

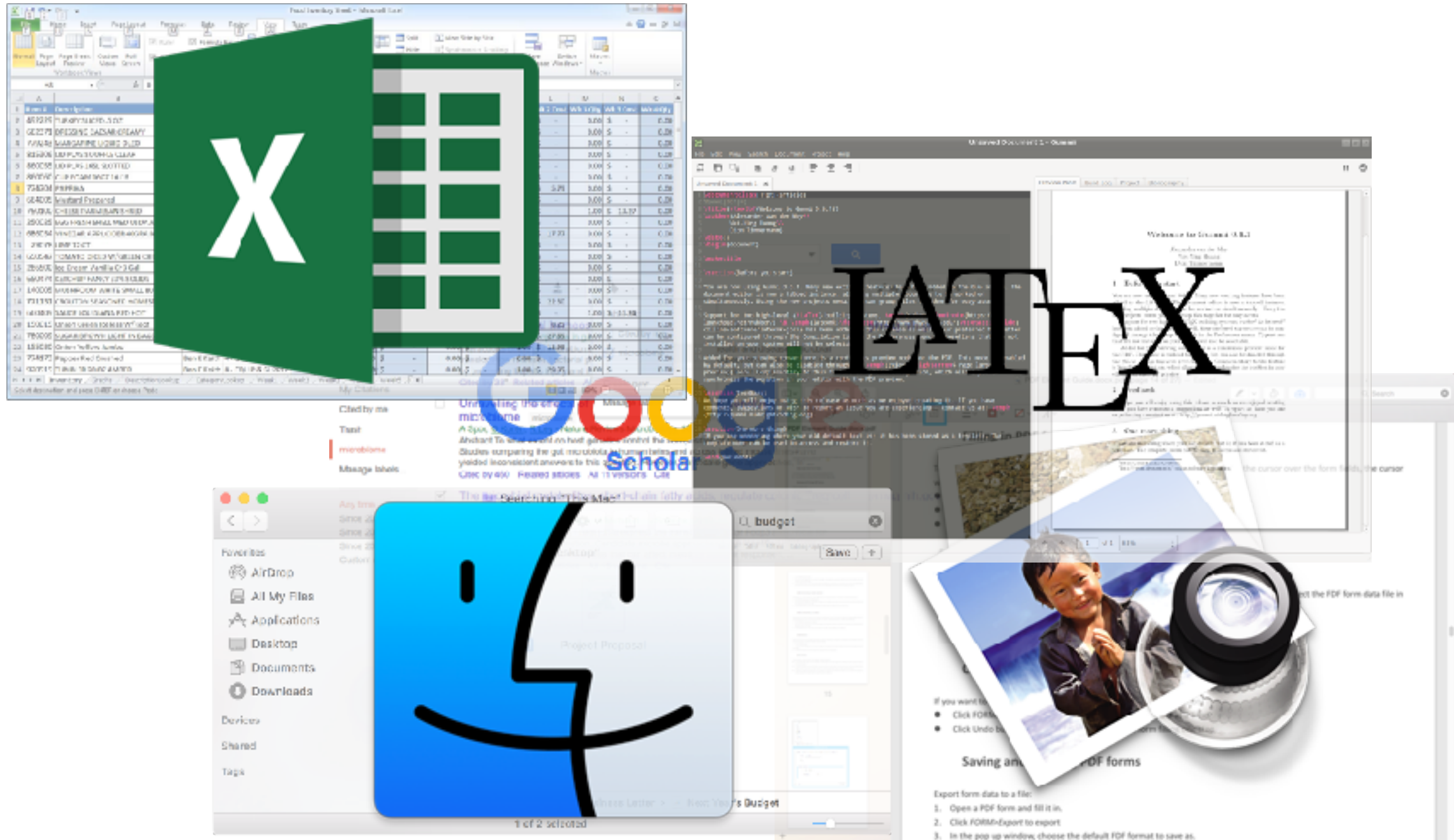
An Integrated Environment for Literature Research

A faint, light gray background illustration of a person on horseback, holding a long spear or staff. The figure is positioned centrally, with the horse's head and front legs visible. The overall style is minimalist and artistic.

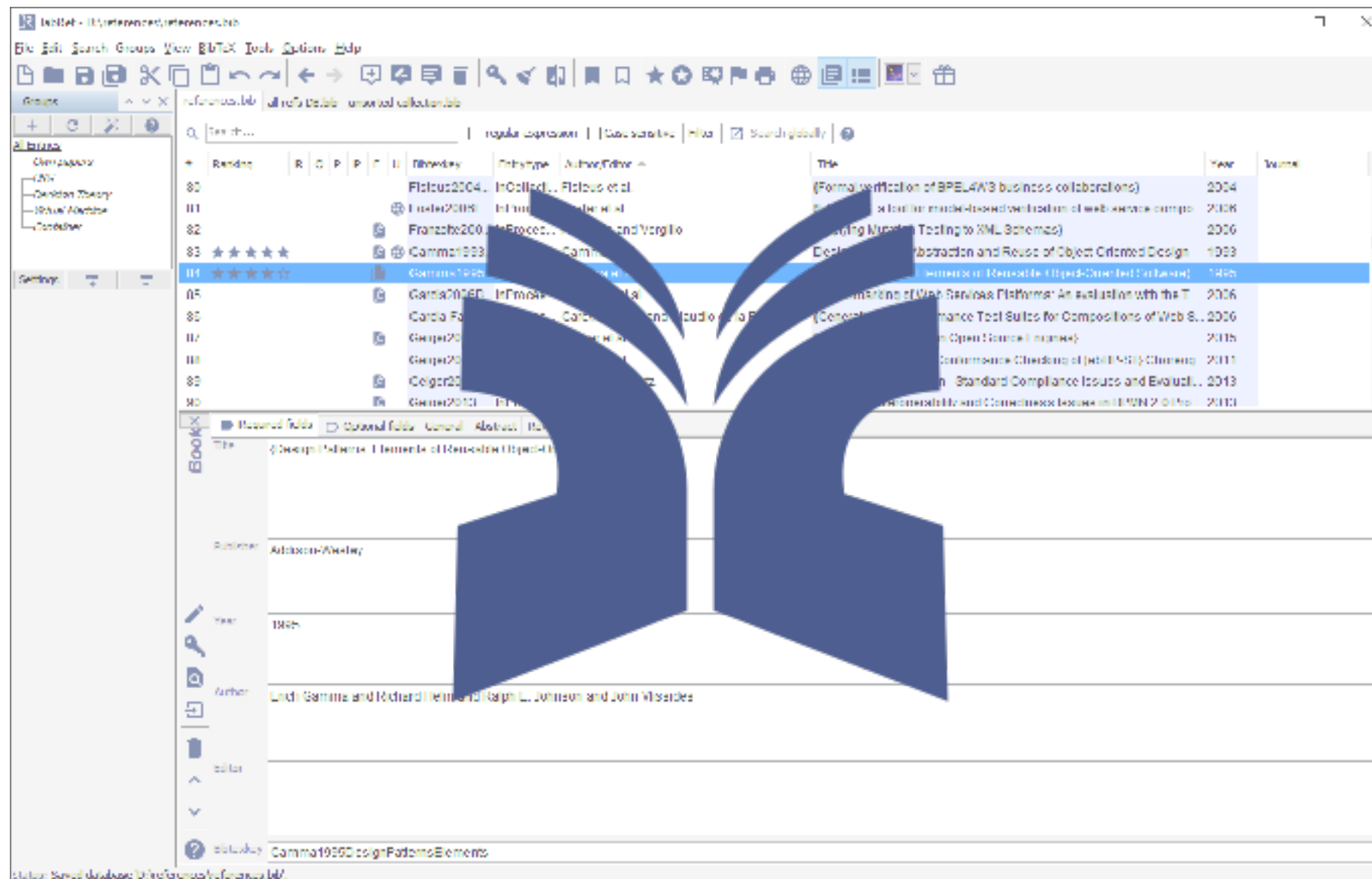
Manuel Leuenberger

SCG seminar, 31.10.2017

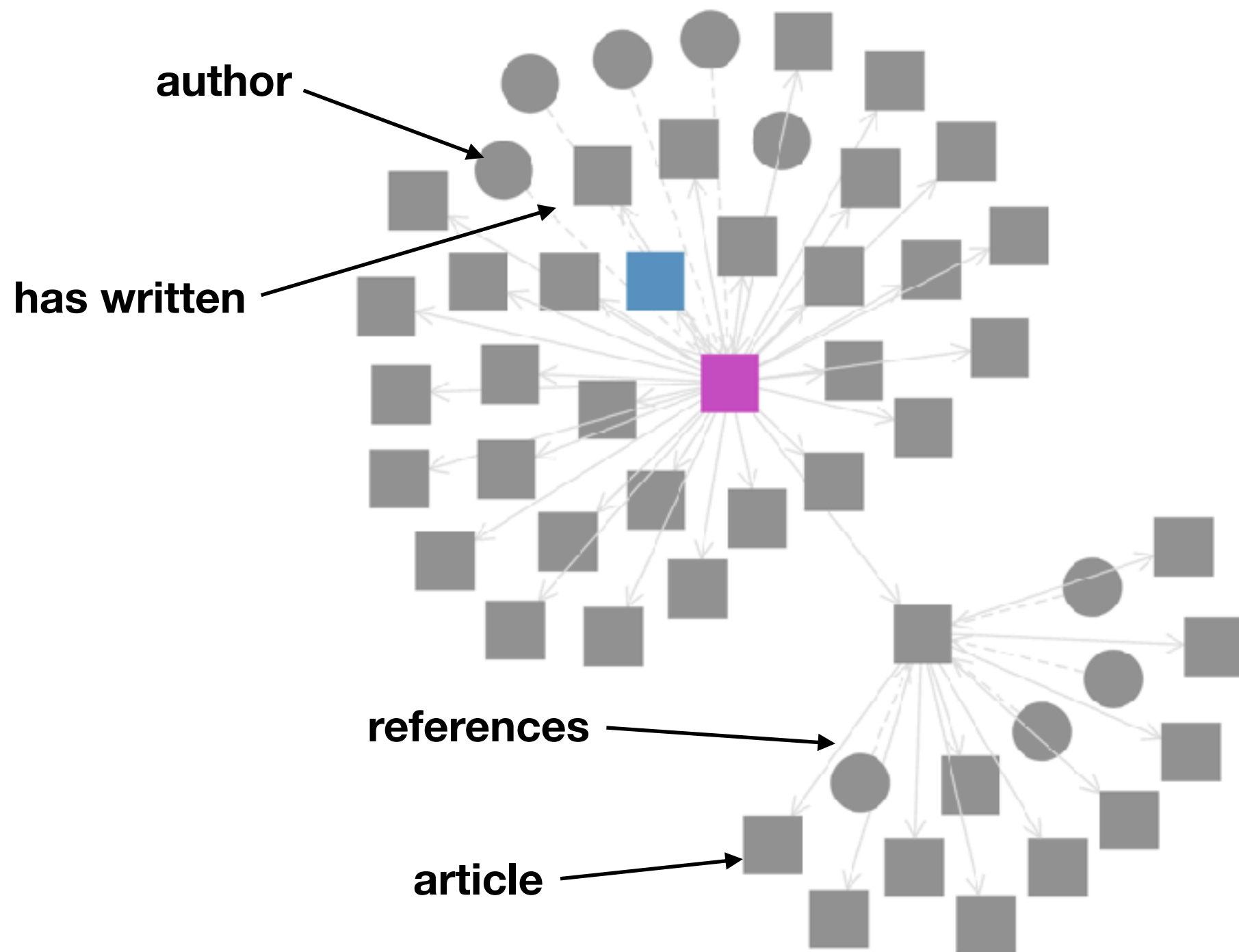
Too many context switches



I don't like tables,...



...I want graphs!



...and I want hyperlinks!

REFERENCES

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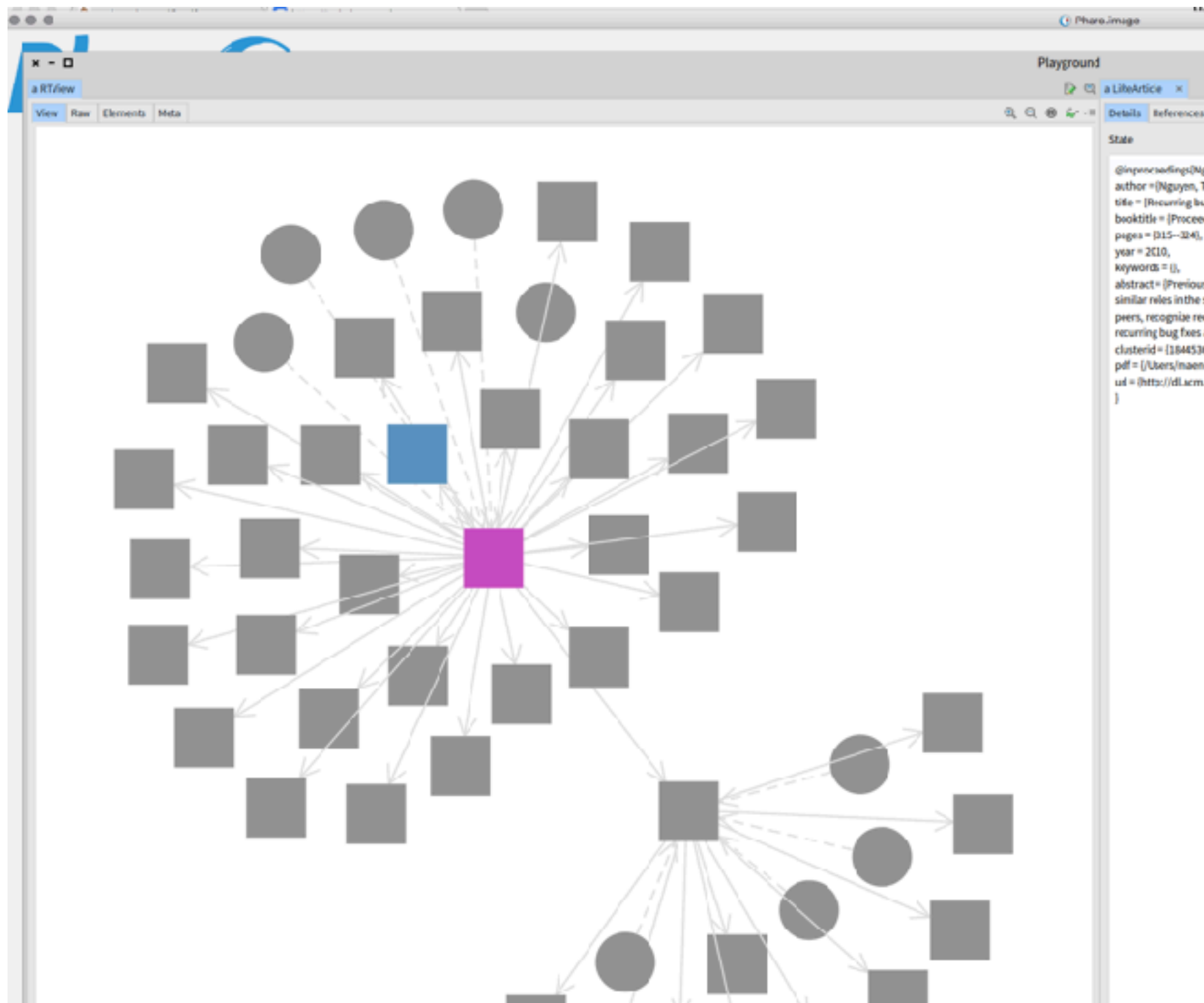
A full-body shot of Oprah Winfrey in a bright red, double-breasted dress. She is standing on a stage with a blue backdrop and wooden paneling. Her arms are raised high, and she is holding a black microphone in her right hand. Her mouth is wide open in a shout or cheer. The text "HYPERLINKS FOR EVERYBODY!" is overlaid in large, white, bold, sans-serif capital letters across the lower half of the image.

**HYPERLINKS FOR
EVERYBODY!**



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

A black silhouette of a knight on a horse, holding a lance high in the air, set against a bright, hazy sky. The knight is facing right, and the horse is in a rearing or galloping pose. The lance is a long, thin pole held in the knight's right hand.

Hail to the ILE!

**The future master of
BibTex
PDFs
state**