
Subject: Returning a struct containing variable-length arrays

Posted by [franzpx125](#) on Mon, 15 Sep 2008 22:28:30 GMT

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Hi!

Within my DLM, I need to return a struct containing two arrays but the length of the arrays is known only at run-time. Which is the correct way to write the DLM code? I think I have to use IDL_MAX_ARRAY_DIM and I defined:

```
static IDL_MEMINT my_tags_dims[] = { 1, IDL_MAX_ARRAY_DIM };
```

```
static IDL_STRUCT_TAG_DEF my_tags[] = {  
  { "X", my_tags_dims, (void *) IDL_TYP_DOUBLE },  
  { "Y", my_tags_dims, (void *) IDL_TYP_DOUBLE },  
  { 0 }  
};
```

but I don't know how to fill the fields of this struct. Any help?

Thanks,
Brun Francesco
