

---

Subject: Re: Reading structure from array  
Posted by [Robert Moss](#) on Tue, 21 Jun 2005 01:35:55 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

photosalex@freenetname.co.uk wrote:

> Hello, All!  
>  
> Could anyone suggest how to read a pre-defined structure containing  
> variables and 2-D arrays from a source array? It's very simple to read  
> such a structure from a file, using READU. Is there any way to do it  
> with an array without explicitly specifying the indices of the source  
> and target variables/arrays (this is gonna be too messy).  
>  
> Thanks a lot!  
>

Write the source array to a temporary file as bytes (assuming it is not already in a file), and read it back in using the structure definition in the READF call. Something along these lines:

```
openw, lu, tmpfile, /get_lun
writeu, lu, data
free_lun, lu
openr, lu, tmpfile, /get_lun
readu, lu, struct
free_lun, lu
file_delete, tmpfile, /quiet
return, struct
```

--

Robert Moss, PhD

---