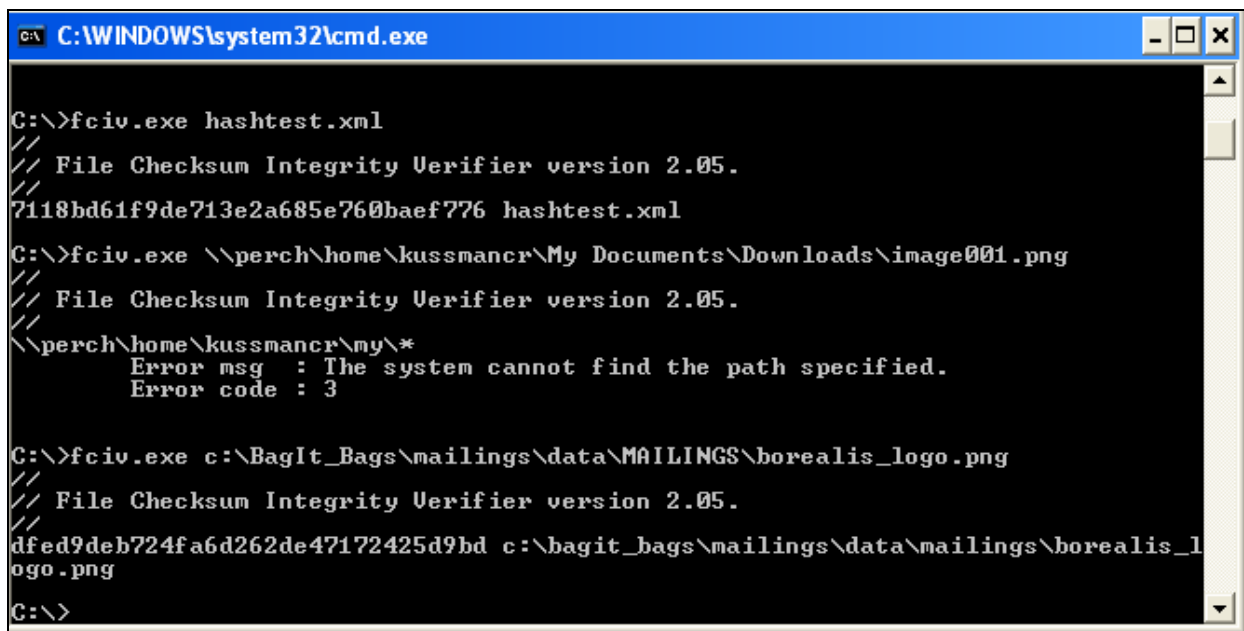


## File Checksum Integrity Verifier Utility Evaluation

*\*This is one of a series of reviews of available programs for computing and verifying checksums. The information documented below is an account of my experience and contains my own comments and opinions. Your experience may be different depending on your needs and use of the program.*

This is a command line utility that supports creating and verifying MD5 and SHA1 hash algorithms.

When working in the command line, you can't have spaces in your file names. This is very difficult in a shared Windows environment where the folders are automatically created and named for you such as My Documents and My Pictures. Because these folders include spaces, checksums cannot be run on files in these locations. One work around is moving files to the computer's hard drive, which may not be possible or worth the effort. Putting double quotes around the entire line may also be a solution when working with file names with spaces.



```
C:\WINDOWS\system32\cmd.exe
C:\>fciv.exe hashtest.xml
/// File Checksum Integrity Verifier version 2.05.
///
7118bd61f9de713e2a685e760baef776 hashtest.xml
C:\>fciv.exe \\perch\home\kussmancr\My Documents\Downloads\image001.png
/// File Checksum Integrity Verifier version 2.05.
///
\\perch\home\kussmancr\my\*
Error msg : The system cannot find the path specified.
Error code : 3
C:\>fciv.exe c:\BagIt_Bags\mailings\data\MAILINGS\borealis_logo.png
/// File Checksum Integrity Verifier version 2.05.
///
dfed9deb724fa6d262de47172425d9bd c:\bagit_bags\mailings\data\mailings\borealis_l
ogo.png
C:\>
```

Shows successful and unsuccessful results

As using the command line is not compatible with my environment, I did not go any further in investigating how to create a database of checksum values or how to verify them.

More investigation is required, including working with spaces in the file names.