

Applied Databases

Assignment 2

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Bonus-Extra:

- Explicit check before creating and dropping an index that it already exists in the .sql scripts
- Checks with prepared statements for sql injection
- Index.php demonstration of the results in a table
- Use of comparator to easy change the ordering increasing/decreasing.
- Used 2 more classes for OOP
- I calculated the 4 points of the box using math and physics equations on my own to include the earth curvature in combination with loops for precise results
- Exceptions for everything and appropriate messages
- Export CLASSPATH from runLoad.sh so we can use `java Searcher "Superman" -x -75 -y 44 -w 100` at once without need to include the jar path. This is really difficult to implement because the shellscript environment is different from the parent (login shell) so the only way to change the CLASSPATH from the environment was either with the hack" I made or to run the script using `.(space)runLoad.sh`
- Use of double join instead of two select to improve the performance
- Use of a progress bar for the Indexer

