

Abstract

The requirement about medium to save, arrange and process data or information obliges enterprise to develop a database management system. Data collected from source of data that was saved on documents, invoice, files, and also old database.

If data have been save on Ms Excel and Ms Word format file, data migration can be done in various ways, one of them is by developing software that can convert data of table from Ms Excel and Ms Word files to Oracle. The Process is by altering *.xls and *.doc file type into *.txt file type.using save as property, scanning text file to separate data from its delimited, then migrate to Oracle database using Top-Down Parsing with LL(k) Brute Force Method. This method is selected because this method can form grammar of “insert” and “create table” language to insert data and create table on Oracle database system.

On this final project result that comparison of time needed on data migration using conversion software is lower than manually migration, one by one migration using data input application. Data output by conversion software are valid too, according to the truth of data input.

Keywords: data of table, data conversion, data migration, Top-Down Parsing, LL(k) Brute Force