Q: I am using **NXWriteTypes()** to   archive a character array as follows:

        NXWriteTypes (typedStream, "[32c]", &myCharArray);

I am following the syntax specified in the documentation, but I consistently get a memory exception error.   Why?

A: The reason is that you are using **NXWriteTypes()** (plural), which expects multiple types of data, but you only have one single data type.   The fix is to use **NXWriteType()**:

        NXWriteType(typedStream, "[32c]", &myCharArray);

There is another way to archive an array with the specialized NXFunction **NXWriteArray()**.   The above example would be changed to:

        NXWriteArray(stream, "c", 32, myCharArray);

Note the different syntax, and see the technical documentation for details on other types of array elements.

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Valid for 1.0, 2.0, 3.0