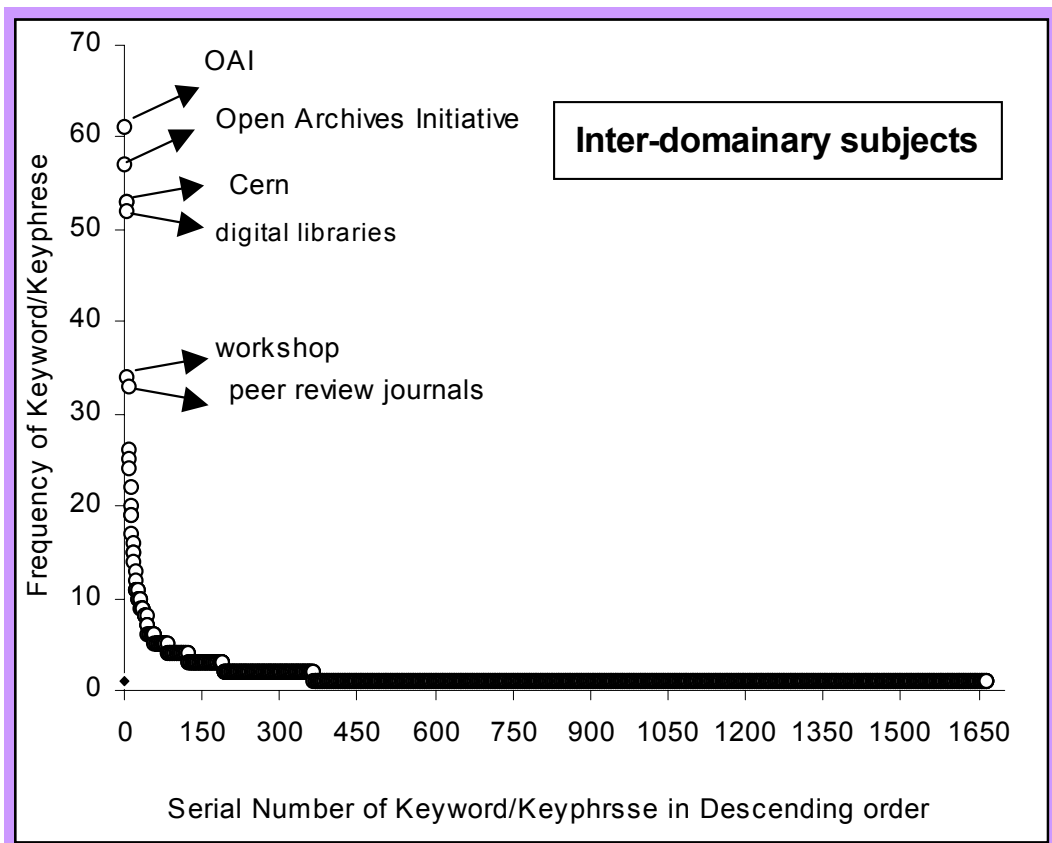


Fig. 43: Keywords/Keyphrases occurrence in the metadata having Inter-domainary Subject specifications at site eprints.rclis.org having 395 EPrints downloaded on and up to 7th July, 2004

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Lei A. (1996) Writing Sample Analyzer © by Aella Lei
<http://resources.aellalei.com/writer/sample.html>

Library and Information Science Archives websites:

E-LIS (EPrints in Library and Information Science) <http://eprints.rclis.org>;

@RchiveSIC <http://archivesic.ccsd.cnrs.fr/>;

LDL (Librarians' Digital Library) <https://drtc.isibang.ac.in/>;

DLIST (Digital Library of Information Science and Technology)
<http://dlist.sir.arizona.edu/>;

MémSIC <http://memsic.ccsd.cnrs.fr/>;

Caltechlib (Caltech Library System Papers and Publications)
<http://caltechlib.library.caltech.edu/>)

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<http://eprints.relis.org/archive/00001046/>

Vidyarthi A (2003) LibSoft Release 3.08, amardeepvidyarthi@rediffmail.com