COP 6726: Database Systems Implementation

Spring 2018

Weekly Assignment 7

13-03-2018:

Rcode to PHP to C++

01-03-2018

* Generalized Linear Aggregation
* To the system, all GLAs look the same. They are just some magic boxes with produce results.
* The magic of these black boxes is not only can they run specific operations on the data, they can parallelize most of the work.
* Lets talk about GLAs Abstract Data Type.
* Abstract separate interface from implementation.
* GLA as an AST
* GLAs must have some guarantee to make sure that they are generalized.
  + Associativity
  + Communicativity
* OrderBy : Think about
  + What the current state is?
  + How do we compare?
  + How do we merge?