An Integrated Environment for Literature Research

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Too many context switches
I don’t like tables,...
…I want graphs!
...and I want hyperlinks!
HYPERLINKS FOR EVERYBODY!
ILE

The Integrated Literature research Environment
Demo
Issues

- data quality (BibTex, metadata extraction)
- PDF readers & custom URI schemes
- macOS + Adobe Acrobat only
- tests
Potential

• Extensible model
• How did the field evolve?
• Import/export for scgbib
Standing on the shoulder of giants

- EggShell: paper & author graph
- pdfdbscrap: fetch PDFs
- scholar.py: scrape Google Scholar
- CERMINE: metadata extraction
- PDFBox: PDF instrumentation
- Pharo: Citezen, Neo, Spec, Roassal, GT
Hail to the ILE!

The future master of BibTex
PDFs
state