

# Database Compatibility and Comparisons-DataMigration

## Project Wonder

ProjectWonder provides a really handy tool for migrating data between two databases:

```
NSMutableDictionary sourceDict = new NSMutableDictionary();
sourceDict.setObjectForKey("YourPassword", "password");
sourceDict.setObjectForKey("YourUserName", "username");
sourceDict.setObjectForKey("jdbc:FrontBase://127.0.0.1/YourSourceDatabase", "URL");
sourceDict.setObjectForKey("com.frontbase.jdbc.FBJDriver", "driver");
sourceDict.setObjectForKey(Boolean.FALSE.toString(), "autoCommit");
sourceDict.setObjectForKey(Boolean.TRUE.toString(), "readOnly");
sourceDict.setObjectForKey(Boolean.TRUE.toString(), "quote");

NSMutableDictionary destDict = sourceDict.mutableClone();
destDict.setObjectForKey("jdbc:postgresql://localhost/YourDestinationDatabase", "URL");
destDict.setObjectForKey("YourPassword", "password");
destDict.setObjectForKey("YourUserName", "username");
destDict.setObjectForKey("org.postgresql.Driver", "driver");
destDict.setObjectForKey(Boolean.FALSE.toString(), "autoCommit");
destDict.setObjectForKey(Boolean.FALSE.toString(), "readOnly");
destDict.setObjectForKey(Boolean.FALSE.toString(), "quote");

EOModel model = EOModelGroup.defaultGroup().modelName("YourModelName");
ERXJDBCUtilities._copyDatabaseDefinedByEOModelAndConnectionDictionaryToDatabaseWithConnectionDictionary(model,
sourceDict, destDict);
```