Research Graph

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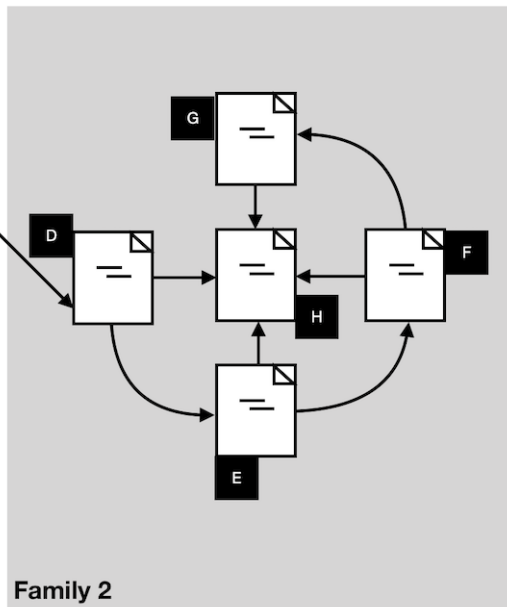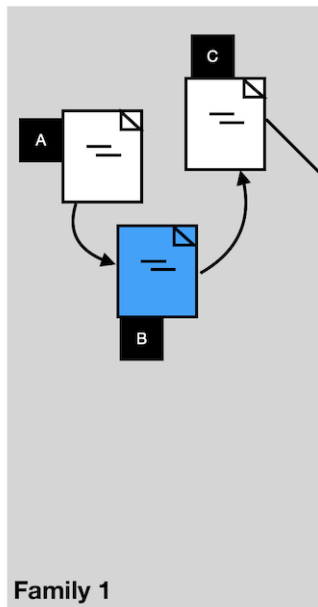
Family 1

Family 2

Research Graph: Planned Features

Search papers	✔
Display paper families	✔
Filter papers	✔
Display detailed paper information	✔

Research Graph: Extra Features

Family types

Paper Timeline

Keyword Highlights

Influence Highlights

Paper Clusters

Mockup

Link:https://github.com/Jibbow/research-paper-graph/blob/
master/doc/img/mockup.gif

Demo

Link:https://research-paper-graph-frontend.herokuapp.com/

Performance

To Do

Lessons Learned

Plan

- Define your goals before you start.
- Design a mockup before you start.
- Define your architecture before you start.
- Define your technology stack before you start.

Team

- Define tasks and assign team members.
- Communicate regularly.

Technology

- Flask and SQLAlchemy serve Python backends very well.
- PostgreSQL is a good choice for many database problems, including our research paper graph.
- D3 is a good choice when you want to plot graphs.
- The Semantic Scholar API offers a huge amount of papers, including database papers.

Github

https://github.com/Jibbow/research-paper-graph

Thank you