Subject: Re: idl bytecode
Posted by Craig Markwardt on Fri, 16 Feb 2007 06:03:29 GMT

"skymaxwell@gmail.com" <skymaxwell@gmail.com> writes:
> seems IDL like Java interpritator language
> all IDL programs run in IDL VM
>
> so where is bytecode files (in Java it's files with .class
> extension) ? or how happened run process ?

One can save IDL byte code in SAVE files. However, this data is said
to be encrypted now. Most commonly byte code is stored transiently
within the memory of the current session, and is re-compiled from
source for each session.

Craig

--
 --- --------------
Craig B. Markwardt, Ph.D.   EMAIL: craigmnet@REMOVEcow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
 --- --------------

Subject: Re: idl bytecode
Posted by Haje Korth on Fri, 16 Feb 2007 13:13:37 GMT

In IDL you do not need a byte code file to run a program. When you run a
program it is first compiled into memory and then executed. As Craig pointed
out there is a possibility to create SAVE files which can among other things
contain byte code. Unless you have code you don't want others to see, save
files are in my opinion a rather impractical way for distributing code.

haje

<skymaxwell@gmail.com> wrote in message
 news:1171602286.624414.51920@l53g2000cwa.googlegroups.com...
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Subject: Re: idl bytecode
Posted by JD Smith on Sat, 17 Feb 2007 01:13:04 GMT
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On Fri, 16 Feb 2007 08:13:37 -0500, Haje Korth wrote:

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> distributing code.

The other time when bytecode is convenient is to package all your
dependencies into one file which is guaranteed not to conflict with
various other tools broken inclusion of AstroLib/MPFit/etc. (I know
people have 5 versions of MPFit from ~2000 via recent releases of
tools which "bundle" it -- ouch). If everything is in a single sav,
and they load it, they'll be in fine shape.

JD

Subject: Re: idl bytecode
Posted by Haje Korth on Mon, 19 Feb 2007 15:19:42 GMT
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JD,
Good point, haven't thought of that.

Haje

"JD Smith" <jdsmith@as.arizona.edu> wrote in message
news:pan.2007.02.17.01.13.04.913158@as.arizona.edu...
> On Fri, 16 Feb 2007 08:13:37 -0500, Haje Korth wrote:
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>