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Subject: Re: structure-array-structure-array  
Posted by [ian](#) on Mon, 26 Jul 1993 15:15:05 GMT  
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Word has it that hatay@spot.Colorado.EDU (Ferhat F. Hatay) may have said:

```
> I am trying to read a messy data through structures.
> Right now, my difficulty is with the definition
> of the structures.
>
> Basically, I could not figure out how
> to define a structure which has an array of structures
> in the declaration.
>
> In other words: Is there a better way of achieving the below
> operation?
>
> header = {trace, idum: 0L, ntrace: 0L, u: 0., v: 0., jdum: 0L}
>
> chunk  = {record,idum1: 0L, ncnt: 0L, idum2: 0L,
>           data1: {trace}, $
>           data2: {trace}, $
>           data3: {trace}, $
>           data4: {trace}, $
>           data5: {trace}, $
>           data6: {trace}, $
>           data7: {trace}, $
>           data8: {trace}, $
>           data9: {trace}}
>
> wholefile = replicate({record},50000)
>
>
> I want to be able declare data1 to data9 fields in a
> array.
>
```

Try this:

```
chunk  = {record,idum1: 0L, ncnt: 0L, idum2: 0L,
data: replicate(header,9)}
```

```
help,/struc,chunk
```

```
)-Ian Novack (Particle Man)------ian@gomez.jpl.nasa.gov-(
/ "I have long had a keen scientific interest in   Jet Propulsion Lab   \
( combustible breakfast foods..." -- Dave Barry   Pasadena, CA       )
\~Disclaimer: Had this been an actual opinion, it would still be mine.-----/
```