

What is the best way to create and validate an MD5 file fingerprint?

# What is the best way to create and validate an MD5 file fingerprint?

---

*Source:*

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.wsh/2007-01/msg00161.html>

---

- *From:* mark4asp <[mark4asp@xxxxxxxxxx](mailto:mark4asp@xxxxxxxxxx)>
  - *Date:* Tue, 23 Jan 2007 13:01:04 +0000
- 

I want to use WMI to create an MD5 fingerprint for a large file (>= 50 Mb).

How should I go about it?

I know of 3 (freeish) controls I can use:

1) <http://www.slavasoft.com/porderandprice.htm>

QuickHash Library 3.0 1 License = \$149.95, but unlicensed use is permitted – giving a 10 second program delay. The program is a dll, it comes with comprehensive chm help

2) RSP Checksum OCX <http://rspssoftware.clic3.net>

340KB License: Free to try, \$50(US) to buy. I have looked into the restrictions on this. This program is an ocx with basic chm help

3) XStandard's MD5 Checksum Component, <http://www.xstandard.com>

This one is actually freeware. It's a dll with very basic documentation (there are only two calls which can be made to it), but they do give an ASP example in VBScript.

Alternatively, I can use ASP.NET 2.0 MD5 library.

Can someone who is more knowledgeable tell me which is the easiest.

All I need to do is, backup my database, compute the MD5 checksum. Save it to a file, FTP both the file and checksum and then recompute to validate the file integrity. If there's an error I'll send myself an email. This needs to be done periodically, once a week.

Apart from referencing the MD5 component I'm confident I can write the two WMI scripts I need.

I'm inclined to go with the XStandard dll, as I have the example of how to call their dll – unless someone will recommend a different route.

What is the best way to create and validate an MD5 file fingerprint?

What is the best way to create and validate an MD5 file fingerprint?