E-Publishing at CERN:

the life of an electronic document

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Questions

- What's a document today ?
- What do we try to do with it ?
- What can be its life cycle ?
- What does it cost, to us and to you ?
- What we would certainly like...

A Document today:

1- **Meta Data**

Report Number, Abstract, Publication info, Date, Title, (URLs), Authors, Keywords

US MARC

2- **Data**

Book, Manual, Photo, Video, Article, Report, Preprint, Writeup, Note, Proceeding, Minute

LateX
Word
FrameMaker
HTML
PostScript
PDF
...

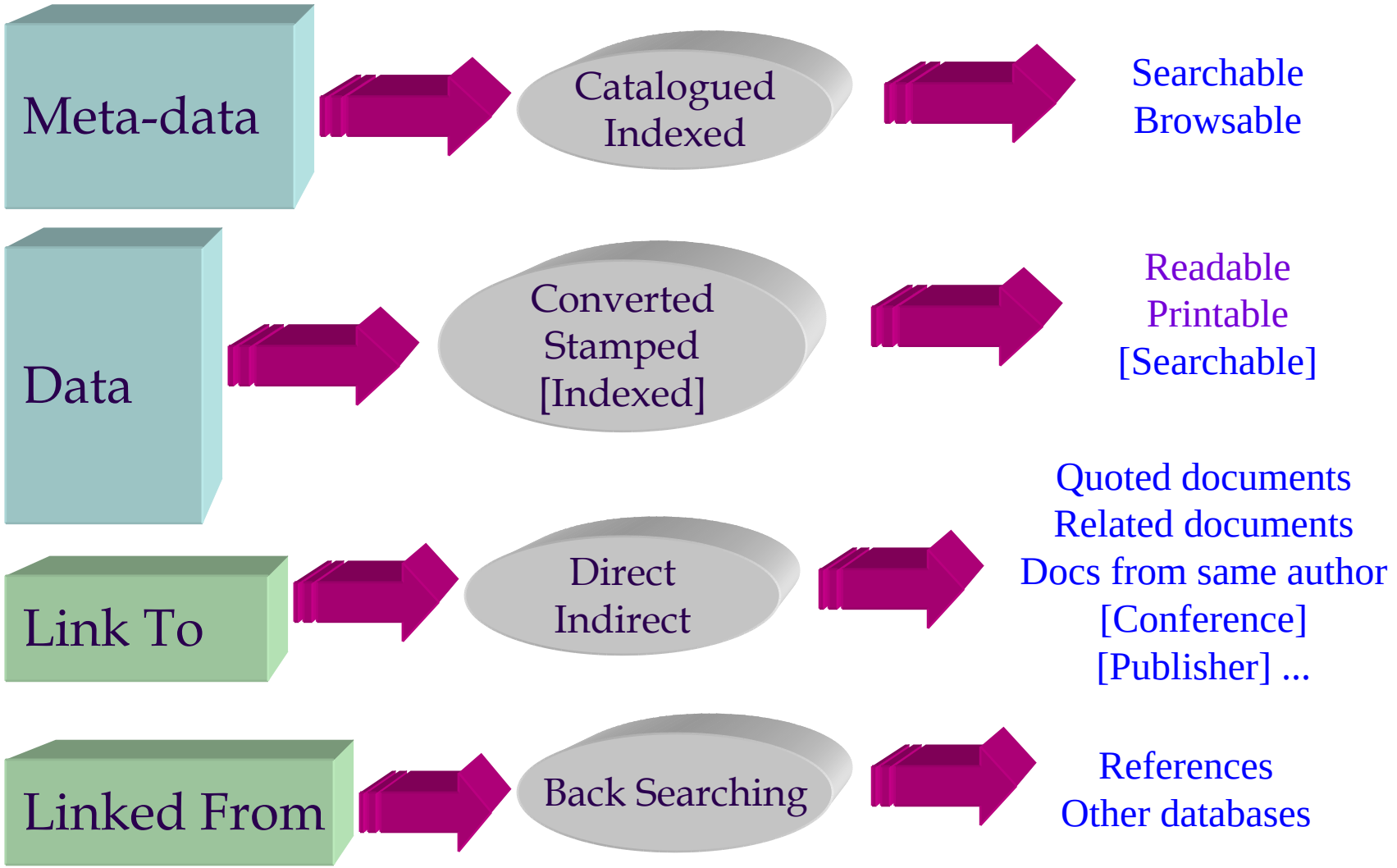
3- **Link To:** all documents it refers to (and more)

URLs
Identifiers

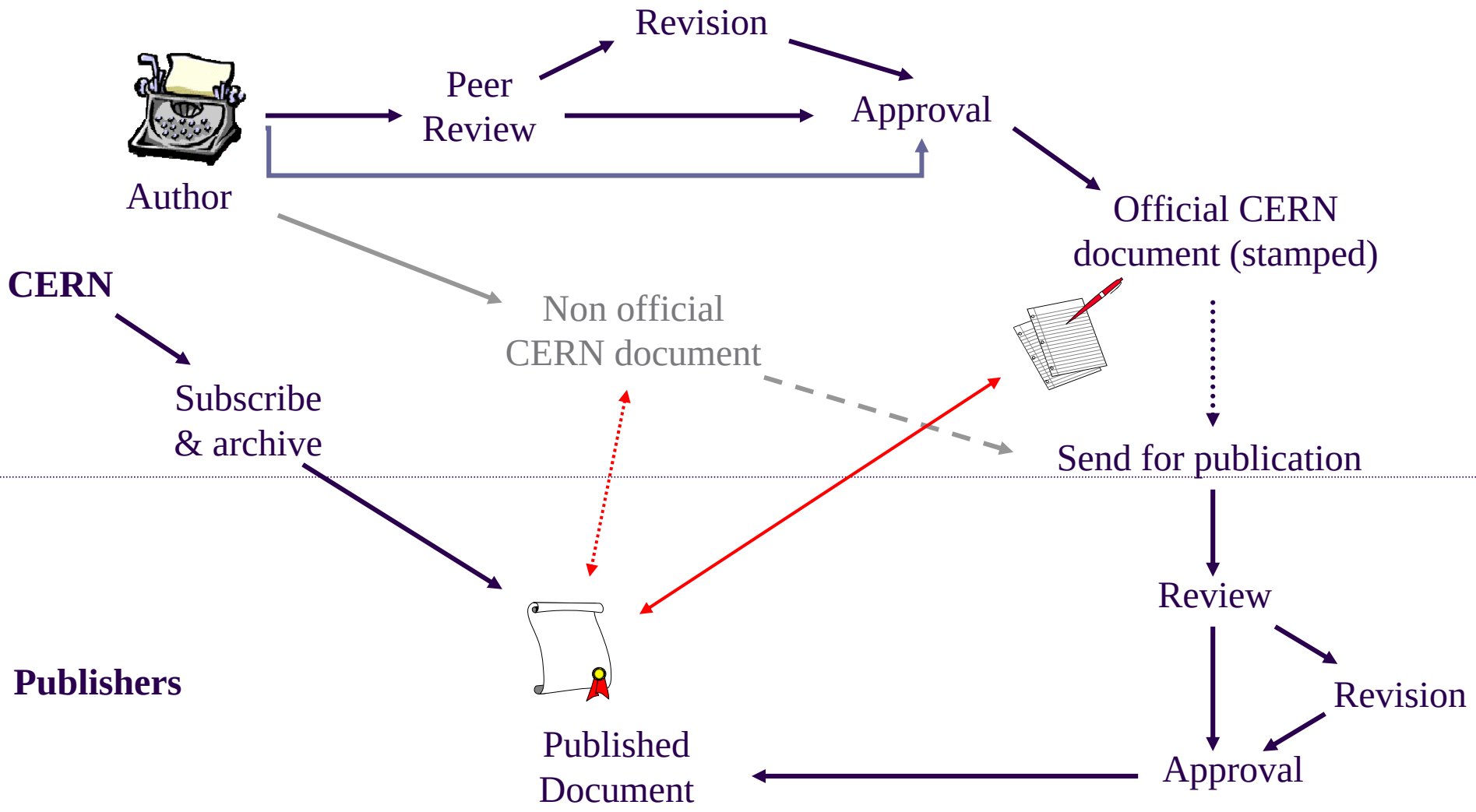
4- **Linked From:** all documents it is cited by (and more)

Calls to Databases

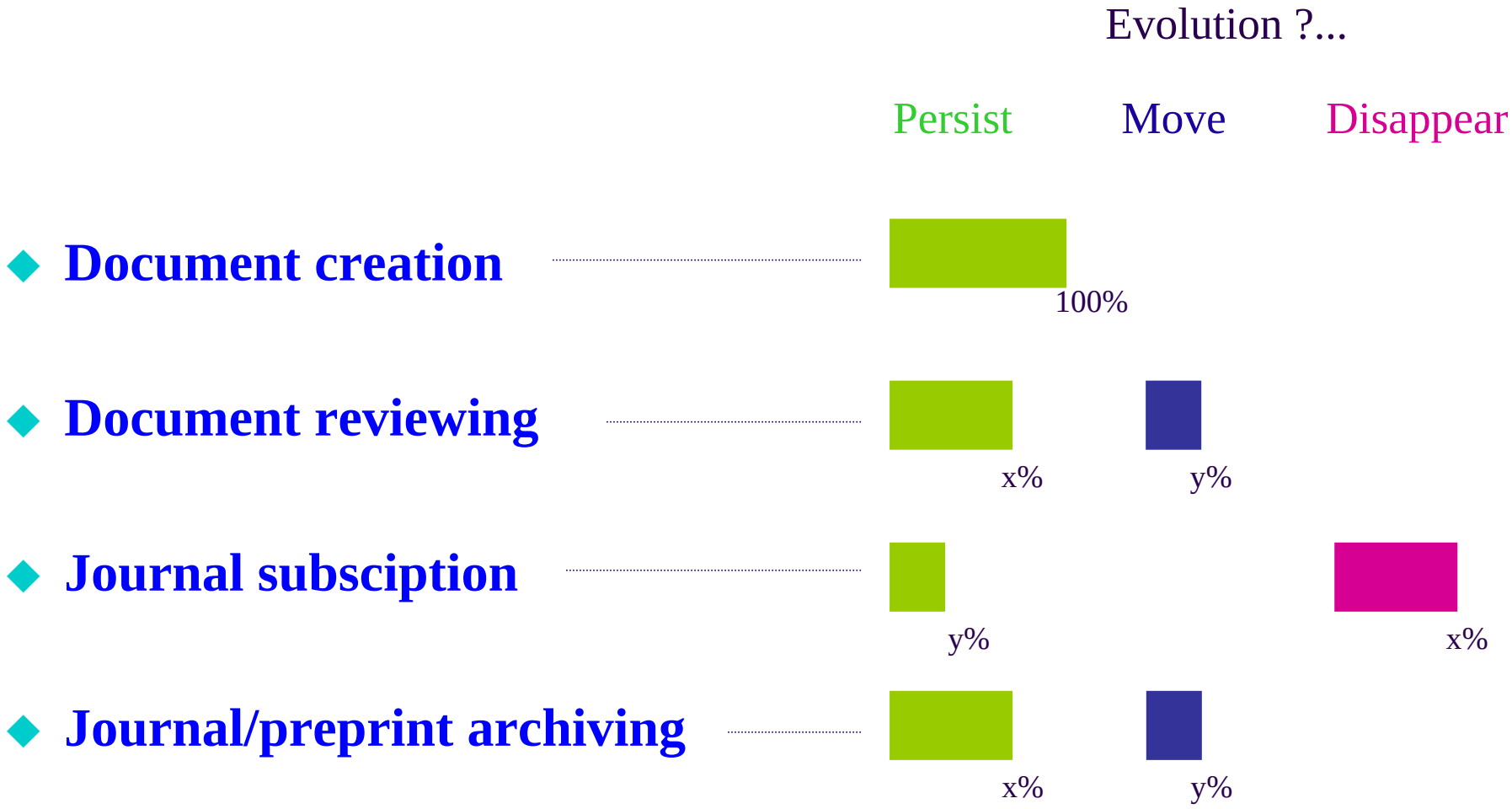
Document cooking:



Document life cycle:



The four costs at CERN:



Will these costs remain in the electronic age ?

Wishes to publishers:

- **Electronic procedures for submission (easy forward of scientific notes)**
- **Backwards electronic collection: retrospective digitalisation**
- **Linking !**
  - **Provide us with publication information related to preprint number**
  - **Make us possible to link to you from the publication information: name - volume/year - page/issue**