

MSc Individual Project

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A Community-based Meta-Search Engine for Design Patterns

Application name: Squirrel (developed using Java and Eclipse)

Folder structure:

- src: contains the system's source code (.java files), further divided into package subfolders (for more information please refer to section 5 and figure 4 of the report)
- lib: contains all **external** libraries used in Squirrel (in .jar form)
- queries: contains the test queries used to evaluate the system, in JSON format
- results: reserved for storing result files (in CSV format) when executing batch query tests
- collections: where all collection data is stored, with each collection living in a different subfolder
- dof: the complete data set of 608 QA documents taken from the dofactory community
- ans: the final data set of 333 documents, after filtering out documents with no answer, and those clearly irrelevant to our purposes (refer to section 7.1 of the report)

For convenience reasons, a collection representing the documents found in the 'ans' directory has been left placed in the 'collections' folder, so as to be ready for loading straight away. Similarly, the 'results' folder contains a few sample CSV files from our experiments. The rest of the folders retain their contents intact as described above.

I verify that I am the sole author of the programs contained in this folder ('src'), except where explicitly stated to the contrary.

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31/08/2012