
Subject: Array Tiling - The IDL Way

Posted by [Percy Pugwash](#) on Mon, 12 Mar 2012 17:31:24 GMT

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I have a large array that I'd like to break up into tiles (square tiles of side T). I would like to have those tiles in the form of a stack, such that my array goes from dimensions $[Nx*T, Ny*T]$ to $[T, T, Nx*Ny]$.

Is there any way I can do this using only functions like REFORM and TRANSPOSE and no for-loops? Ideally I'd like to do it in-place too. I've been racking my brain for a nice IDLesque way to do this, but no luck thus far...

P
