

DBSample

Command Line Application to generate database templates/examples.

Principal Features

- Generate database templates
- Generate normalized database templates
- Generate Stored Procedures, including transactions
- Generate SQL Views
- Generate Triggers

Usage

```
dbsample -sample -type -rdb
```

Samples

- **db-user-roles** - Database with Users and Roles
- **db-countries** - All Countries and Cities
- **db-people** - Database People Tables Structure
- **db-recruitment** - Database for Recruitment System
- **db-sales** - Database for Sales
- **view-product-data** - SQL View Product normalized data Sample
- **view-min** - Minimal SQL View Sample
- **trg-lock-insert** - Trigger to Lock Insert into a table
- **trg-min** - Minimal Trigger Sample
- **sp-product-stock** - Product Stock Procedure Sample, including transactions
- **sp-min** - Minimal Procedure Sample, including transactions

Sample Types

- **database** - Database
- **procedure** - Stored Procedure
- **trigger** - Trigger
- **view** - SQL View

Relational Databases

- **mysql** - MySQL
- **postgres** - PostgreSQL

Generating Databases

```
dbsample -sample db-countries -type database -rdb postgres
```

```
dbsample -sample db-people -type database -rdb mysql
```

```
dbsample -sample db-sales -type database -rdb mysql
```

```
dbsample -sample db-user-roles -type database -rdb mysql
```

Generating Views

```
dbsample -sample trg-lock-insert -type trigger -rdb postgres
```

```
dbsample -sample trg-min -type trigger -rdb mysql
```

Generating Stored Procedures

```
dbsample -sample sp-product-stock -type procedure -rdb postgres
```

```
dbsample -sample sp-min -type procedure -rdb mysql
```

Generating Triggers

```
dbsample -sample trg-lock-insert -type trigger -rdb postgres
```

```
dbsample -sample trg-min -type trigger -rdb mysql
```

Help Command

```
dbsample -help
```

Examples

```
dbsample -examples
```

List Samples

```
dbsample -list-samples
```

List Sample types

```
dbsample -list-types
```

List Databases

```
dbsample -list-rdbs
```