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| --- | --- | --- |
|  | doublerAppend runtime | doublerInsert runtime |
| tinyArray | 80.1 µs | 760.3565 µs |
| smallArray | 82.6 µs | 36.5 µs |
| mediumArray | 138.7 µs | 148.9 µs |
| largeArray | 470.6 µs | 7.4061 ms |
| extraLargeArray | 2.793 ms | 760.3565 ms |

Both functions scale linearly, but the doublerAppend function scales better. As the array size increases, the doublerAppend function handles the increased array size more quickly than the doublerInsert function. For example, when the mediumArray (1000) is passed in to the functions it takes the doublerAppend function 470.6 microseconds to handle the array while it takes the doublerInsert function 7.4061 milliseconds to do the same.