DMD II Assignment I

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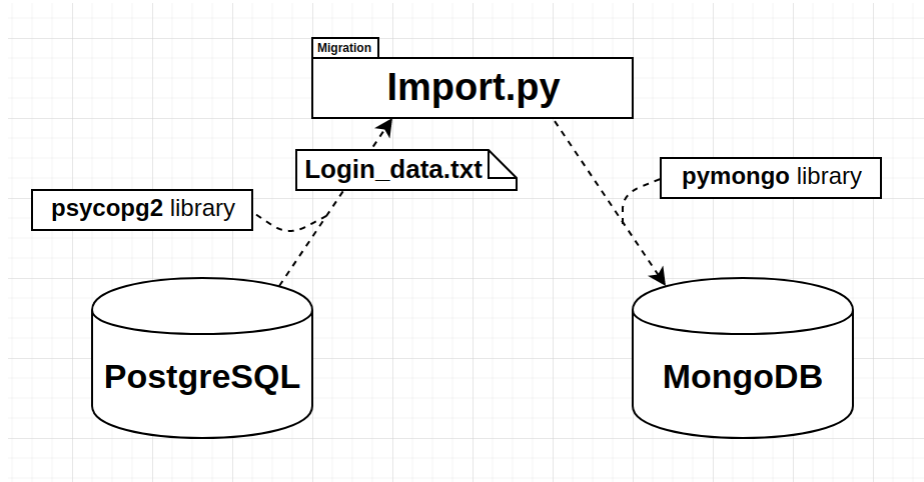
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1 Moving the database

Figure 1: Component diagram of DB migration

2 Adjustments for new database

As all the content of given database was moved safely and 100% completely, no adjustments needed to be made for the transported database on MongoDB

3 Quieries performance

For every query regular bruteforcing algorithm was used. Except for 5th query it was combined with Floyd-Warshall's algorithm to determine degrees of separation. Below are average timings for queries:

- 1st query: 1.81s

- 2nd query: 1.79s

- 3rd query: 2.49s

- 4th query: 28.6s

- 5th query: 3.72s

Note: all outputs and reports for requested queries are represented as `.csv` files with corresponding names