Subject: Re: "Unable to find a valid Python installation" error, a python__define error ?

Posted by chris_torrence@NOSPAM on Tue, 25 Aug 2015 16:11:07 GMT

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On Tuesday, August 25, 2015 at 5:16:30 AM UTC-6, Kallisthène wrote:
> Dear all,
>
>
> I had difficulties using the Python bridge with my own winpython installation and I received the 'Unable to find a valid Python installation.' error message.
>
> Thus after spending a lot of time in Windows innards, I just opened the python__define.pro file and found the following piece of code :
>
> ; Determine which Python version to load.
> SPAWN, ['python', '--version'], stdout, stderr, /noshell
> if (stderr[0].Contains('Python 2.7')) then begin
> DLM_LOAD, 'Python27'
> endif else if (stderr[0].Contains('Python 3.4')) then begin
> DLM_LOAD, 'Python34'
> endif else begin
> MESSAGE, 'Unable to find a valid Python installation.'
> endelse
>
> Simply by replacing stderr[0] by the correct stdout[0] I succeeded in fully using Python in IDL as well as the IDL notebook.
>
> What is strange is that a previous anaconda installation worked perfectly well, as well as an earlier winpython 2.7. I have no explanation.
>
> By the way, the 3.5 Python will be released in one month, maybe you should update this piece of code ?
>
> Hope it helps those with similar issues

Hi Kallisthène,

Thanks for reporting this. For some reason different flavors of Python uses stdout or stderr, but not consistently. I'll go ahead and update the code to check both.

Cheers,
Chris