

Using a Relational Database

PxPlus 2019 (v16)

Database Conversion Utility

New in PxPlus 2019

- Create an RDB table with the same fields and keys as a Data Dictionary table
- Populate an RDB table with data from the Data Dictionary data file
- Generate prefix file entry for converted RDB table
- Error checking, data validation and debugging

Database Conversion Utility

- Supported databases

Database Type	Description
MYSQL	Oracle MySQL or MariaDB
ADO	Microsoft SQL Server
DB2	IBM DB2
OCI	Oracle Database
ODB	Any ODBC supported RDB

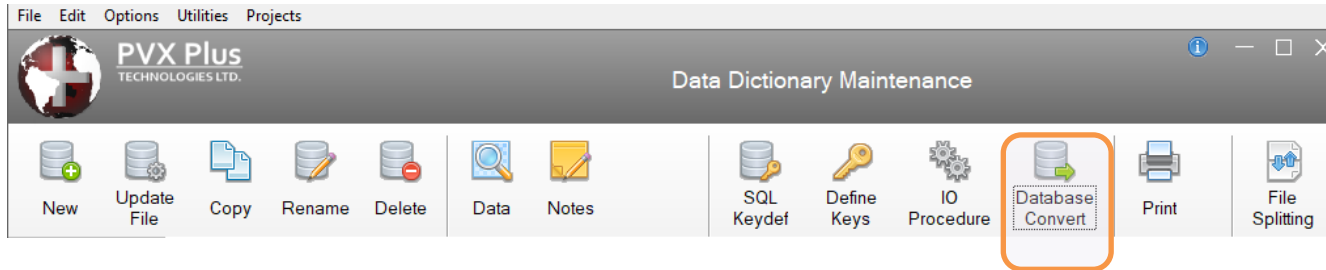
Goal of Database Conversion Utility

- Fast and easy way to migrate PxPlus data to an RDB
- No need to write any SQL code
- If a prefix file is used there is no need to change PxPlus code to use the RDB table
- Avoid time consuming mistakes by validating data before migrating

How to Migrate to an RDB

New in PxPlus 2019

- Accessible from [Data Dictionary Maintenance](#)
 - Select table you want to convert
 - New [Database Convert](#) button added to the top toolbar
 - Also accessible via the [File](#) menu



- [Database Conversion Utility](#) documentation

Database Conversion Program

New in PxPlus 2019

- Utility can also be accessed programmatically

```
CALL "*dict/sqlmake;convert" [,ERR=stmref], filename$, db_prefix$, connect$, db_name$, db_table$,  
db_altname$, db_user$, db_pass$, db_options$[, pfx_file$]
```

- Arguments correspond to fields from graphical utility
- Arguments meaning vary slightly depending on the `db_prefix$`

<code>db_prefix\$</code>	<code>connect\$</code>	<code>db_name\$</code>
ODB	Data Source	Database Name
MySQL	Server Address	Database Name
OCI	Server Address	System ID
DB2	N/A	Database Name
ADO	Server Address	Database Name

Additional Resources

The help link(s) below refer to the current on-line help pages. The functionality may have been further updated since the PxPlus 2019 (version 16) release.

- [Database Export Utility](#)
- [Bulk Database Export Utility](#)
- [Calling Export Actions Programmatically](#)