

GenScriber Security Check.

How can you be sure the software you are using is the original version? It may have been tampered with, had a virus placed in it, or was corrupted during download?

Some people don't worry about such things. I am not one of those people. I am always aware of the fact that there are many nasties around that will get into applications one way or the other.

To help you be confident that you are using an original clean version of my software, I have given GenScriber the capability of running a security check on itself.

Probably the most common and best way to be sure that any application has not been interfered with, is to compare a hash value of the current application against a hash value created by the developer of the application itself.

GenScriber checks its own integrity by using a SHA-1 hash code, which was created before the application was released. The hash code is provided with the original download, and is also available from genscriber.com.

I have made it as easy as possible for you to carry out a security check.

All you have to do is...

1. Click on '**Security Check**' in the '**Tools**' menu
The hash code is entered for you.

2. Click the '**Validate**' button.
GenScriber will carry out several checks and then validate itself against the original hash code.

When the hash codes match, GenScriber will verify this, with the message '**Code Validates**'.

If the code does not validate, first, check you have the correct security file for your version of GenScriber. If you updated GenScriber, you will need to also download a new security file.

The security file is encrypted. GenScriber validates the security file before using it.
Any attempt to alter GenScriber or the security file will simply cause a validation failure.

The security file is stored in the include folder.
It can be downloaded from <http://www.genscriber.com>.

How The Validation Works.

The security file contains an identity code and a SHA1 hash code.
The security file is also encrypted to increase security.

When you run the 'Security Check', GenScriber decrypts the security file and checks that the id matches your version of genscriber.

If the security file, and id validate, the hash code is entered automatically into the form ready to validate.

*Otherwise, you will get a message to say the security file is missing.
(See 'Security File Is Missing')*

GenScriber then creates a SHA1 hash code from its own executable file, and compares the two hash codes.

When you click the validate button, You should get a message that says '**GenScriber Validates**'.

GenScriber will not validate if it is corrupted, has been tampered with, or is infected by a virus or malware.

In this case, you will get the message '**GenScriber Does NOT Validate**'

If GenScriber does not validate, then your copy of GenScriber or the security file may be damaged, or infected by a virus.

Try doing the following.

- 1.** Go into the genscriber/include folder, and delete the '*.gsh' file.
- 2.** Go to www.genscriber.com, and download the file '*.gsh ' again.
- 3.** Copy the file into the 'genscriber/include folder'
- 4.** Restart genscriber and try again.

If GenScriber still does not validate, and you are sure the security file is the correct one, then stop using GenScriber, delete the executable file, and download a new copy of GenScriber directly from genscriber.com.

All you will need is the GenScriber executable from the new zip file.

If you get the message 'Security file is missing'

It may be that you upgraded GenScriber, but did not upgrade the security file. The correct security file is required before genscriber can validate itself.

You have two options...

Option 1: Download the security file (recommended).

- 1.** Go to www.genscriber.com, and download the file 'LIN32GS121.gsh'.
- 2.** Copy the file into the 'genscriber/include folder'
- 3.** Restart genscriber and try again.

*Note: Security files are different for each version, and operating system .
Be sure to use the correct file.*

Option 2: Enter your own SHA1 hash code manually.

- 1.** Go to www.genscriber.com, and copy the hash code for your version.
- 2.** Paste it into the 'SHA1 Hash Code' box above.
- 3.** Click the 'Validate' button.

GenScriber will validate and then create a new security file.

*Note: The hash codes are different for each version, and operating system.
Be sure to use the correct hash.*