

Re: "sccrun.dll" not compatible in different languages?

Source:

<http://www.tech-archive.net/Archive/VB/microsoft.public.vb.general.discussion/2005-07/msg00301.html>

- *From:* erewhon@xxxxxxxxxxx (J French)
 - *Date:* Wed, 6 Jul 2005 07:34:11 +0000 (UTC)
-

On Wed, 06 Jul 2005 02:52:21 GMT, "Michael D. Ober"
<obermd.@.alum.mit.edu.nospam> wrote:

>
>
>"J French" <erewhon@xxxxxxxxxxx> wrote in message
>news:42cb2f25.69809806@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
>>
>> On Tue, 05 Jul 2005 12:06:50 GMT, "Michael D. Ober"
>> <obermd.@.alum.mit.edu.nospam> wrote:
>>
>> <snip>
>>
>> >> I suppose you know that the FSO will simply not work on well set up
>> >> machines, since it is part of VB Scripting (AKA Viruse Gateway) canny
>> >> administrators disable it.

>Any OS that supports scripting must be properly locked down or the scripting
>will become an avenue for viruses. The very first internet worm (google
>Robert Morris Worm) used a hole in the debug configuration of the Unix
>sendmail program along with the native scripting in Unix to recompile and
>propagate itself. It wasn't the scripting that was the problem – it was the
>fact that the default installation of sendmail at the time was debug mode.
>Those sites that had turned off the debug mode weren't infected. The same
>situation exists today with Windows. There is an abnormal fear of windows
>scripting because it is extremely powerful and if you don't properly secure
>your system, it can become an avenue of attack.

The problem is that the vast majority of Windows machines are not properly maintained.

>Even with VB Scripting disabled, the sccrun.dll file is, in many cases,
>still available. There are two major problems with this file. First, it
>doesn't appear on all versions of Windows.

Some people physically delete it !

Re: "scrrun.dll" not compatible in different languages?

>Second, even when it does
>appear, it doesn't have a consistent interface. Unfortunately, there are
>some features in FSO (and also wscript.exe) that are nearly impossible to
>implement in VB 6 without FSO or another file system interface. The API
>calls to do some of this stuff, while easy in C++, are nearly impossible to
>get right in VB6.

I'm genuinely interested to know what those things are
– most things that can be done with APIs in C can be done in VB

>I wholeheartedly agree that if there is a native VB
>method or function, use it instead – it will almost always be faster and is
>far less likely to have platform dependent compatibility issues.

We certainly agree on that

<snip>

>The original PC-DOS 1.0 (MS-DOS 1.1 was released with the first PC clones)
>was a repackaged version of Seattle DOS, which in turn was based on CP/M. In
>all cases, the environment was a single, isolated, machine. My statement
>that VB 6 doesn't support multi-platform file IO is based on the fact that
>the single most common end of line marker on mini-computers is a single LF.

It was not when CP/M was written

>IBM mainframes were the primary generators of CR as a end of line marker,
>which is why Microsoft chose to support CR as well as the CP/M standard of
>CRLF. Gates and Allen had to support CR in order to sell PC-DOS and
>ROM-BASIC to IBM.

That's probably true – they also put in ERA as well as DEL

<snip>

>> It would be very funny if it did not have procedural support
>
>I have worked with languages that don't have procedural support. They can
>be extremely powerful (PROLOG) and extremely infuriating (SuperNova 4.1.1).
>Both are purely Object Oriented.

Sounds a nightmare, I can't envisage a language without simple
procedural code.

>> >This fundamental difference makes it
>> >nearly impossible to write a good language translator. The provided
>> >translator is useful for short segments of code however, which eases the
>> >transition process.
>>
>> Go back and look at the OP's original post

Re: "scrrun.dll" not compatible in different languages?

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>>

>> He was getting grief from using the FSO

>> – your reply was that VB is rubbish because it's Line Input does not

>> support #10 delineated text files.

>My reply is that the fact that Line Input doesn't support Unix style text

>files is a design flaw in VB 6 – nothing more, nothing less.

I don't agree, CrLf is much more widely understood

It is not unreasonable to assume that a coder who wants to read *nix files is likely to be capable of doing a simple conversion.

>By the way,

>this isn't the only oversight in VB 6's file handling. There is also no way

>of flushing the file buffers under program control without use the API to

>perform all your file IO.

There is, but it involves manually closing and re-opening the files.

Under DOS it could be done at Int 21h level by creating a duplicate file handle and then closing one of the clones.

I would say that the problem is really down to DOS

– but it would be nice if they had a Flush/Commit function

– also to be able to get the 'real' file handle (as one once could)

>The fact that there is no way to write a decent language translator from VB

>6 to VB 2005 (skip the weak sibling VB.Net 1.x) is irrelevant to the fact

>that VB 6 has a design flaw in file handling.

To be honest, in the MSDOS days we just used the underlying file handling stuff rather than Basic for anything non trivial.

>OPs real problem is that he was using FSO for features that are built into

>VB 6, thus forcing his code to unnecessarily handle compatibility issues

>across different versions of Windows. Unfortunately, there are a small

>number features of FSO and WScript that simply aren't available in any other

>method to the average VB 6 developer.

I would be really interested in the FSO features are impossible to do in VB with APIs

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• *References:*

◆ *Re: "scrrun.dll" not compatible in different languages?*

◇ *From: Michael D. Ober*

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- ◆ **Re: "sccrun.dll" not compatible in different languages?**
◇ From: Rick Rothstein
- ◆ **Re: "sccrun.dll" not compatible in different languages?**
◇ From: Michael D. Ober
- ◆ **Re: "sccrun.dll" not compatible in different languages?**
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- Next by Date: **Re: Programatically design a form**
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