

CS550 Performance Document (PA#4)

Cyril Trosset A20316209

Section 1

CS 550

Performances

I've done some performance measurements on a basis of 10 tests with and without REGEX :

- For very small files it takes an average of 0.483s to compute the grep.
- For the 4GB files it takes an average of 28s to compute the grep.

Adding REGEX has not decreased the **average** performance :

- For a query with a simple word on the 4GB file, it has increased the computation time by an average of 2s.