Subject: Re: Expanding Arrays of Structures Posted by Foldy Lajos on Thu, 28 Sep 2006 15:50:18 GMT

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On Thu, 28 Sep 2006, Haje Korth wrote:

```
> Hi,
> It's one of those days. You think you know IDL but you really don't.
> Well, may be someone can help.
>
> I have an array of structures created like
> s1={a:0,b:0,c:0}
> s2=replicate(s1,10)
>
> Is there a way to expand this array by another tag "d" so that
> essentially every array index contains the structure {a,b,c,d}?
> The reason why I don't include "d" right away is that I read the
> structure content from files, where the additional variable is not
> available.
> I have looked at struct assign and create struct, but I don't think
> they can do what I want.
>
> Does anyone have any idea except copying every freakin' tag
> separately???
>
> Thanks,
> Haje
>
Hi,
struct_assign will do the job:
s1={a:1,b:2,c:3}
s2=replicate(s1,10)
s1ext={a:1,b:2,c:3,d:4} ; you can build s1ext with create_struct
s2ext=replicate(s1ext, 10)
struct_assign, s2, s2ext
regards,
lajos
```

Subject: Re: Expanding Arrays of Structures Posted by Haje Korth on Fri, 29 Sep 2006 12:24:12 GMT

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Thanks, great, I was barking up the wrong tree. I tried to append the original structure by the new tag, which did not work. It did not occurr to me that the solution is to regenerate the entire structure including the new tags.

```
Haje
PS: Sorry for the double post... It's Googles fault...:-)
FÖLDY Lajos wrote:
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>> Haje
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```
> s1ext={a:1,b:2,c:3,d:4} ; you can build s1ext with create_struct
> s2ext=replicate(s1ext, 10)
>
> struct_assign, s2, s2ext
>
> regards,
> lajos
```