
Subject: Re: KRS AVI plugin

Posted by [ronn](#) on Thu, 01 Oct 2009 09:23:01 GMT

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On Sep 30, 2:58 pm, Robert Moss <robert.m...@gmail.com> wrote:

> On Sep 29, 11:23 am, Robert Moss <robert.m...@gmail.com> wrote:

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>> On Sep 28, 10:55 pm, Robert Moss <robert.m...@gmail.com> wrote:

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>>> On Sep 28, 2:49 pm, Robert Moss <robert.m...@gmail.com> wrote:

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>>>> On Sep 27, 12:01 pm, Robert <robert.m...@gmail.com> wrote:

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>>>> > On Sep 27, 11:58 am, Robert Moss <robert.m...@gmail.com> wrote:

>

>>>> > > I ma having a bit of trouble installing the AVI plugin from Ronn

>>>> > > Kling. I have installed the plug in via the Eclipse update mechanism.

>>>> > > The workbench tells me it is not installed correctly: under Status it

>>>> > > says "No plug-in: "com.rlkling.idl.contrib.avi.windows" included at

>>>> > > runtime.".

>

>>>> > > (I did not even get that much information until I moved the

>>>> > > MANIFEST.MF file into a META-INF subdirectory. Prior to that the

>>>> > > Status told me "Plug-in "com.rlkling.idl.contrib.avi.windows" version

>>>> > > "2.0.0" referenced by this feature is missing.")

>

>>>> > > Now when I try to run (for example) the fastAVIdisplay example code, I

>>>> > > get this error:

>

>>>> > > % OBJ_NEW: Error loading sharable executable.

>>>> > > Symbol: IDL_Load, File = C:\3rd

>>>> > > Party\ITT\IDL708\idlde\plugins

>>>> > > \com.rlkling.idl.contrib.avi.windows_2.0

>>>> > > .0\KRSgrAVI.dll

>>>> > > This application has failed to start because the

>>>> > > application

>>>> > > configuration is incorrect. Reinstalling the application

>>>> > > may fix this

>>>> > > problem.

>>>> > > % Execution halted at: FASTAVIDISPLAY 26 C:\3rd

>>>> > > Party\ITT\IDL708\idlde\plugins

>>>> > > \com.rlkling.idl.contrib.avi.windows_2.0.0\fastAV

>>>> > > ldisplay.pro

>

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>>>> > > Obviously I have already tried uninstalling and reinstalling the plug
>>>> > > in, but alas.
>
>>>> > > Any ideas what missing?
>
>>>> > > r
>
>>>> > Ok, just for grins I uninstalled and reinstalled the plug in once
>>>> > more. I did not modify anything. When I try and run fastAVIdisplay.pro
>>>> > I get this error:
>
>>>> > % OBJ_NEW: Error loading sharable executable.
>>>> >       Symbol: IDL_Load, File = C:\3rd
>>>> >       Party\ITT\IDL708\idlde\plugins
>>>> > \com.rklking.idl.contrib.avi.windows_2.0
>>>> >       .0\KRSgrAVI.dll
>>>> >       This application has failed to start because the
>>>> > application
>>>> >       configuration is incorrect. Reinstalling the application
>>>> > may fix this
>>>> >       problem.
>>>> > % Execution halted at: FASTAVIDISPLAY   26 C:\3rd
>>>> > Party\ITT\IDL708\idlde\plugins
>>>> > \com.rklking.idl.contrib.avi.windows_2.0.0\fastAV
>>>> > Idisplay.pro
>
>>>> > Sigh.
>
>>>> > r- Hide quoted text -
>
>>>> > - Show quoted text -
>
>>>> I believe this error is caused by the lack of C runtime libraries on
>>>> the machine. You can get the runtime redistributable libraries
>>>> athttp://www.microsoft.com/DOWNLOADS/details.aspx?familyid=9B2DA534-3E0...
>
>>>> I will report here if this solves my problem. I started this thread,
>>>> might as well finish it.
>
>>>> r
>
>>> Still no joy. Installing the runtime libraries has not helped. I am
>>> guessing it is a VC80 version issue, or perhaps something wrong with
>>> the manifest in the KRSgrAVI DLL, but who knows? Has anyone gotten the
>>> latest KRSgrAVI to work with IDL 7.0.8?
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>> It appears that in order for the 2.0.0 KRSgrAVI DLL to work, you must
>> have installed the most recent (?) security update for the C runtime
>> redistributable. The link I gave above is does NOT include the
>> security update. Apparently DLLs created on systems onto which the
>> security update has been installed will REQUIRE the new DLL be
>> installed on any client machine. The DLL in question is
>> Microsoft.VC80.CRT version 8.0.50727.4053. (The version linked to in
>> the earlier post was version 3053). As soon as I have installed this
>> latest version, I will report back.

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> Well, good news and bad news:

>

> The Good News: Installing the proper version of the C runtime library
> (Microsoft.VC80.CRT version 8.0.50727.4053) solves the problem with
> loading the KRSgrAVI DLL.

>

> The Bad News: Everything seems to work great, as long as the movie is
> not too large. I have not explored this thoroughly, but if your movie
> is small (say, just a few MB) all is well. If, on the other hand, your
> movie is large (say 650 MB or larger) IDL crashes when trying to load
> the KRSgrAVIreader object. I am running IDL 7.0.8 by the way.

>

> I am suspicious that the reader object is attempting to read the
> entire movie into memory, and therefore it is crashing IDL when the
> movie is too large. I am hoping this is NOT the case, because if it is
> then analyzing a very large (multi-GB) movie file will be out of the
> question.

>

> Does anyone out there know if older versions of this DLL have a
> problem with large files?

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> - Show quoted text -

Hi Robert,

No, it doesn't read it all into memory, only one frame at a time.
Plus, I make movies that large all the time. However, what I have
noticed with the really large movies is that if I use one codec to
compress/decompress IDL may crash but using another one (with the same
data) works fine. I even have a case where the Divx codec works fine

on my laptop for movies but the same codec does not work on my desktop. I have no idea why.

Ronn Kling
