
Subject: Error in concatenating structure arrays

Posted by [Paul van Delst](#) on Wed, 30 Apr 1997 07:00:00 GMT

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Hello,

I have a niggling problem with structure concatenation.

The following code :

pro test

```
as_state = { x0:-1L, y0:-1L, x1:-1L, y1:-1L, select:-1L, color:-1L }
info = { as_state : as_state }
dummy = { x0:2L, y0:2L, x1:2L, y1:2L, select:2L, color:2L }
info = { as_state : [ info.as_state, dummy ] }
help, info.as_state
```

end

gives the result :

```
% Conflicting data structures: DUMMY,MISSING.
% Execution halted at:  TEST          6 test.pro
%                               $MAIN$
```

i.e. when I try to concatenate the structures, it fails.

The following code defines the dummy structure differently:

pro test

```
as_state = { x0:-1L, y0:-1L, x1:-1L, y1:-1L, select:-1L, color:-1L }
info = { as_state : as_state }
```

```
dummy = info.as_state
dummy.x0 = 2L
dummy.y0 = 2L
dummy.x1 = 2L
dummy.y1 = 2L
dummy.select = 2L
dummy.color = 2L
```

```
info = { as_state : [ info.as_state, dummy ] }
help, info.as_state
```

end

and works as expected with the result:

```
<Expression>  STRUCT  = -> <Anonymous> Array(2)
```

My question is: Why does the first method, where the dummy structure to be concatenated is explicitly defined, not work? What does the error message actually mean?

Thanks for your time,

Paul van Delst
