
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
