Subject: new version 4.4.3 is very resource intensive
Posted by mvamos on Mon, 19 Sep 2016 23:49:54 GMT
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Related to my last post, this new version eats up a lot of memory. When a file is open I'm seeing >1.4 GB of memory used, which is much more than the Google Chrome with 7 tabs open. This high memory usage is reflected in how slow DW is now. Not sure what improvements/changes were made from the previous version to elicit the memory usage change, but if I had to vote, I'd say I'd prefer the faster and less cumbersome previous version of DW.

Subject: Re: new version 4.4.3 is very resource intensive
Posted by thomas on Fri, 23 Sep 2016 21:28:02 GMT
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the improvements were in the functionality and not in general architecture issues. They should neither have an influence on the speed of the application nor cause a substantial change of the memory usage. One general problem, which is exclusiv to Windows, is that the Java runtime environment immediately claims the maximum defined memory. As a consequence DataWarrior must balance this maximum value to on one hand allow the handling of 100.000 structures, and on the other hand to fit into the physical memory of a moderately equipped machine. Especially on 32-bit Windows this is delicate. Therefore, I recommend using Linux, a Macintosh, or at least Windows 64-bit with at least 4GB of memory. On Linux or Macintosh you may define how much memory you allow DataWarrior to use. Theoretically this can be also done with the Windows executable, but you would need a hex-editor to do that.

Thomas