Subject: adding a 4th dimension to 3D array during concatenation
Posted by wdolan on Tue, 15 Mar 2016 22:37:12 GMT

So outside a loop I start out with an empty array (ex. array=[ ]). Then each time through the loop, I make an array with 3 dimensions (for example, array x has dimensions[91, 41, 33]), and then concatinate it to the previous array. (ex. array=[array, x]).

Lets say we run through the loop 16 times. What I'd like as a result is something that has dimensions like this [16, 91, 41, 33].

I'm not sure how to do this... I've looked at IDL coyote's concatenation tutorial, and still am having trouble.

I'm pretty new to coding period, so this is a challenge. Any ideas?