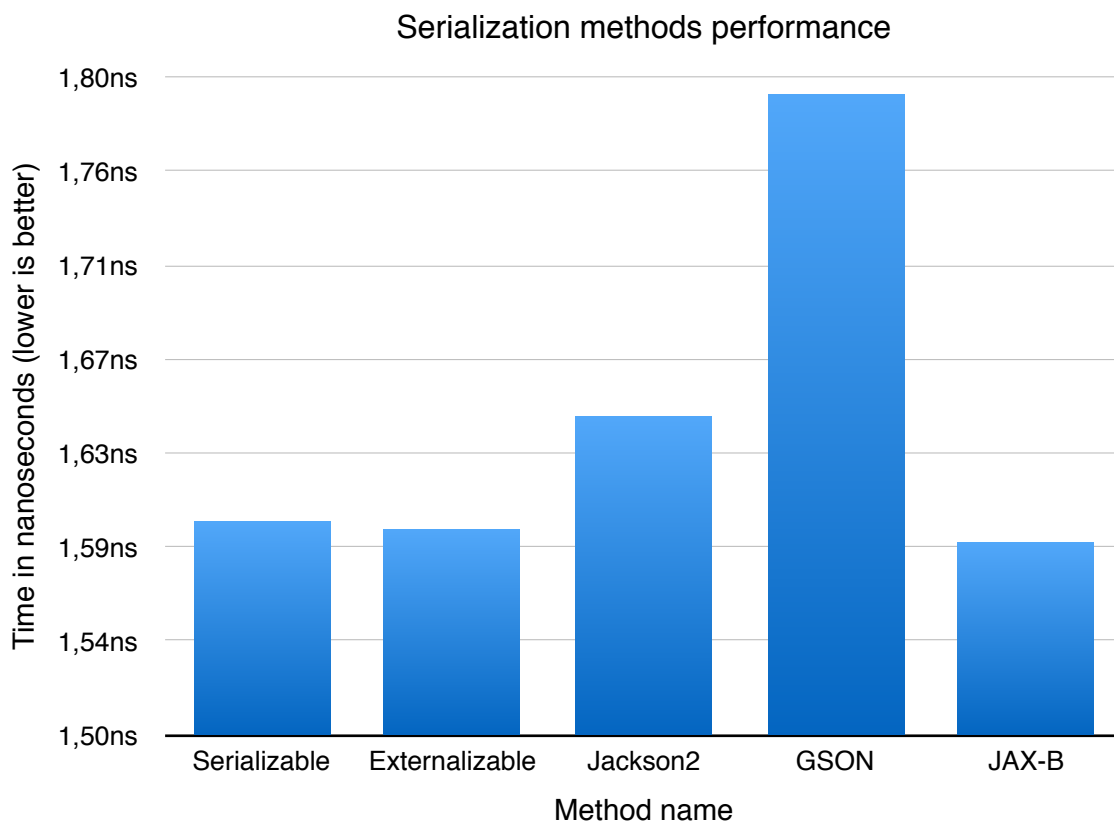# Serialization benchmark

This paper covers the performance of various serialization methods. Testing was made using the following serialization methods:
- Serializable
- Externalizable
- Jackson2
- GSON
- JAX-B

Each one was ran for various objects count:
- 1
- 10
- 10000

I find the 10000's the most interesting as they show the biggest differences between these serialization algorithms. JAX-B turned out to be the fastest - no surprise as it uses XML.
Externalizable was faster than Serializable thanks to the custom serializing method.
For me the biggest surprise was GSON performance. It was the lowest one here.

Serialization methods performance

Testing was made on 64-bit HotSpot VM, Java 1.8.0_66. Running on Mac OS X 10.10.2, i7-4770HQ processor.