Subject: Re: IDL to Python bridge and "file-like" Python object
Posted by lecacheux.alain on Thu, 19 May 2016 11:39:53 GMT

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Le jeudi 19 mai 2016 11:53:19 UTC+2, Fabien a écrit :
> On 05/18/2016 06:22 PM, alx wrote:
>> Of course, as you said, it is possible to cast the bytes variable inside Python, then to transfer it to IDL. But it is a bit laborious (and slow ?).
>
> Does your package support python3? It seems that the bytarray problems
> has something to do with str representations in legacy python.
>
> Cheers,
>
> Fabien

I am using FDB 1.6, Python 3.4 (both quoted as compatible) and IDL 8.5.1.
From my previous post you can check that the FDB blobReader output is a binary bytearray (bytes) within Python, but a string within IDL.
Therefore, the issue looks like to not come from Python but from the IDL/Python bridge, which (incorrectly, I guess) converts Python bytes variable into IDL string (as you can see in the Exelis Python bridge documentation).
This choice is unfortunate because Python bytes variable (afaik, but I am not familiar enough with Python) can contain zero values.
alain.