ABSTRACT

Huge chance for inconsistency data in single system caused by crash. To solve the problem a methode is made which usually called database recovery. Afitur in DBMS that very usefull.

ARIES and Shadow Paging are two of the recovery algorithm that famously use nowdays to solve the problem of system crash in DBMS. Each of them have advantages and disadvantages tha becomes a plus factor for each methode. It needs to be compared so we can got an assumption about both of the recovery algorithms.

This final task will compare two recovery algorithm those are ARIES and Shadow Paging by simulate them. The simulator will be made using Delphi as the programming tool and hopefully the simulator can be usefull learning tool.

Key words:

DBMS, database recovery, ARIES, shadow paging, simulation, Delphi