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Subject: Re: How to apply a function to an array?

Posted by [Antonio Santiago](#) on Fri, 13 May 2005 09:05:06 GMT

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W. Eremeev wrote:

> Suppose, I have a function with one scalar argument, returning a scalar  
> and an array of values.  
> I want to get another array with the same dimensions, containing  
> results of application of my function to the values in the first array.

>

> R ([www.r-project.org](http://www.r-project.org)) has such functions (apply, lapply, sapply).

> They take vectors or matrices and functions as arguments and return  
> arrays.

>

> What about IDL?

>

R is a functional programming language whereas IDL not. This means the  
working philosophy is pretty different.

Sorry :(, but I don't know if there is a function or procedure in IDL  
that executes an specified function over a set of data. Perhaps you must  
think in terms of loops.

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Antonio Santiago Piñeres

( email: [santiago@grahi.upc.edu](mailto:santiago@grahi.upc.edu) )

( www: <http://www.grahi.upc.edu/santiago> )

( www: <http://asantiago.blogspot.org> )  
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GRAHI - Grup de Recerca Aplicada en Hidrometeorologia

Universitat Politècnica de Catalunya  
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