
Subject: Wave structure/list/asarr nesting levels - not infinite?
Posted by [Bruce E Thomason](#) on Tue, 19 Mar 1996 08:00:00 GMT
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Product/Platform: PV-Wave 6.0 Beta/Windows '95

After putting together a fairly complex bit of code I have hit a limitation in the depth of nested structures/arrays (I tested to two levels & assumed that infinite levels were supported ... shame on me!).

The structure "path" looks something like:

```
Struct.list( asarr( struct.list( asarr( ...ad naseum ))))
```

Here is an example of the problem

```
lst = ASKEYS( Res.value(0,'x').value(0,'y').value(0))  
% Expression must be a structure in this context: <No name>.
```

...where each "value" in the above is a LIST(ASARR())

The design approach that got me into into this mess is intended enable efficient passing by reference of a large collection of data of different types, sizes, and structures, all referenced back to a single point.

Questions are:

0. Can anyone elucidate on what the data structure nesting limitations are for Wave 6.0?
1. Is this a W'95/Beta issue only?
2. Are there ways (system variables?) to get around a limited nesting depth?
3. Any other suggestions? (Kind ones please!)

Thanks, Bruce

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```

```
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