Subject: DArray Test
Posted by davidmccoy on Wed, 29 Mar 2017 18:46:49 GMT

Update 1 2:04PM March 30: Updated displayDArray to not print newlines

Try running this test:
DArray *array = newDArray(displayInteger);
insertDArray(array,newInteger(3));
removeDArray(array);
displayDArray(stdout,array);
insertDArray(array,newInteger(4));
insertDArray(array,newInteger(7));
insertDArray(array,newInteger(2));
displayDArray(stdout,array);
for (int i = 0; i < 5000; i++) insertDArray(array,newInteger(7));
for (int i = 0; i < 4999; i++) removeDArray(array);
displayDArray(stdout,array);
fprintf(stdout,"%d\n",getInteger(getDArray(array,0)));
Do you get this? I hope so:
[] [1] [1] [1] [4,7,2] [1] [4,7,2,7] [12] 4

Subject: Re: DArray Test
Posted by ncleason on Wed, 29 Mar 2017 19:20:27 GMT

Mine has exactly that.

Subject: Re: DArray Test
Posted by davidmccoy on Wed, 29 Mar 2017 19:27:19 GMT

RTR

Subject: Re: DArray Test
Posted by wjtreutel on Wed, 29 Mar 2017 19:32:51 GMT

Can confirm.
Subject: Re: DArray Test
Posted by nboltralik on Wed, 29 Mar 2017 20:36:10 GMT
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Do you set all the unused values in your array to NULL when you create it and when it grows? If not that might be why the check for NULL is not evaluating correctly.

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Subject: Re: DArray Test
Posted by bhpauken on Wed, 29 Mar 2017 21:14:10 GMT
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Can also confirm.

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Subject: Re: DArray Test
Posted by jablanchard1 on Thu, 30 Mar 2017 05:37:32 GMT
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Since the spec says that the output should have no white space or newline following the last set of brackets, shouldn’t the output be[[1][4,7,2][1][4,7,2,7][12]4 ?

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Subject: Re: DArray Test
Posted by davidmccoy on Thu, 30 Mar 2017 12:05:53 GMT
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You are correct. Will update.

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Subject: Re: DArray Test
Posted by bmbaker1 on Thu, 30 Mar 2017 15:03:15 GMT
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I am getting (im adding the \n here just for readability):

[[2]
which means that my shrinking is slightly off?

Any suggestions? I believe I am checking for the shrinking correctly. I also believe that I am shrinking to the correct size. I also realize that just because I believe something does not mean that it is true...

Edit: Fixed it! It was, in fact, me checking if the array was full incorrectly. Man, I'm glad this forum exists!!!