

---

Subject: Re: Returning ARRAYs from functions?

Posted by [Robert Stockwell](#) on Wed, 13 Mar 2002 22:31:13 GMT

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

---

You can return arrays from an IDL function.

-bob

```
function passarray,length
```

```
a = findgen(length > 1)
```

```
return,a
```

```
end
```

R.A wrote:

```
> I have been rewriting some software in IDL5.4 passed onto me
> by a former colleague.
> Essentially the function is required to correct an array of values
> by applying a polynomial and then return the corrected array.
>
> I have noted this doesnt work as I have stated although I
> had the idea IDL could pass any dimension array to a
> function and return the array from the function.
>
> What seems to have been done is to create a structure from
> the array passed and return the structure.
>
> Is what I have said correct? ... that you need to pass data arrays
> from IDL functions as data structures as arrays cannot be
> passed??
>
> Comments please.
>
>
>
```