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Subject: Re: Resolve iTools for Virtual Machine

Posted by [David Fanning](#) on Mon, 03 Nov 2003 23:53:59 GMT

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David Fanning writes:

>> With the arrival of IDL 6 and the features of iTool and Virtual  
>> Machine I though my problems are solved, but so far I couldn't create  
>> a working ".sav" file. The problem is that itools use some runtime  
>> dependencies, which cannot be resolved with the resolve\_all command.

>

> Oh, oh. Whoops!

>

> I wrote a little file (see below) to compile all the object programs  
> in the iTools directory, but I still couldn't get my little example  
> program to run as a run-time or Virtual Machine program.

>

> I finally got it to work (I think, I haven't tested this much)  
> by running my ITOOLS\_SETUP program, compiling my TEST\_ITOOLS  
> program, actually \*running\* my TEST\_ITOOLS program, then  
> typing RESOLVE\_ALL and saving the routines in a save file.

>

> IDL> itools\_setup

> IDL> .compile test\_itools

> IDL> test\_itools

> IDL> Resolve\_All

> IDL> Save, File='test\_itools.sav', /Routines

>

> Maybe the good folks at RSI will let us know what we are  
> missing here. :-)

I guess the good folks at RSI have already thought of this!

I found this Tech Tip on their web page this afternoon:

<http://www.rsinc.com/services/techtip.asp?ttid=3577>

To create a SAVE file you need to call an undocumented routine  
named IDLITRESOLVEITools. Basically, this routine does what  
I was trying to do, although it finds all the right files. :-)

The code sequence that worked for me was this:

IDL> .compile test\_itools

IDL> IDLITRESOLVEITools

IDL> Resolve\_All

IDL> Save, File='test\_itools.sav', /Routines

Works great as a run-time and in the Virtual Machine.

Cheers,

David

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