

Codegen V1.1 Readme File

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This VB utility program was written primarily because I needed a function at work to do this or that. I decided it would be a good idea to put them in one program. I have found them to be useful and I hope you do too. NOT all have been tested thoroughly, so always have a backup. If you have Referential integrity built into your databases, it can't be converted using this program. With that said, I'll go over how to use this, since the helpfile is so out of date.

This version is freeware. I'm sure there are bugs (although I've fixed all the ones I've encountered), so drop me an email in compuserve if you find any. Send me all information so I can determine the problem (this is really important for the format VB code function). I may charge for future versions. If you want guaranteed future releases and fixes sent to you, see the nag screen or help file. This has not been tested with Paradox databases. It has been tested with Access 2.0, dbase III and dbase IV (a little) and MS SQL Server databases.

Installation:

This program was compiled with compatibility layer so it can use Access 2.0 databases. If you haven't converted to it, then you will get an incompatible database error when opening a database.

- 1.) create c:\Codegen directory
- 2.) copy exe, mdb, wri and hlp files into it
- 3.) copy the ini file into the Windows directory (otherwise the program will create one for you)
- 4.) put the vbx's in the Windows\System directory (You may need to get the later THREED.VBX see below for file dates). The only third party control I include the VBCTL3D.VBX. The rest are included in VB 3.0 Professional.
- 5.) Create a program item in Windows for it and you're set.

Version info for vbx controls used in compile are:

File: c:\windows\system\cmdialog.vbx
Size: 18,688 bytes.
Date: 28-Apr-93 at 12:00 AM
Version: 2.1.0.5

File: c:\windows\system\grid.vbx
Size: 45,136 bytes.
Date: 15-Jun-93 at 05:26 PM
Version: 03.00.0538

File: c:\windows\system\msmasked.vbx
Size: 30,288 bytes.
Date: 28-Apr-93 at 12:00 AM
Version: 3.0.0.2

File: c:\windows\system\threed.vbx
Size: 64,432 bytes.
Date: 16-Jul-93 at 03:28 PM
Version: 3.0.1.0

File: c:\windows\system\vbctl3d.vbx
Size: 81,908 bytes.

Date: 09-Mar-95 at 12:00 AM

Version: 1.60.112

CodeGen Menu Options:

File

New - creates new codegen database

Open - open a codegen database. **You must open a database to access all functions.**

Close - close a codegen database

Read Database To Clipboard - reads an Access database structure and puts it in memory as sub you can call. Shift-Insert in one of your modules and you have a sub that will create your database. This doesn't carry referential integrity with it.

Read Database To Def File - Creates a file (Database name '.' FIL) that has all tables information so it can read to print the database information or recreate the database. This doesn't carry referential integrity, Data , macros, queries ...

Create Database From Def File - Creates an Access database from a definition file created above.

Print Def File - Prints database information stored in a definition file.

1: last codegen database used

2: 2nd last codegen database used

3: 3rd last codegen database used

Exit - exit codegen

Code Lib

Add Code To Database

Clipboard - You can cut code out of some other application or VB. Then select this option to create an entry in the CodeGen database. You enter a name and group (VB, Access or ???) that will allow you to identify it and a description. You also have the ability to edit it first.

Import File - if you have specialized chunks of code that are in other files (i.e. specialized routines for network or api calls), then select this option to create an entry in the CodeGen database. You enter a name and group (VB, Access or ???) that will allow you to identify it and a description. You also have the ability to edit it first. This must be an ascii text file.

Database Code To Clipboard - This option allows you to get code out of the codegen database to the clipboard. Next, you paste it into the code window where you're working.

Browse Codegen Database - This option allows you to copy, delete and reassign entries in the Codegen database. Copy will copy an entry from the database to the clipboard. Delete will erase the entry from the Codegen Database. Reassign will allow you to move an entry from one group to another.

Delete Code From Database - This option allows you to delete entries in the Codegen database. Delete will erase the entry from the Codegen Database.

Gen VB Code

Common Dialogue - This will generate VB code for using the Common Dialogue control included in VB Pro Ver. 3.0. You'll need to know the Common Dialogue Control name and the receiving control or variable that the will receive the users response to it. There are a couple of other fields that are screen dependent and explained below. QuikHelp can be turned on and it will give you an explanation of the field you're on. You can save your settings as templates so that you can recall them over and over. I've included this option, but I don't use it because it's just as easy to click away.

Color Dialogue

File Dialogue

Font Dialogue

Help Dialogue

Printer Dialogue

Message Box - Generated Message Box dialogues. This may be a candidate for using the template options.

Utils

Format String - Allows you to take a long string and assign it to a variable (Assign To) and have a trailing character (Suffix) like chr\$(13) & chr\$(10) . I use this for breaking up long SQL strings that I send to MS SQL Server databases. If I have an error I print the variable it's assigned to and it's already formatted for me.

Print Database Reports - This will print Reports (Based on style selected in the Preferences/Report Style menu option) of the database: tables, indexes and column definitions. I haven't tested it on Paradox databases yet - but you can <G>. Let me know if it works <G>.

Access

dbase III

dbase IV

ODBC - Tested with MS SQL Server and dbase.

Paradox 3.X - Untested

Search (and replace) - Search and replace like VB. It kind of works. Mainly it kept me from having to go to VB to do a S&R and then paste it back here. Not perfect.

Version Info (file) - This I just put in so I could get a fast print out of my controls and dll's I had in my project. I also use it to debug other machines over the network. I could get a print out of their file versions and compare it to the one I use in my project (so many times other apps copy over the files I'm using - this is kind of handy). I give 2 options FULL or condensed because if you have a bunch of files selected and you only want to view it can cause you to run out of string space in the text box I use to display it.

VB Stuff

Clear VB Debug Window - Clears the VB Debug window.

Code Templates - This allows you to create code templates. I've included as defaults ones I use. Enter the Name (usually I just cut the procedure name from VB and paste it here.), and Author. These will replace any code that matches {sub} (or {function}) and {author}. {date} is replaced with today's date. If you don't use the bracketed name - then nothing is replaced. Spaces per tab are for when you hit the tab key in the editing box. It will adjust the text that many spaces rather than a tab (this may or may not be desirable). Buttons: load defaults will load the system default templates in, Copy will copy the code with replacements to the clipboard, Delete will delete the template, Save will save the template. Default template is a system requirement so you can't delete it.

Compile VB Projects - Allows you to compile the any one of the last 4 VB projects that were opened by VB. Can't compile them if VB is currently running.

1:

2:

3:

4:

Other - Allows you compile any other VB project.

Create Type From Table - This option will read any of the listed databases below and create VB Type statements. You can also create assign options. By typing a table name or snapshot name and the type name if it already exists, code for the assignment will automatically be generated. If you click the declare variable checkbox, whatever you typed will be overwritten with a system generated name and the assignment will be made. Don't ask why. That's just the way I did it.

Access

dbase III

dbase IV

ODBC

Paradox 3.X

Debug Window - Places a small 3 button form where you select it (see below) that allows you to clear the VB debug window or display its contents in another window, and close the little form itself.

Top Left

Top Right

Bottom Left

Bottom Right

Format VB Code - This will allow you to reformat your VB code either by the whole project or by a particular procedure. It will create a new file replacing the last char with an "_". For example if the form was call form1.frm the new form is form1.fr_ or global.bas is global.ba_. You can have it automatically delete the output files if they already exist, otherwise you will be prompted. You can specify where the left margin for the code should be and how far in from it that indentations will be. For example, You may want the left margin to be 3 spaces in and indents to be 5 characters. All comments at the begining and declared vars will be left justified at position 0 until the first valid line of code is encountered because that's the way I like it. I can change it in the future if this is a prob. Do one to get a feel for what it will look like. This will only work on code saved as text. I have had some small problems with code not getting formatted properly. Notify me and send the code sample and I'll fix it (if I can) and move a new Codegen up to Compuserver and the net. This may be an option for paying customers. We'll see <BG>...

Print VB Project - This will allow to print a module or form or individual procedures within the form or module. It also gives you statistics about your projects like: number files, controls, forms, modules, lines of code, lines of comments, control file information... You can print just the stats or file info. I haven't set it up to print the whole project. If it becomes an issue I will. Right now all you do is select the project, click on the file and select the sub or function and click print (you can also double-click on the procedure.).

Startup VB - Starts VB if it's not already running.

Start VB Project - Starts one of the last 4 VB projects opened by VB.

- 1:
- 2:
- 3:
- 4:

Preferences

Keep Form On Top - Keeps Codegen on top of all other forms.

Reset Window Size - Allows you to resize Codegen window automatically. You can also resize it with the mouse.

1 Row

2 Rows

Exploding Windows - Windows explode and implode when opened and closed.

Report Styles - Database reports use this. It determines if reports are written out in a grid with rows and columns (Tabular) or regular line by line (Normal)

Normal

Tabular

Help

Contents

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