Cataloguing citations for print and electronic resources in libraries (LOC-DB-project)

https://locdb.bib.uni-mannheim.de/

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Project goals

MAIN GOAL: Prove that efficient and sustainable cataloguing of citations is possible (in libraries)

→ Manageable, **well documented workflows** for data capturing
  - librarians (quality) + automatisms, network (quantity)

  - **embedded in the routine workflow** for new acquisitions, or in projects (retrospectively),
  - for every publication type (journals, monographs, collections)
  - in **print and online** resources

→ **Cost-benefit analysis for decision makers**
Planned architecture and workflow

Editorial system

Linked Open Data

LOC-DB Instanz 1

SWB

OLC-SSG

Springer

LOC-DB Instanz 2

LOC-DB Instanz n

Print

PDF

Web

Print
Vision of the LOC-DB in the LOD cloud
Principles in the project

• Reuse as much as possible
  - Data
  - Tools

• Use OCR, automatic reference extraction, smart lookups and searches to automate as much as possible

• Create efficient editorial system for the manual interactions

• Output will be
  - Open linked data
  - Open software
  - Open workflows
Project key facts

- **Name:** Linked Open Citation Database (LOC-DB)  
  https://locdb.bib.uni-mannheim.de/

- **Funding:** German Research Foundation [DFG]

- **Operational Time:** Oct. 2016 - 2018

- **Project partners:**
  - German Research Center for Artificial Intelligence
  - Hochschule der Medien
  - Leibniz-Informationszentrum Wirtschaft
  - Leibniz Information Centre for Economics
  - Mannheim University Library