

DB2 export and import tools

Task 1. Export and import of data

1. Start command line processor
2. Start DB2 instance (db2start)
3. Start DataStudio
4. Connect to SAMPLE db
5. Create new schema ecopy
6. In the schema ecopy, create table empcopy with the same structure like table employee in schema student (in the create table statement add option like employee)
7. Check, which constraints were included and if there are any data in table empcopy
8. Create the primary key for table empcopy on field empno
9. Export from table employee all data of all people with salary at least 50000 to a file emp1.ixf of type IXF
10. Import data from the file emp1.ixf to table empcopy
11. Select data from table empcopy
12. Export from table employee all data of all people with salary at least 50000 to a file (emp1.del) of type DEL, using ; as column separator
13. Open the resulting file (in any text editor) and check the exported data
14. Import data from the file emp1.del to table empcopy (option replace)

Task 2. Export and import via spreadsheet

1. Export from table employee all data of all people with salary at least 50000 to a file (emp2.del) of type DEL, but adjust the options (column separator, string delimiter, date and number formats) such that you can import this file to Excel (or other spreadsheet)
2. In the Excel, modify the imported data: change salary of each employee to 60000; add new employee row, delete one employee (with empno=000020)
3. Import the data (after the changes) from Excel to table empcopy with option **replace**
4. In the schema ecopy, create table empcopy1 with the same structure like table employee in schema student; Create the primary key for table empcopy1 on field empno; Import data from the file emp1.del to table empcopy1
5. Import the data from Excel to table empcopy1 with option **insert**
6. In the schema ecopy, create table empcopy2 with the same structure like table employee in schema student; Create the primary key for table empcopy2 on field empno; Import data from the file emp1.del to table empcopy2
7. Import the data from Excel to table empcopy2 with option **insert_update**
8. Compare data in tables employee, empcopy, empcopy1 and empcopy2

Task 3. Export and import – choosing columns

1. In the schema ecopy create table empcopy3, with fields:
empno char(6),
fname varchar(12),
lname varchar(15),
salary decimal(9,2)
2. Create the primary key for table empcopy3 on field empno
3. Import data from the file emp1.del to table empcopy3 (choose the subset of columns)