

Topic idea from Dr. Bobby Bryant, CSE, UNR

I need a tool to help me manage the papers I've read, so I can find them again when I need to reference them. I.e., some kind of database that allows lookups by title, partial title, author(s), partial author(s), and keywords. It would also need to support storing notes about papers and authors in free text format.

This is not to be confused with similar tools that already exist (e.g. pybliographer), which AFAICT are designed for manipulating bibliographic databases. One of those might serve as a foundation for the proposed tool, e.g. the tool might load and manipulate a large shared database, but should also keep a separate private file that identifies the papers in the database that you have read, and stores your private notes about those papers.

I would suggest releasing it under the GPL (or whatever license one of the existing tools uses, if it is used as a foundation for the project), so that it will live on after the class project is done.

Also, the requirements above are off the top of my head; it might be good to interview other researchers to refine the feature set.