

This picture show the main architecture of the solution. You can describe briefly using standard definitions. Query optimizer was not finish and disk accessor is the library from the teacher.



This picture show the main class of the solution. I will describe briefly below, we have to complete and extend the definitions.

Base – Contains the basic behavior to error handling most objects

Base Execution - Contains the basic behavior to most executions objects

Scanner – Responsible to recognize and get tokens and valid analyze the lexical property against the grammar.

Parse – Responsible to valid the syntax of the command. This class will trigger the specific Grammar class for each command.

Grammar\_COMMAND – Implement the specific behavior for each command of the grammar

ParseTree – Responsible to control and storage of the nodes of the parsed tree. Can hold other specialized trees like query logical plans.

Node – Hold the unit information of the tree

preProcesso – Responsible to perform the pre processing of the parsed tree, check consistency of the tree like data types, if tables and fields exist

LogicalPlan – Responsible to convert the parsed tree in logical plan tree, just with the relational algebra commands

Executer – Responsible to execute each command and make the Disk library interface