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Thread: [Serialization - Dealing with the Out of memory exception \(Workaround\)](#)

Barret - January 27, 2017, 10:46 am

For those that are playing around with the serialization features i want to give a small suggestion slash workaround trick,
you might hit your head on the 'Out of memory' exception whilst saving or loading up a big (200mb or bigger) serialized object.

Two things to overcome this:

Option 1. Change the target CPU to 64bits

Option 2. GC.Collect

Implement a method that would call the 'GC.Collect' after a several 'n' amount of iterations.

I do strongly suggest you don't spam the 'GC.Collect', ive been reading that this operation is heavy on performance.

Alright, take care. :)

debug - January 27, 2017, 11:05 am

GC.Collect should be used very sparingly, as it blocks the main thread and hinders performance.

Here's a nice write up:

<http://www.infoworld.com/article/3099113/application-development/my-two-cents-on-gc-collect-method-in-c.html>

Barret - January 27, 2017, 11:12 am

(Jan 27, 2017 12:05 PM)debug Wrote: [\[CITE\]](#) GC.Collect should be used very sparingly, as it blocks the main thread and hinders performance.

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True, but lets assume you rarely use serialized xml or objects above 500mb or even above the 1gb. I don't see why you would use it in the first place. But if you must, then these are your options.