Linked Open Citation Database (LOC-DB)

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

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Project key facts

- **Funding:** German Research Foundation (DFG)
- **Operational Time:** Oct. 2016 - 2018
- **Partners:**
  - Prof. Dr. Andreas Dengel, German Research Center for Artificial Intelligence, Kaiserslautern
  - Prof. Dr. Kai Eckert, Stuttgart Media University
  - Prof. Dr. Ansgar Scherp, German National Library of Economics (ZBW) - Leibniz Information Centre for Economics
  - Dr. Annette Klein and Dr. Philipp Zumstein, Mannheim University Library
Project goals

**Main goal:** Prove that efficient and sustainable cataloguing of citations is possible (in libraries)

→ Manageable, well documented workflows for data capturing
  - embedded in the routine workflow for new acquisitions, or
  - in projects (retrospectively),
  - for every publication type (journals, monographs, collections)
  - in print or online format

→ Cost-benefit analysis for decision makers

→ Reuse of existing data

→ Automated data extraction methods

→ Result: Linked Open Data
Planned architecture and workflow

Linked Open Data

Editorial system

LOC-DB Instanz 1

SWB

OLC-SSG

Springer

LOC-DB Instanz 2

LOC-DB Instanz n

OCR

Print

PDF

Web
Vision of the LOC-DB in the LOD cloud
LOC-DB

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