

## Re: How to programmatically check and fix asf files like asfcheck.exe

**Source:** <http://www.tech-archive.net/Archive/Media/microsoft.public.windowsmedia.sdk/2004-04/0225.html>

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**From:** Alessandro Angeli [MVP::DigitalMedia] (*nobody\_at\_nowhere.in.the.net*)

**Date:** 04/28/04

Date: Wed, 28 Apr 2004 10:20:33 +0200

Justin Engelman wrote:

> Hello,  
> How can I programmatically (preferrably from VB.NET)  
> check for wma or wmv file corruption and try to fix  
> errors like the WTools ASFCheck command line utility  
> does? Ideally I think it would be done using the Encoder  
> SDK since that has an interface I can use from VB, unlike  
> the Format SDK which requires some complex C++ (and I  
> still have a lot to learn about C++ and the Windows SDK).  
> Is this possible?  
>  
> Also, if anyone knows what exactly the ASFCheck utility  
> is looking for to see if a file is corrupt and how it  
> tries to fix the problem, could you please explain? I  
> can't find any detailed documentation on MSDN or anywhere  
> else online for ASFCheck.

ASFCheck is old and pre-dates the WMFSDK and anything based on it (WME9 for example). There is no library to perform a check because that is not something that can be done using the WMFSDK.

ASFCheck scans the ASF structure itself and, since the ASF syntax forces a given pattern in the file, it can determine whether the file is corrupt and fix it (only to some extent).

You can get the ASF specs from <http://www.microsoft.com/asf> and scan the file yourself in any language that can read binary files. It is not too difficult but not the easiest of things either. Finding a reliable error detection and error correction algorithm is a whole other story.

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\* Alessandro Angeli

microsoft.public.windowsmedia.sdk: Re: How to programmatically check and fix asf files like asfcheck.exe

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*  
* MVP :: Digital Media  
*  
* a dot angeli at biosys dot net  
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