
Subject: Re: Two named structures with the same name that won't concatenate.
Any suggestions?

Posted by [J. Solbrig](#) on Fri, 29 Aug 2008 05:26:20 GMT

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I have solved my problem, but am still unsure why my method worked many, many times, then decided to quit working. I would really like to know so I don't do something dumb again, or I can avoid a subtle little problem I haven't thought of yet.

Thanks

Subject: Re: Two named structures with the same name that won't concatenate.
Any suggestions?

Posted by [ben.bighair](#) on Fri, 29 Aug 2008 15:45:21 GMT

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On Aug 29, 1:26 am, "J. Solbrig" <JSolb...@gmail.com> wrote:

> I have solved my problem, but am still unsure why my method worked
> many, many times, then decided to quit working. I would really like
> to know so I don't do something dumb again, or I can
> avoid a subtle little problem I haven't thought of yet.
>
> Thanks

Hi,

I think the issue may be a little clouded by the fact that your example is with named structures. It really isn't an issue about structures but about arrays of any type. Here's a simplified example of what you tried above...

```
SeaDAS> x = {XSTRUCT, A: 0, B: 'boo'}
SeaDAS> a = REPLICATE(x, 70)
SeaDAS> b = [[a],[x]]
% Unable to concatenate variables because the dimensions do not agree:
X.
% Execution halted at: $MAIN$
SeaDAS> help, [a,x]
<Expression>  STRUCT    = -> XSTRUCT Array[71]
SeaDAS> help, [[a],[a]]
<Expression>  STRUCT    = -> XSTRUCT Array[70, 2]
```

The form of concatenation that looks like `[[a],[b]]` tries to create an new array with a second dimension. The form of concatenation that looks like `[a,b]` simply appends b to a (which what I think you want).

Cheers,
Ben
