Database Management System

Phase 3

November 23, 2015

The main task for us was choice the way which will be the best for organization storage of our DBMS. To solve this problem we are faced with the next problem: we should replace the NTFS on the own with imitation of SAM.

We are focused on the implementation of out-memory. It's implementation without fully loaded into memory by the entire structure.

The file structure is as follows:
Basic parameters taken 20 bytes.
The file includes tables, fields, types.
Spagetti-data in pages 16K(tree nodes) and bigger.
Query results.

The division of tasks:
Sokolov Maxim- backend & postgresql database developer
Ilya Izmailov- frontend developer & techical documentation writer
Kramarenko Dmitrii - self-created database developer