

## Introduction

Visual Basic probably more than any other programming language has benefitted from tools which provide automation of tedious and/or repetitive tasks. Such tools as Form designers and database access tools permit quick and accurate product development, while maintaining continuity between programs and versions.

The Database Code Builder follows this approach as well by providing a quick and accurate method of generating source code necessary toward creating a database. Such an approach has the following advantages.

- The database itself does not require to be distributed with the product but may be created upon usage, thus reducing distribution size.
- Database design and testing may be performed in a utility such as MS Access, then afterwards creating the necessary source code quickly with the Database Code Builder.
- Redesign of the database may be performed quickly with automatic source code creation of the new design.

## Licensing

### Database Code Builder

Version 1.07

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This product is Copyright and not in the Public Domain. It may be distributed in its entirety, at a reasonable cost for the medium only. You are permitted 25 trial uses of the product before you are required to register or uninstall the product. Please support the program by becoming a registered user. The help file was created with RTFGEN by L. David Baldwin.

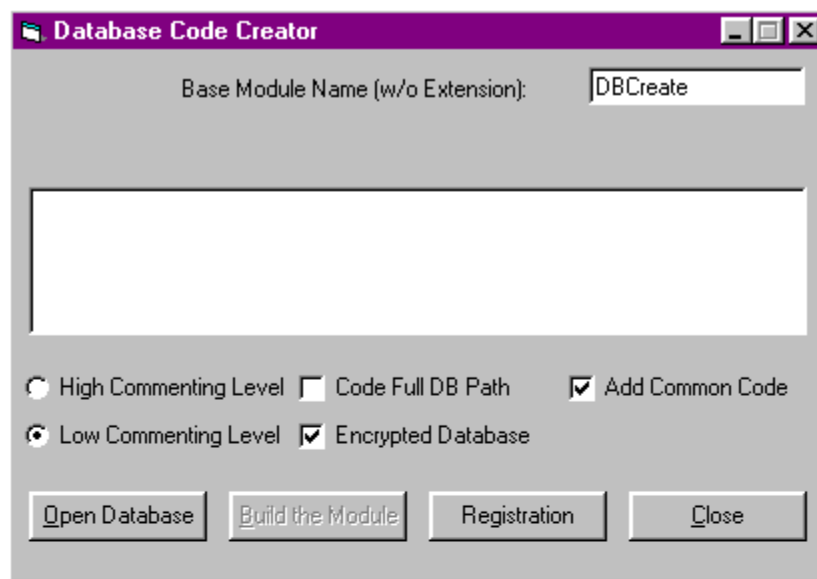
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## Layout

Select a database from which to build a source code module. Click any control to get more information.



The screenshot shows a Windows-style dialog box titled "Database Code Creator". It has a purple title bar with standard minimize, maximize, and close buttons. The main area is light gray. At the top, there is a label "Base Module Name (w/o Extension):" followed by a text input field containing "DBCreate". Below this is a large, empty white rectangular area. At the bottom, there are two rows of radio buttons and checkboxes. The first row has "High Commenting Level" (unselected), "Code Full DB Path" (unselected), and "Add Common Code" (selected). The second row has "Low Commenting Level" (selected) and "Encrypted Database" (selected). At the very bottom, there are four buttons: "Open Database", "Build the Module", "Registration", and "Close".

Database Code Creator

Base Module Name (w/o Extension): DBCreate

☐ High Commenting Level ☐ Code Full DB Path ☒ Add Common Code

☒ Low Commenting Level ☒ Encrypted Database

Open Database Build the Module Registration Close

ORDER.TXT

Global Constructs  
Database Code Builder Product Order Form

(DCB107)

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Where did you hear about or obtain the Shareware version of the Database Code Builder?

- ( ) Internet - Web Page or FTP site: \_\_\_\_\_  
( ) CompuServe  
( ) BBS - Name and Phone Number: \_\_\_\_\_  
( ) Other - please specify: \_\_\_\_\_

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Order Information

| Description  | Quantity | Price                             | Total |
|--|----------|-----------------------------------|-------|
| Database Code Builder (single copy)  | _____ x  | \$49.00                           | _____ |
| Database Code Builder with Royalty<br>Free Distribution of Source Code<br>Created by Product (single copy) | _____ x  | \$99.00                           | _____ |
|  |          | Subtotal                          | _____ |
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Make checks payable to: Global Constructs

Mail to: Global Constructs  
P.O. Box 200305  
Arlington, TX 76006 USA

## Technical Support

Technical support is provided by email and standard mail. For standard mail, please provide a SASE for your reply.

For non-registered users, technical support is provided for only installation questions, suggestions, and reporting bugs.

You may contact us at the following address.

**Global Constructs  
P.O. Box 200305  
Arlington, TX 76006  
(817) 275-5114  
[support@globalconstructs.com](mailto:support@globalconstructs.com)**

## Version History

### v1.00 Initial Release

This is the first release of the product.

### v1.05 Second Release

Attached (linked) tables supported by DBCodeBuilder.

### v1.07 Third Release

Common code can be excluded in build.

The last used save path is remembered with the last used data path.

## Limitations

The following objects are not recreated in source code from the opened database. These objects may be added manually to the source code that is created by the Database Code Builder.

- ODBC tables are identified but not reproduced.
- Custom Properties, typically made for Databases, Tables, Indexes, and Fields with the CreateProperty Method.
- Query definitions.
- User and Group permissions.
- Replicable property.
- Customized Containers or Document Objects.

The following are known restrictions or limitations at this time.

- Only Jet and MS Access databases are supported at this time.
- MS Access databases may be created in source code but Access specific features such as Forms and Reports are not supported.
- The source code will create a database for the default version, typically 3.0 (dbVersion30).
- A module may not be appended to, only overwritten.

Non-registered users are limited to 25 trial uses of the product. Each startup of the product counts as one use.

## List of Features

- MS Access and Jet Databases supported.
- Creates source code compatible with VB4 and VB5, Professional and Enterprise Editions.
- Automatic source code creation for the database, including Relationships, Tables, Indexes, and Fields.
- Low or high levels of commenting within the produced code are available.
- Selectable database filename or full path reproduced in code.
- An encrypted or non-encrypted database may be created.
- Full path control for the source of the database and the save path of the module.
- Complete help system with available technical support (limited for non-registered users).
- Complete error checking in all produced source code.
- Supports attached (linked), hidden, and normal tables.
- Supports special properties such as Validation Rules and Text and Default Values for Fields, Primary and multiple Field Indexes, and Referential Integrity and Cascadable Updates and Deletes for Relationships.
- Common code can be excluded when creating multiple files which are to be appended together.



## Source Code Module Name

The name of the source code module to be created is entered in this field. Do not include a path or an extension at this time.

The default module name is DBCreate.

## Database Contents List

Upon opening a database, its contents of Tables and Relations are listed in this space. Tables are identified as normal, hidden, attached, or ODBC. System Tables are not included in this listing.

## **Comment Level in Source Code**

A commenting level of low or high may be selected prior to building the module. A high level of commenting includes additional information for each function as well as more involved sections of code.

The default level of commenting is Low.

## **Code Full Path of Database**

The full path name of the opened database may be included (hard coded) into the source code.

The default setting includes only the filename and its extension.

## **Encrypt the Created Database**

A database is not automatically identified as encrypted when opened. This selection will permit you to create an encrypted database.

By default, an encrypted database is created.

## Open a Database

The module to be created requires a database to first be selected by opening it. The layout of the open database may be viewed in the Database Contents List.

## Build the Module

With the selection of Build, a Save As window will open to allow you to select the save path, at which time the Database Code Builder will begin creating the named module. If the file already exists you will be prompted to continue, stop, or cancel the operation. Note that while you may type in a different module name in the Save As dialog window, the module will only be created with the name identified above.

By default, this button is disabled until a database is selected by being opened.

## **Register the Product**

A registration name and number may be entered in the available spaces provided in the opening window. If the product has already been registered, that name and number will be shown.

Without registering, this product is limited to 25 trial uses.



## **Close the Database Code Builder**

Selecting this button will close the program.

Closing this product will complete one use of the 25 trial uses provided to non-registered users.

## **Add Common Source Code To Module**

Select this option to include the code common to multiple builds. This permits many Create Database functions to be placed in the same module to reduce code size.

By default, common source code is added.



