
Subject: 4D concat % Only three levels of variable concatenation are allowed. (nD concat on every dim)

Posted by [R.Bauer](#) on Mon, 07 Apr 2008 13:46:00 GMT

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Hi all

problem:

```
IDL> a=make_array(3,3,3,2)
IDL> help,a
<Expression>  FLOAT   = Array[3, 3, 3, 2]
IDL> help,[[[[a]]],[[a]]]]
```

% Only three levels of variable concatenation are allowed.

solution:

```
IDL> help,concatenate_arrays(a,a,3)
% Compiled module: CONCATENATE_ARRAYS.
<Expression>  FLOAT   = Array[3, 3, 3, 4]
```

you can get this function from

http://www.fz-juelich.de/icg/icg-1/idl_icglib/idl_source/idl_work/fr_lib/concatenate_arrays.pro
`help,concatenate_arrays(a,a,3)`

and some others

a IDL library at Forschungszentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

cheers
Reimar
