Subject: Array juggling help needed

Posted by Haje Korth on Fri, 23 Sep 2005 12:30:29 GMT

Good morning,
I need to expand and an array non-uniformly based on its content. I am trying to to the following:

input array: [1,5,4,1]
output array should be: [1,0.2,0.2,0.2,0.2,0.2,0.25,0.25,0.25,0.25,1]

Each elements of the input array is basically tuned into fltarr(inputarray[i])/inputarray[i] and the subarray concatenated. Is there a way to do this in one step, without using "for" loops and array concatenation? If not, I can work around this, but knowing for sure that this doesn't work would at least allow me to stop thinking about this problem. :-)

To me this looks kind of like a "REPLICATE" for vectors function?

Thanks for your input in advance,
Haje