

---

Subject: Returning a struct containing variable-length arrays

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

[View Forum Message](#) <> [Reply to Message](#)

---

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

---