

# VBA Causing Excel To Crash

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- *From:* "Gareth" <GP99999@xxxxxxxx>
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This is my first post onto the group and I appologise for the length of it, but I felt some background would be useful.

I have recently started building a system using Excel and VBA. Whilst my experience in coding VBA is limited I have been programming for a long time and have used other languages including Java.

Coming from a Java background I am keen to use an OO approach and spent some time investigating other peoples views. In conclusion I decided that the project could be done in OO style and I have mapped each business process to a Class in VBA. All my classes are 'Public Not Creatable' and I have one Module containing a method for each class that creates an instance. ( a 'Constructor' if you like). On the whole this approach has served me well, allowing for good code separation and re-use.

I have also used Interfaces as a 'work around' to inheritance and although a little clumsy I continue to use it, If at some time in the future the code is migrated to another environment like C# or indeed Java then this approach will prove useful.

However, during the programming day I get quite a lot of odd behaviour and Excel crashes. I am wondering wether or not I am missing something basic in my approach. In fact Excel crashes so often I have also written some basic VBA code to export all my modules out to text files, delete them from the work book, then re-import them afterwards. This process does seem to fix most problems but eventually new ones appear.

The most recent is a line of code 'Set v\_MyClassA = new clsMyClassA' this actually calls the Class\_Initialize of clsMyClassB. Again I exported all the modules then re-imported them and it has now fixed the problem. But why, why, why !!!!

I would appreciate it anybody could share their experience and perhaps highlight a basic problem in my approach.