Abstract

Together with the development technology of database, now is very important compotation system which mobile to wind the data on it . With the system embedded which set the aplication combine with one system of database may possible compotin mobile texibliti can discharge the time and space of boundary for wireless aplication.

 In this thesis was been designed and implemented embedded database for device mobile, with take the reservation case of study "Train Ticket" with DML (Data manipulation Language) analize, the equable data between server and embedded database in mobile device, also validitas type data which have been transaction DML. The type of database embedded which use in this thesis is NRDBM (Network Relational Database Mode). The Database is dataset with XML format can save data in the pocket PC with copy data server use sincronize method so same that data server and pocket PC. The embedded mobile database was been set up in application c++ which can be useful basic fungtion from library c, or trame work. Net, mobile device which had been occupied for C library is symbian OS (nokia 3650, nokia9300, nokia 9500, smartphone) or framework net (PDA, Pocket PC [windows mobile]). for server database used SQL server 2000, for programing coding used visual C++ embedded Visual Studio 2005.

Keywords : Mobile device, network relational database, sincronisasion, embedded database, reservation of train ticket