
Subject: Re: SHMMAP and IDL_IDLBridge
Posted by [Robbie](#) on Wed, 29 Oct 2008 03:17:43 GMT
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You should be able to map a structure using SHMMAP, however, there are a number of limitations which make it nearly useless:

- 1) You cannot have pointers or objects in your structure. This makes sending variable size datasets very difficult
- 2) You cannot use strings. Instead you must create a fixed width bytarr() and cast it to and from a string.

An alternative solution is to use CMSVLIB written by Craig Markwardt
<http://www.physics.wisc.edu/~craigm/idl/>
Using this package you should be able to convert any combination of IDL variables into a bytarr() which can then be copied to shared memory. This might be notably slower than the above solution but it is more flexible.

Personally, I have taken a backwards step from using SHMMAP. If I really need threads, then I choose a language which supports them.

Regards,

Robbie
