

# Teradata to Oracle Migration

Stored Procedures, BTEQ, Macros, Triggers, Schema/DDDL,  
BI Reports, Embedded SQL and Shell Scripts

Intelligent and Maintainable Conversion    Custom Automation

## Why SQLWays

- **High and Custom Automation – Consistent and Integrated**

Database Schema/DDDL

Server-Side Business Logic – Procedures, Macros, Triggers

BTEQ, Shell and SQL Scripts

Applications and BI Reportss

- **Useful Development Tool for Daily Use** – You can easily convert standalone SQL statements, functions, scripts and various code fragments

- **Minimal Risk** – Comprehensive Assessment, Proof-of-Concepts and Pre-Sale Engagement

- **Optimized Conversion** – Intelligent and maintainable code, no any Ispirer's middleware used after conversion

### Oracle

11g, 10g, 9i, 8i, 8.0.x  
and 7.x

Oracle Exadata v2 and v1

### Teradata

13, 12, V2R6.x, V2R5.x  
and V2R4.x

# Key Features

The tool migrates the following database objects and properties from Teradata to Oracle:

- **Tables and Data**
  - Converts columns definitions - data types, default values, NOT NULL constraints
  - Supports Primary index concepts (UPI and NUPI)
  - Converts integrity constraints - primary and foreign keys, unique and check constraints
  - Converts comments
  - Resolves reserved words and identifiers conflicts
  - Transfers data
- **Indexes and Views**
- **Stored Procedures, Macros, Functions and Triggers**
- **BTEQ Scripts** - separate BTEQ files and BTEQ embedded to shell scripts

Besides server-side business logic, SQLWays also converts SQL queries in front-end applications and scripts to conform with Oracle SQL syntax.

## SQLWays Tool Features

- **Quick and Useful Conversion of SQL Scripts** - You can easily start converting existing Teradata scripts - DDL statements, database SQL dump, SQL queries, BTEQ scripts etc.
- **Conversion with Database Connection** - SQLWays can connect to Teradata, extract and convert the entire database or just specified objects and schemas to Oracle
- **Generates SQL scripts** in Oracle syntax
- **Generates SQL\*Loader** control files and commands for importing data into Oracle
- **Command Line Support** can help you automate the migration process
- **Migration Validation** - The tool can compare the number of tables, the number of rows, and perform data validation for all or selected columns (based on primary keys or specified order clause)

## More Information

For more information about migration software, please visit our site or contact us:

[www.ispirer.com](http://www.ispirer.com)

Ispirer Systems Ltd. Web site

[ispiner@ispiner.com](mailto:ispiner@ispiner.com)

Product Related and Business Inquiries

[support@ispiner.com](mailto:support@ispiner.com)

Technical Support