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Subject: Problem using the method List->ToArray()  
Posted by [natha](#) on Wed, 11 May 2011 15:02:24 GMT  
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Hi folks,

I have a list containing 2885 structures of the same type. When I want to convert the list to an array I get the following error:

% LIST::TOARRAY: Unable to convert to type STRUCT: Element 260

LOL ! All the elements are the same type so I don't see what's going on.. Anyone experienced this ?

Here is how I verify if all the elements in the list are the same:

```
;; GETTING THE TAG NAMES AND TAG TYPES OF THE FIRST STRUCTURE  
str_ntags=N_TAGS(data[0])
```

```
str_names=TAG_NAMES(data[0])  
str_types=INTARR(str_ntags)
```

```
FOR i=0I, str_ntags-1 DO str_types[i]=SIZE(data[0].(i),/TYPE)
```

```
;; THE CODE WILL STOP IF ONE ELEMENT IS NOT EQUAL TO THE FIRST ONE
```

```
FOR i=0I, N_ELEMENTS(data)-1 DO BEGIN  
  aux_names=TAG_NAMES(data[i])  
  IF N_ELEMENTS(aux_names) NE str_ntags THEN STOP  
  FOR j=0I, str_ntags-1 DO BEGIN  
    IF aux_names[j] NE str_names[j] THEN STOP  
    IF str_types[j] NE SIZE(data[i].(j),/TYPE) THEN STOP  
  ENDFOR  
ENDFOR
```

Thank you,  
natha

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