
Subject: Constant Size Array in Class Init
Posted by [Chris Williams](#) on Mon, 23 May 2011 21:27:18 GMT
[View Forum Message](#) <> [Reply to Message](#)

I am creating a class that holds multidimensional data of several different arrays. What I am trying to do is create a class to hold the arrays, and then define the array sizes in the init function since they will be different sizes.

For example, I want to do something like this

```
FUNCTION myclass:init, dim1, dim2, dim3
myarray = dblarr(dim1, dim2, dim3)
RETURN,1
END

PRO myclass__define
void = {myclass, myarray :dblarr } ;NO SIZE ON ARRAY
RETURN
END
```

However, I get a conflicting data structure error without first defining the size of the array in the procedure myclass__define. Is there an empty array object that allows me to define the array size at initialization and not at object creation?

Another example in JAVA,

```
//Class definition
class myClass(){
double myarray[][][];

//Constructor
myClass(dim1, dim2, dim3){
myarray = new double[dim1][dim2]dim3];
}

}
```
