
Subject: How do I return a 2d array in a system routine?

Posted by hotplainrice@gmail.co on Mon, 15 Sep 2008 10:25:13 GMT

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I have been using cublas_sgemv.pro to call a C function
IDL_CUBLAS_SGEMM() which is LINKIMAGE'd into IDL.

Now, I'd like to reduce it to IDL_CUBLAS_SGEMM only. How do I create
an IDL_VPTR and IDL_VARIABLE to return the result which is a 2D array.

I find it hard to understand IDL's documentation in returning
variables e.g. usage of IDL_MakeTempArray() in the Example: A Complete
Numerical Routine Example (FZ_ROOTS2)

```
char *IDL_MakeTempArray(int type, int n_dim, IDL_MEMINT dim[],  
                        int init, IDL_VPTR *var)
```

How do I create IDL_MEMINT?

Excuse my Bush-like IQ

Zaki
