

Batch migration of tables and data

Use **Batch Migration** for migrating content and structures of groups of tables from one database to another

Key Points:

- The program allows:
 1. **Migration of only a table structure** - creating a blank table in the receiver data base.
 2. **Migration of data only** - copying the data from one table to another existing table.
 3. **Migration of both structure and data** - creating a new table in the target database having same structure and containing same data as the source table.
- Tables, views and virtual tables can be used as source object when migrating structures.
- Tables, views, virtual tables and stored queries can be used as source data objects for migration data into a target table .
- With the migration of the structure, the program automatically converts (if necessary) the column parameters according to **Convert Options** settings.

The Batch Migration Procedure:

1. Select "Tables" group on both the source and the target database sides:

Figure 32: Group selection



2. Use **Migrate > Batch Migration** menu command
3. Select the direction of the batch migration and click **OK**:

Figure 33: Select the direction



4. Select and map the objects intended for migration in the **Batch Migration** dialog. **NOTE:**The program maps the objects of the selected groups automatically, on the object names basis. However, the user can manually redefine any object pair for further synchronization.

Figure 34: Map objects

	Source table	Target table	Migration mode	Status
<input type="checkbox"/>	Categories	Categories	Table Data only	
<input checked="" type="checkbox"/>	Customers	Customers	Table Data only	
<input checked="" type="checkbox"/>	Employees	Employees	Table Data only	
<input type="checkbox"/>	Order Details	Order Details	Table Data only	
<input checked="" type="checkbox"/>	Orders	Orders	Table Data only	
<input checked="" type="checkbox"/>	Orders_Copy		Structure and Data	
<input type="checkbox"/>	Products	Products	Table Data only	
<input checked="" type="checkbox"/>	Shippers	Shippers	Table Data only	
<input type="checkbox"/>	Suppliers		Table Data only	
		Categories		
		Customers		
		Employees		
		Order Details		
		Orders		

5. The program automatically assigns the mode of the migration operation, based on the presence/absence of the table in the destination database. However, the user is able to change the assigned mode.

Figure 35: Migration Mode selection

<input checked="" type="checkbox"/>	Orders	Orders	Table Data only	
<input checked="" type="checkbox"/>	Orders_Copy		Structure and Data	
<input type="checkbox"/>	Products	Products	Table Structure only	
<input type="checkbox"/>	Shippers		Table Data only	
<input type="checkbox"/>	Suppliers	Suppliers	Structure and Data	

6. In case it is necessary to clear the destination tables off their contents, prior to the operation of data migration, selects the *Clear target table before copying* option
7. In order to create a report on the migration procedure – check the **Report Filet** box and set the parameters for the report file.

The program supports two report-file formats: **XML** and **HTML**.

Figure 36: Request for the migration report.

Report file
 Report file path:
 Report file format:

8. Start the migration procedure by clicking the **Run...** button

The program will execute the requested procedure and it will compose a results report (if the appropriate option has been selected)..

Figure 37: An example of a migration report

Action report (migration)		created: 15:29:13 December 19, 2010
+ Connection info		
Details Expand all Collapse all		
+ Customers -> Customers (success)		
- Employees -> Employees (success)		
source object name	Employees	
target object name	Employees	
migrate operation	Migrate Data	
delete all record	Employees	
records migrated	10 (from 10)	
+ Orders -> Orders (success)		
- Orders_Copy -> (success)		
source object name	Orders_Copy	
target object name		
migrate operation	Migrate Structure and Data	
delete all record	Orders_Copy	
records migrated	830	
+ Shippers -> Shippers (success)		