

Biblio

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- ❖ Jiefeng Zhai

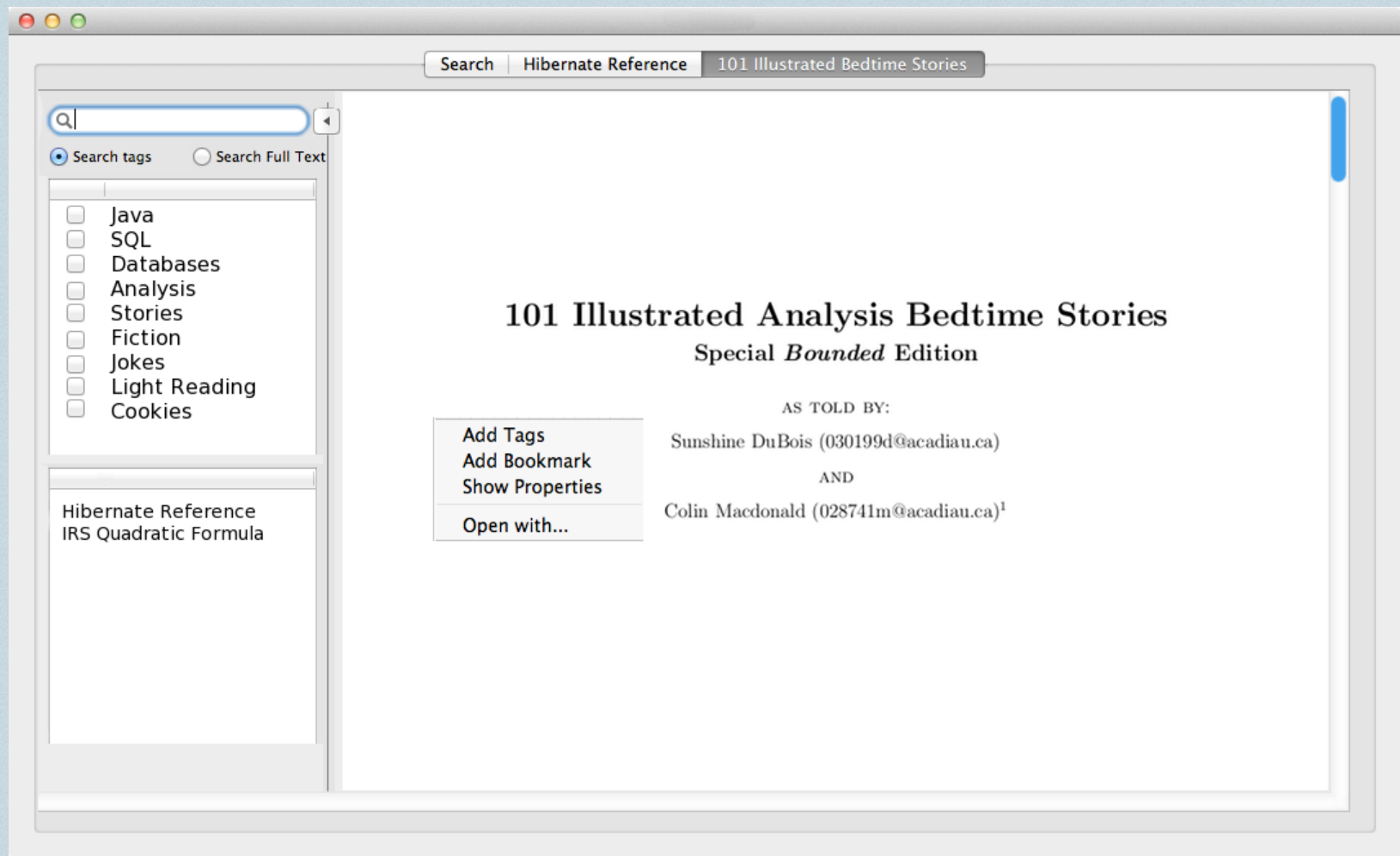
Agenda

- ❖ Overview
- ❖ Architecture
- ❖ Design
- ❖ Use Cases
- ❖ Implementation Status

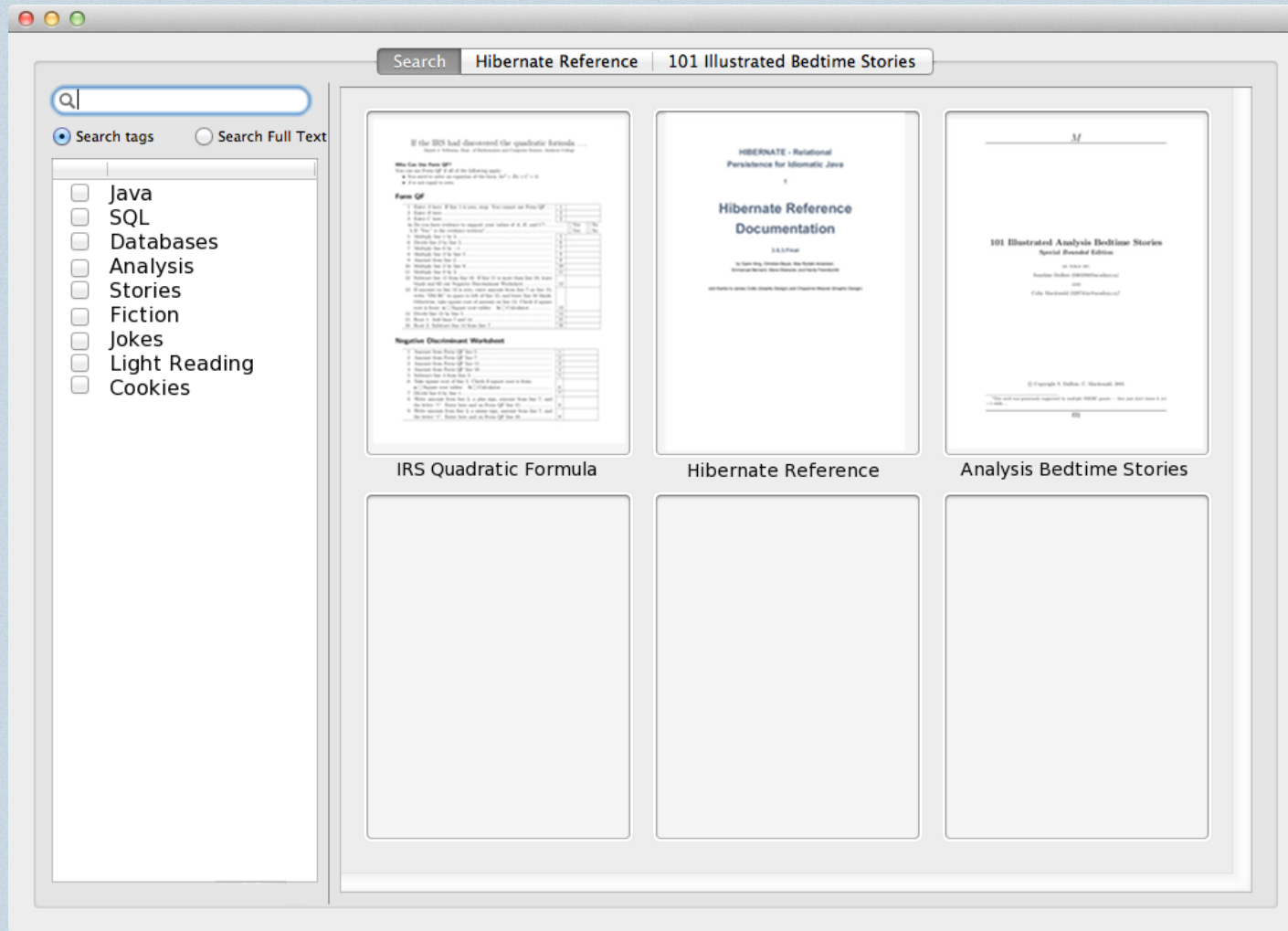
Motivation

- ❖ Strange File Names
- ❖ Music libraries, so why not text-based libraries?
- ❖ Non-hierarchical relationships
- ❖ Organize and view in one application

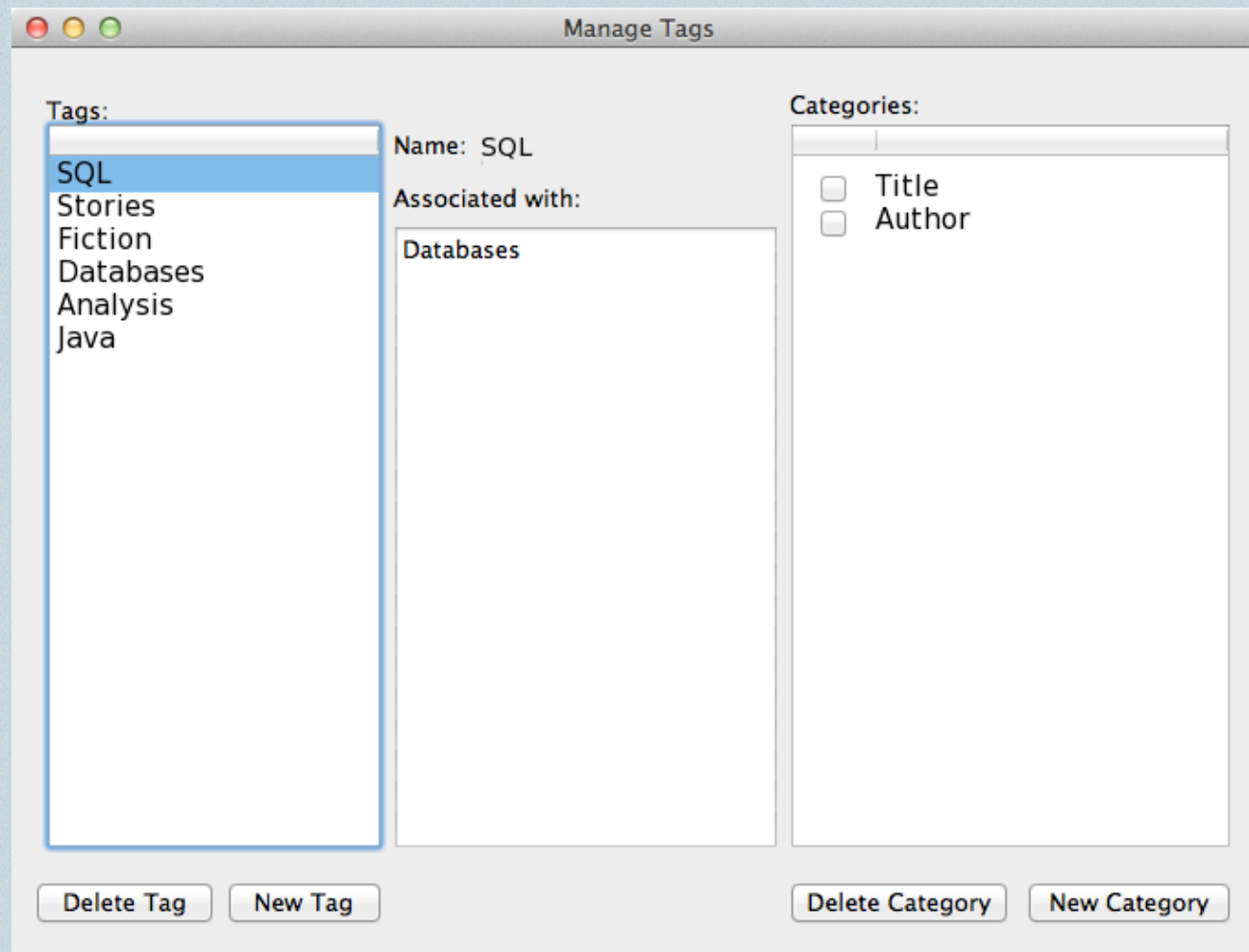
Reading



Searching



Tag Management



A screenshot of a 'Manage Tags' dialog box. The dialog has a title bar with standard window controls and the text 'Manage Tags'. It is divided into three main sections. On the left, a 'Tags:' list contains 'SQL', 'Stories', 'Fiction', 'Databases', 'Analysis', and 'Java', with 'SQL' selected. In the center, the 'Name:' field is set to 'SQL', and the 'Associated with:' field contains 'Databases'. On the right, a 'Categories:' section has two unchecked checkboxes for 'Title' and 'Author'. At the bottom, there are four buttons: 'Delete Tag' and 'New Tag' on the left, and 'Delete Category' and 'New Category' on the right.

Manage Tags

Tags:

- SQL
- Stories
- Fiction
- Databases
- Analysis
- Java

Name: SQL

Associated with:

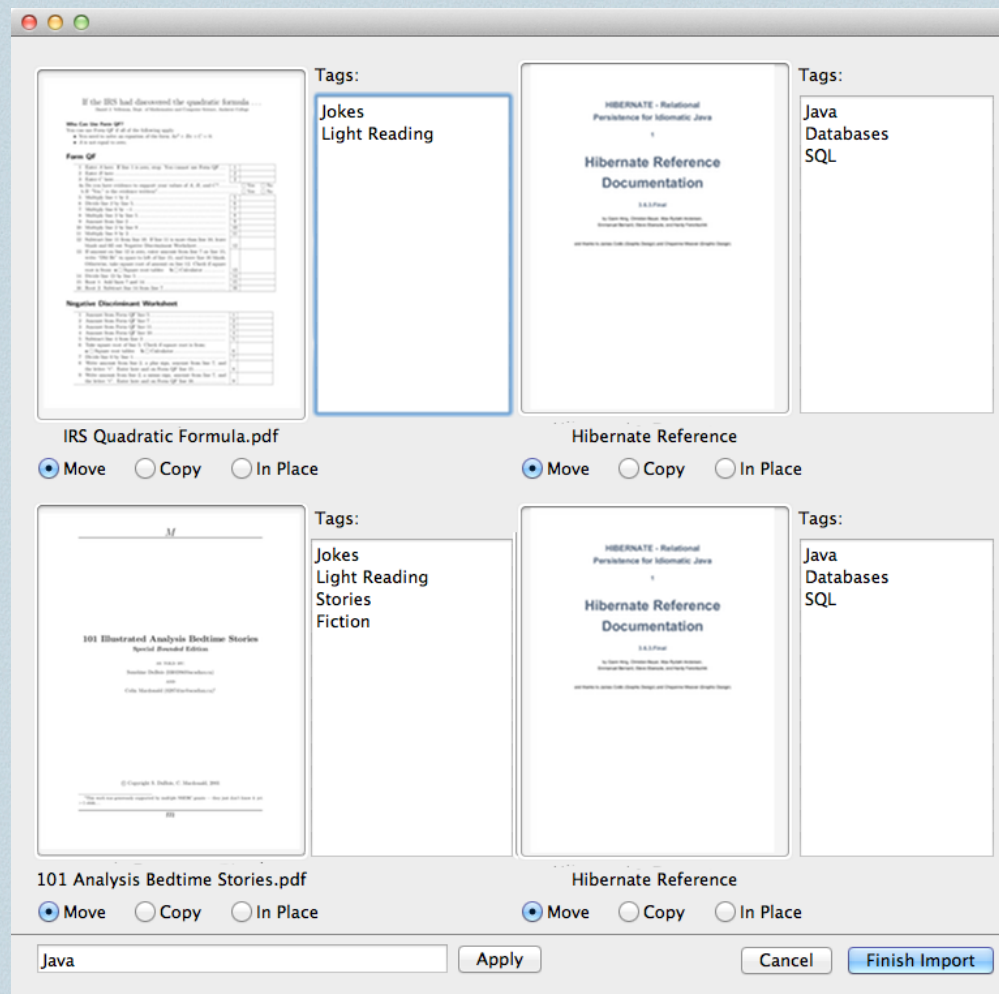
Databases

Categories:

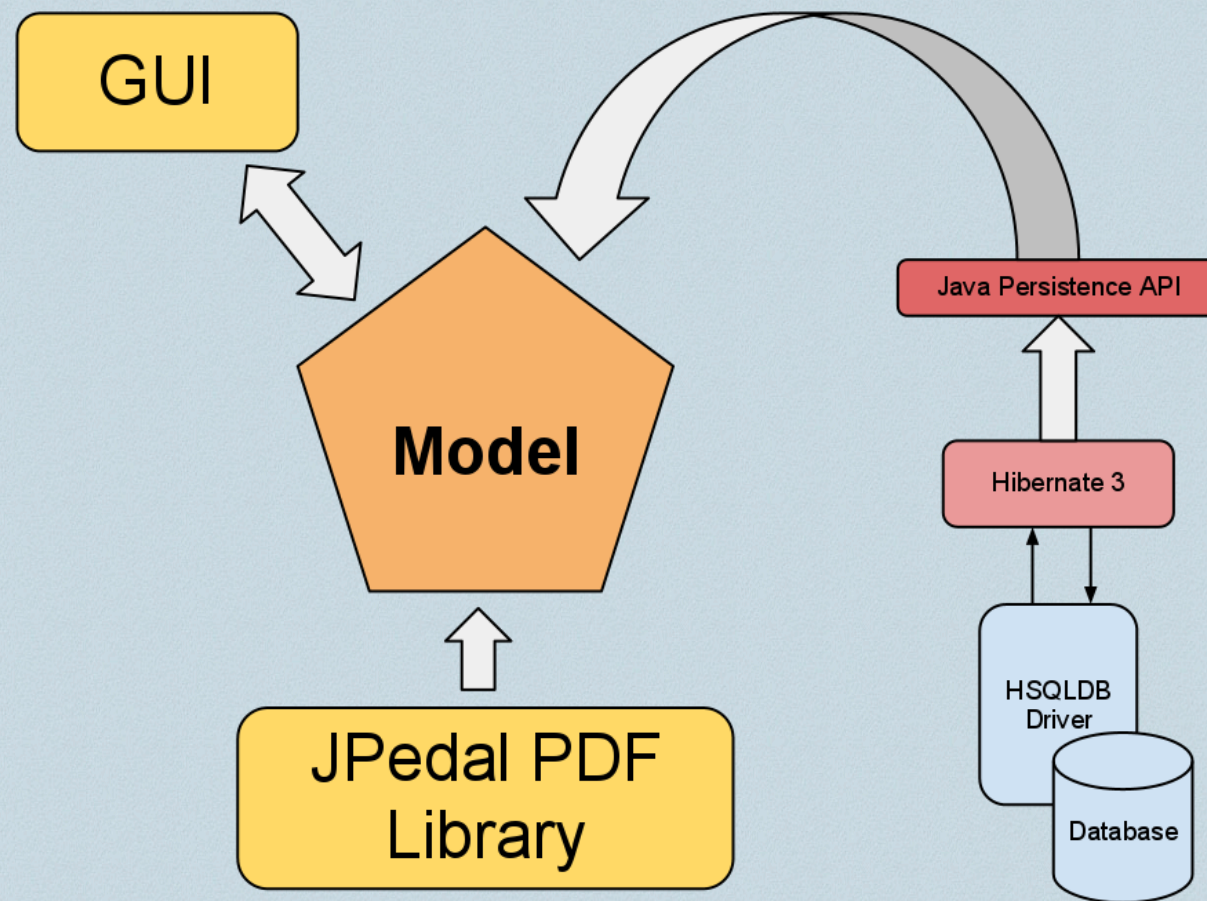
- ☐ Title
- ☐ Author

Delete Tag New Tag Delete Category New Category

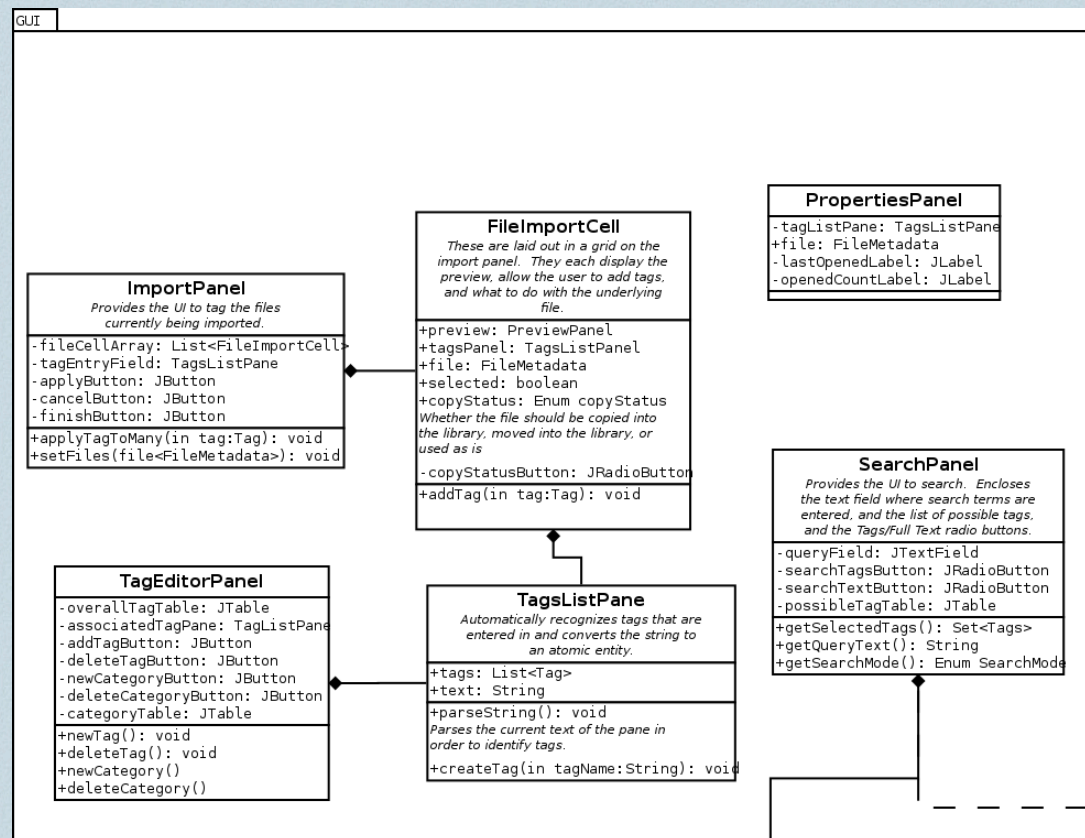
Importing



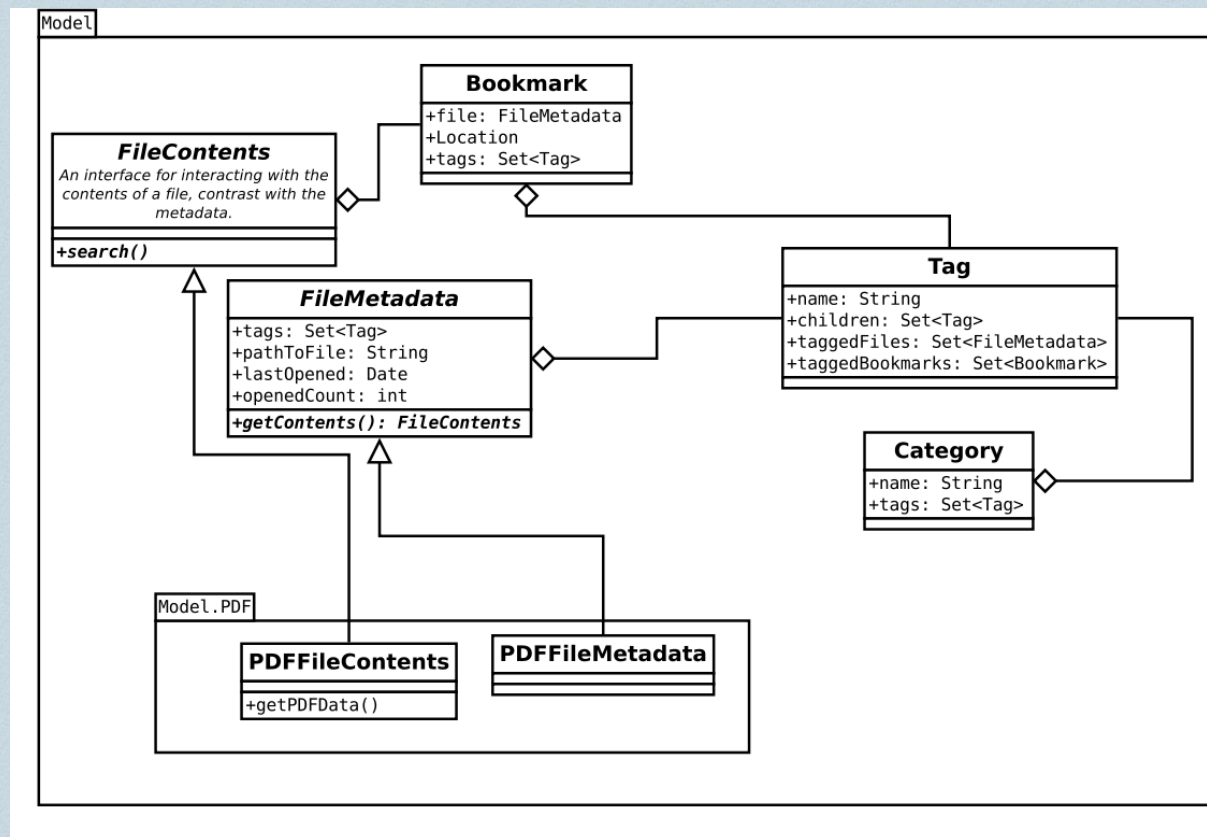
Architecture



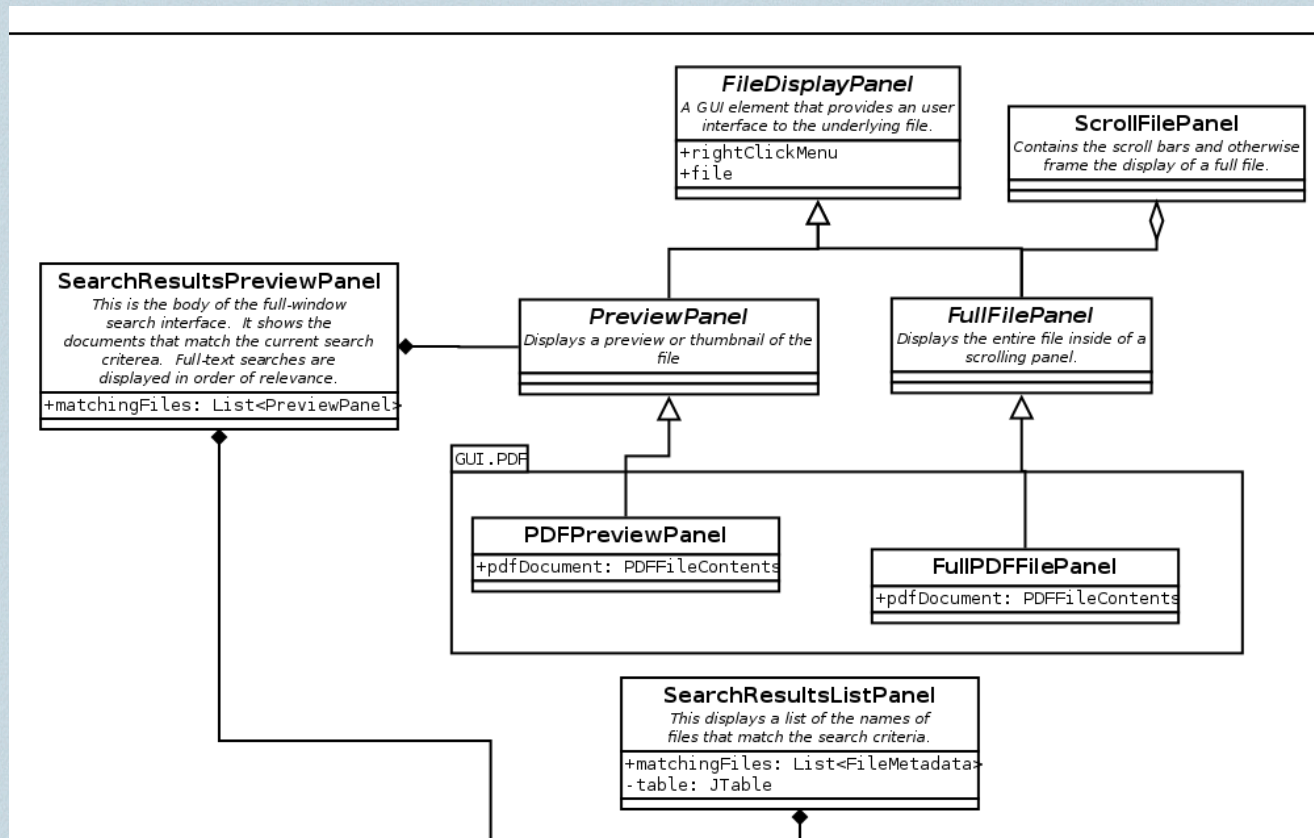
Code Overview: Import



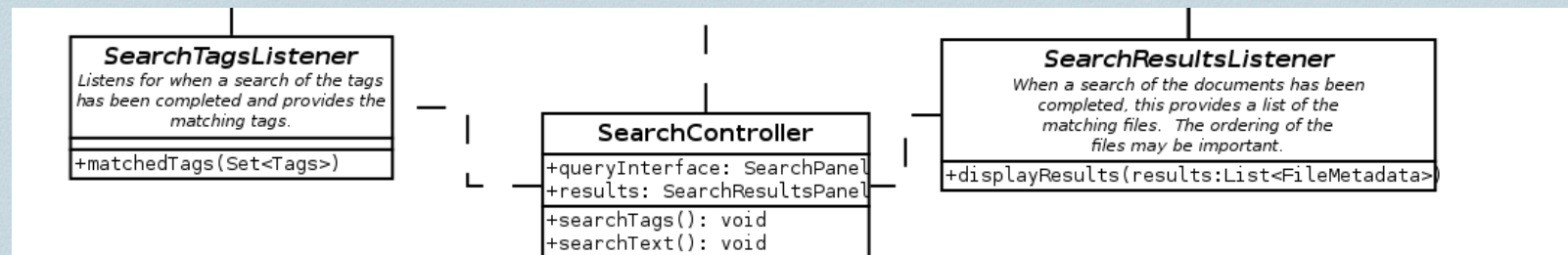
Code Overview: Model



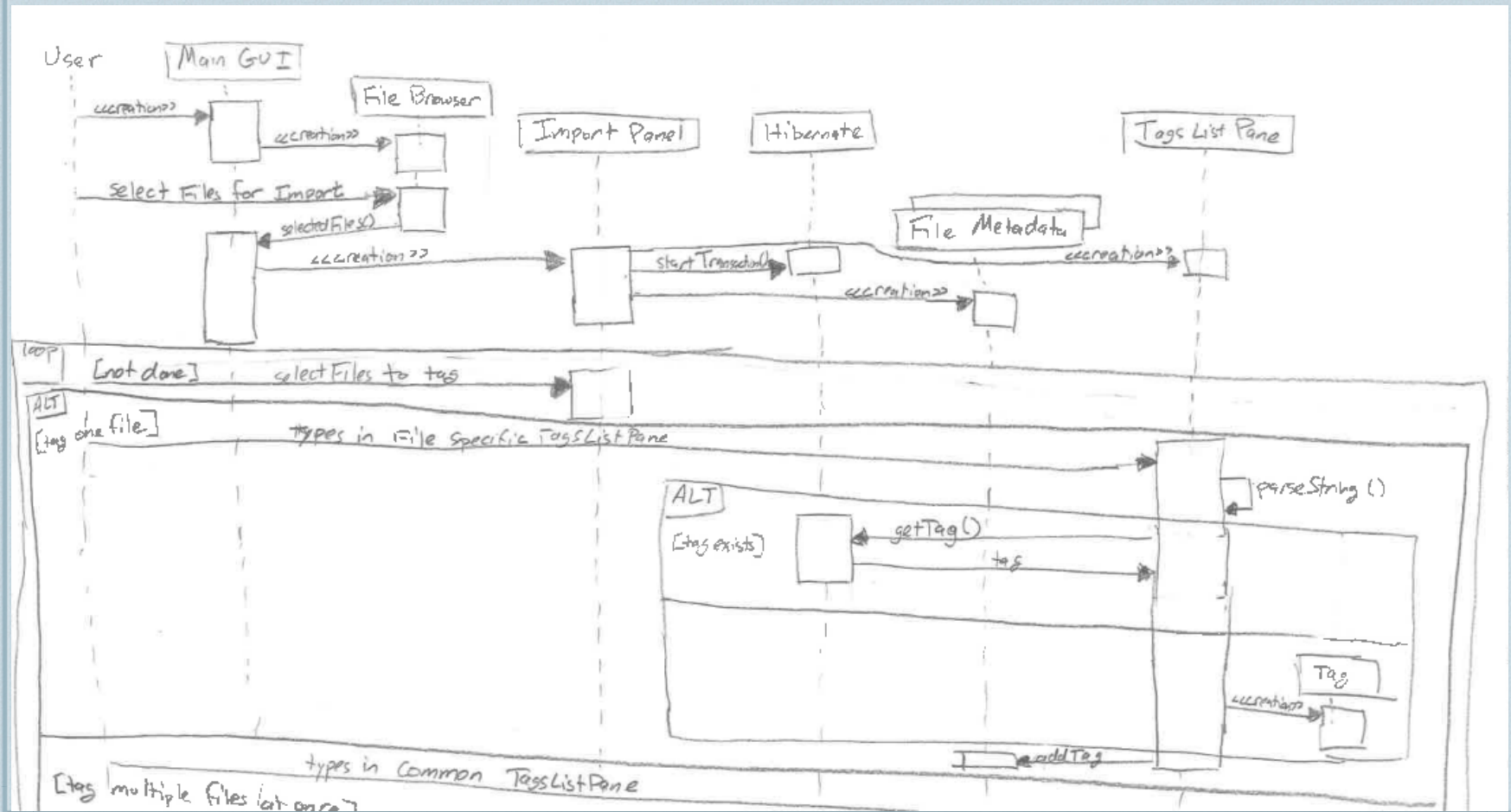
Code Overview: File Display



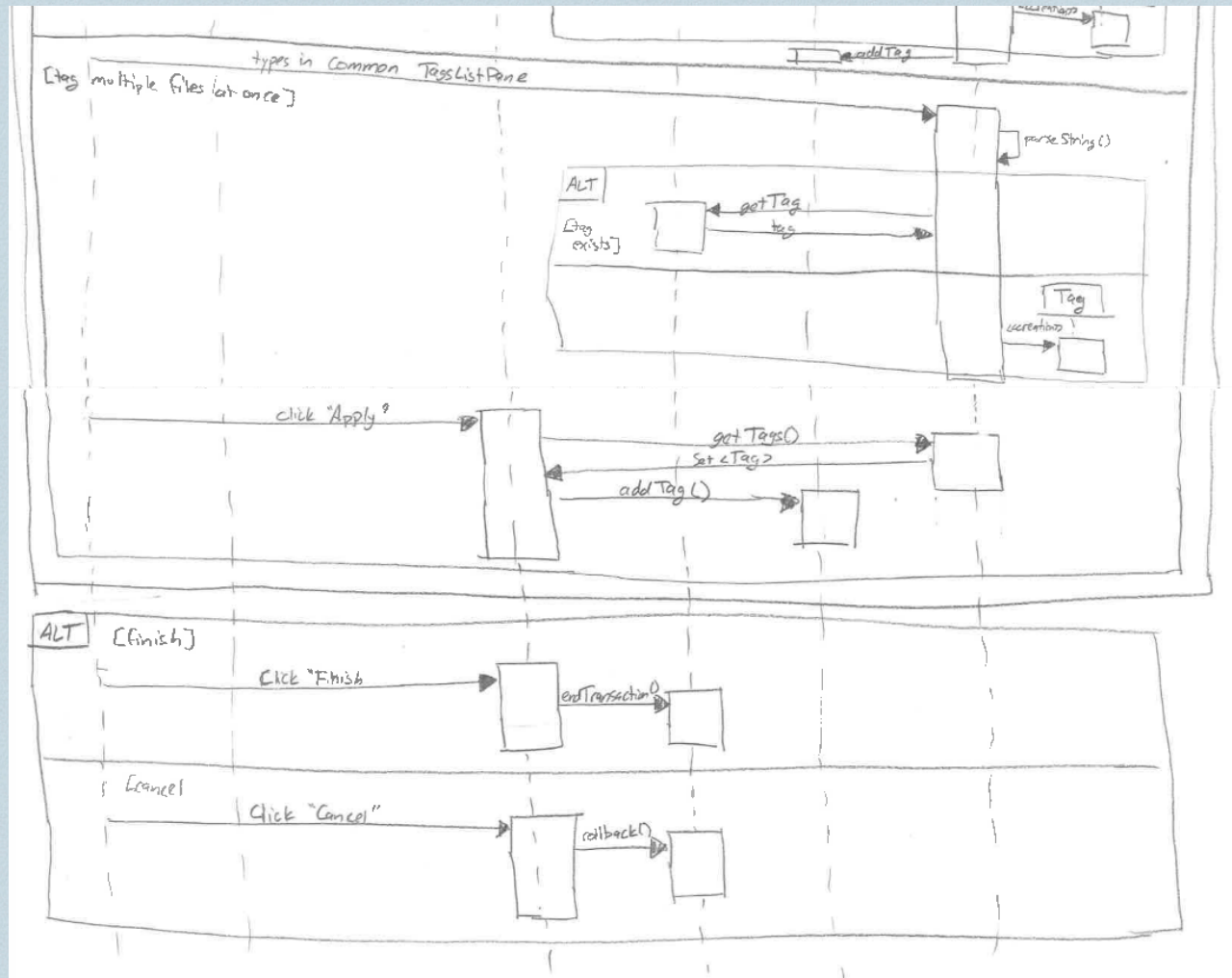
Code Overview: Search



Use Cases



Use Cases



Status

- ❖ Hibernate integrated with HSQLDB
- ❖ Render and display PDFs in a scrollpane using JPedal
- ❖ Basic import GUI

Plans

- ❖ RSS Reader
- ❖ Full-Text Search
- ❖ More File Formats
- ❖ Bookmarking