

# INTRODUCTION

## GEA DATABASES

### DBWIN

dbWin is one of the programs that allow an easy approach to the development platform "dataApp". It is similar to dbWinSQL and dbWinSQLpro, except by the fact of this doesn't connect to a database, but work on local tables (files on disk). Because of this difference, require a prior configuration equivalent to the corresponding entry to the tables of a database columns. Once this step has been done (you can use AppDesigner for this), the program starts reading the created structure and by a fully autonomous mechanism, it presents to you a Front-End with different options:

- Maintenance of simple tables (master tables only).
  
- Report generation and reporting.
  
- Transactions, including various types of Export, Import and Updates.

In this class, the program provides a direct and easy way to keep database without developer intervention or technical. They are utilities whose profitability is guaranteed to meet many needs of small businesses.

At the next level, the program can be transformed and adapted to specific needs from a developer, or a computer user with basic knowledge of data-driven programming.

At this point you can get maintenance screens designed as master tables. In reports, you can also go well beyond the lists generated automatically and can draw all types of documents with few limitations. The same applies to transactions and it allows to design specific processes easily.

The best approach at this level is the AppDesigner program, where the documentation explains step by step how to create menus, maintenance screens and reports, and how to fully exploit the transactions.

### **DBWINBASIC**

### **DBWINSQL**

### **DBWINSQLPRO**

### **DBWINCE**

This program is the equivalent of dbWin for Windows CE 5 and 6 operating systems. The functionality is somewhat more restricted when it comes to mobile devices. For example, reports will go directly to the printer by default, instead of being able to select from several options.

### **DBANDROID**

This program is the Android version of the dbWin database. The operation and the support of functions are practically the same as for Windows CE terminals.

## DBWINWP

This program was originally designed for Windows Phone 10. Although Microsoft finally canceled the release of this system, the fact that they work perfectly on Windows 10 for PC, makes it an excellent emulator of programs for mobile devices. For this reason we will maintain this product in the future and others based on the same platform for purely promotional purposes.

# TABLES MAINTENANCE

## AUTHOMATED MAINTENANCE

With the automatic maintenance, you can insert, modify or cancel the rows in a database table very easily. The presentation takes the name of each field in the table and presents with an edit field. The operations provided are:

- Insert. "New" button. confirm data to the end, or also confirm anywhere with Ctrl + End or button "Save".

- Search field 1. Get in search mode (If you are in edit mode, press escape, or button 1, bottom left.). type the code you want and press Enter

- Moving up and down the table. The Home, Previous, Next and Last buttons let you scroll through the table row by row. (You can also use Page Up and Page Down)

- Extended Search. The "Find" button allows you to do complex searches by any field, including wildcards (\*). The search can be for more than one condition (And).

- Delete current row. The Delete button allows you to override the current row.

## DESIGNED MAINTENANCE

The Custom Maintenance, have the same operating than the automatic maintenance. However it is possible to completely change the display, remove fields or add fields from other related tables. For example if an items sheet have a supplier code, we can add as screen data itself name (although only viewable not modifiable), or the current balance of this provider.

The way to do this is explained in the documentation AppDesigner or <http://downloads.dsoft.es/ftp/Help/Windows/developer/>.

# REPORTS

## CREATING NEW REPORTS

To create a new report, select "Create New" in Reports. This takes you to a wizard with an entry for the Title of the document, a selection table, with two field selections and finally recording the template. Although the report generated, may be changed and become a report itself, this process generates lists that are the simplest type of report.

In the first selection, indicate the table on which the report is based.

In the first selection of fields, the first fields of the selected table appear, and corresponds to the limits to be requested at listing time. These can be of type L (limits from to) or Type S (Select).

The second selection of fields, corresponding to those who want to appear in the report or listing.

Finally recording template, usually completed on the amount of the current database folder itself. It's Documents/dbWin/.../data

## REPORTS

By selecting this option, you will get the titles of the reports that were previously created. Complete data selection (if you leave everything blank, all the data in the table will be shown), and the output device. For a printer output, use PDF as a device.

## DESIGNED REPORTS

To develop a custom report, it is recommended to previously make one from the assistant, and then modify it with AppDesigner or using a text editor. The documentation for this type of development, is available in

<http://downloads.dsoft.es/ftp/Help/Windows/developer>

# TRANSACTIONS

## EXPORTS

### RELATIVE

Under construction

### SEQUENTIAL

Under construction

### DELIMITED (CSV)

Under construction

### LIST

Under construction

## IMPORTS

### RELATIVE

Under construction

**SEQUENTIAL**

Under construction

**DELIMITED (CSV)**

Under construction

**INTERNAL**

**COUNTER**

Under construction

**UPDATING DATA**

Under construction

**SQL UPTATE**

Under construction

**RELATIONAL UPDATE**

Under construction

## **RELATIONAL UNUPDATE**

Under construction

## **DATA DELETION**

Under construction