The Power of Continuous Profiling

By Alla Igityan

Observability



Giray Özil @girayozil

...

Ask a programmer to review 10 lines of code, he'll find 10 issues. Ask him to do 500 lines and he'll say it looks good.

7:42 PM · Feb 27, 2013















heap live size

wall time

thrown exceptions is cpu

objec

lock socket i/o

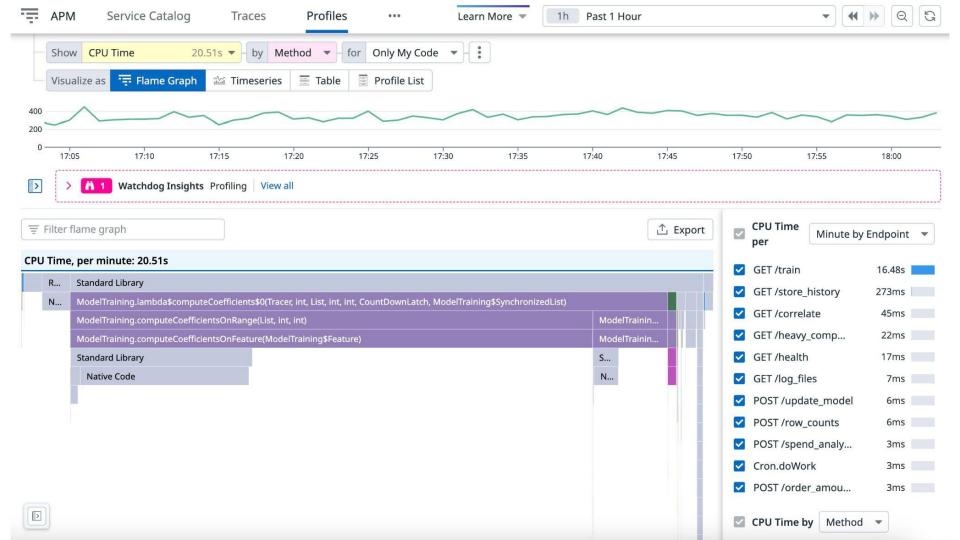
Overhead

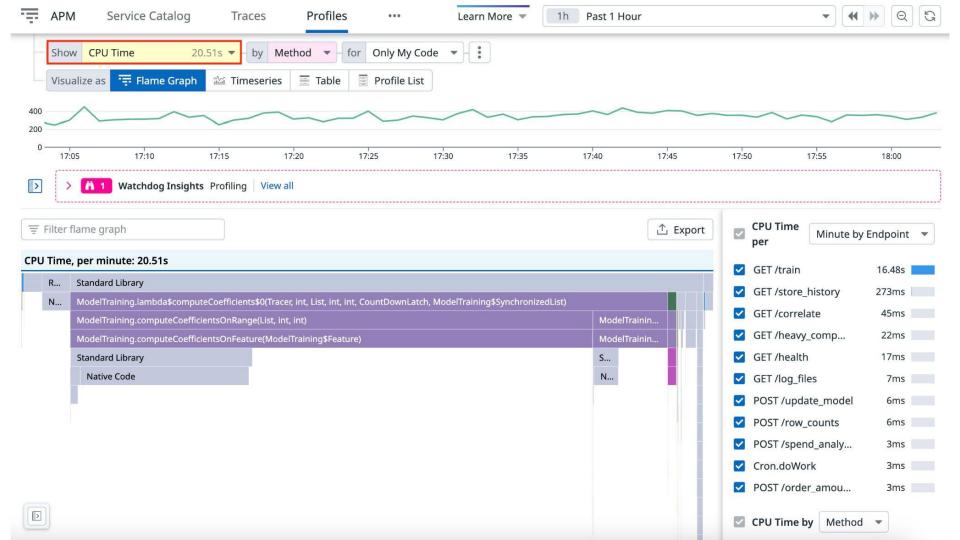
Known Knowns

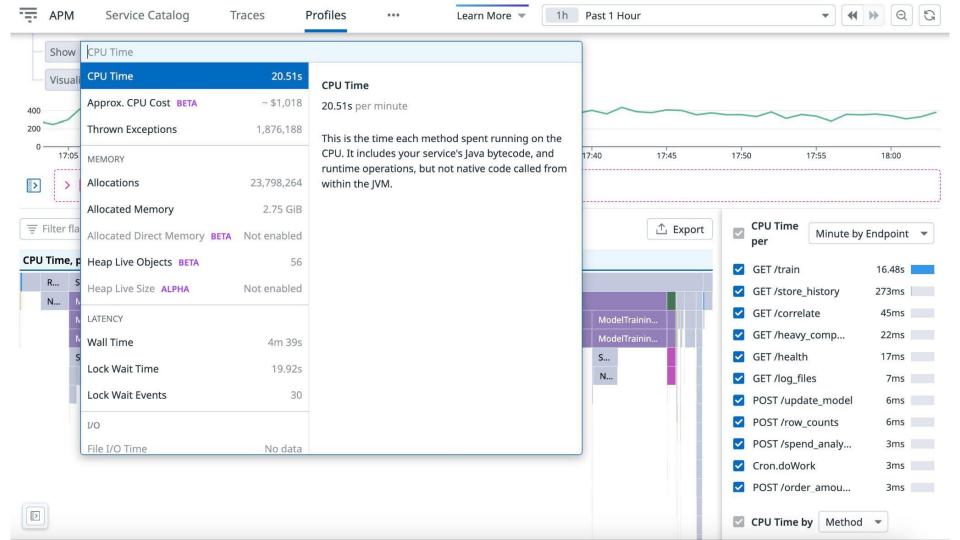
Known Unknowns

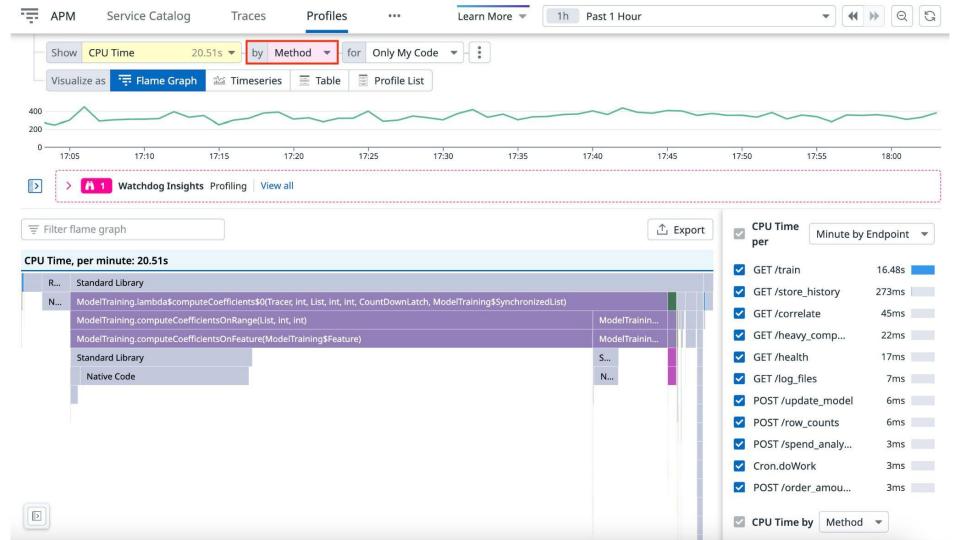
Unknown Unknowns

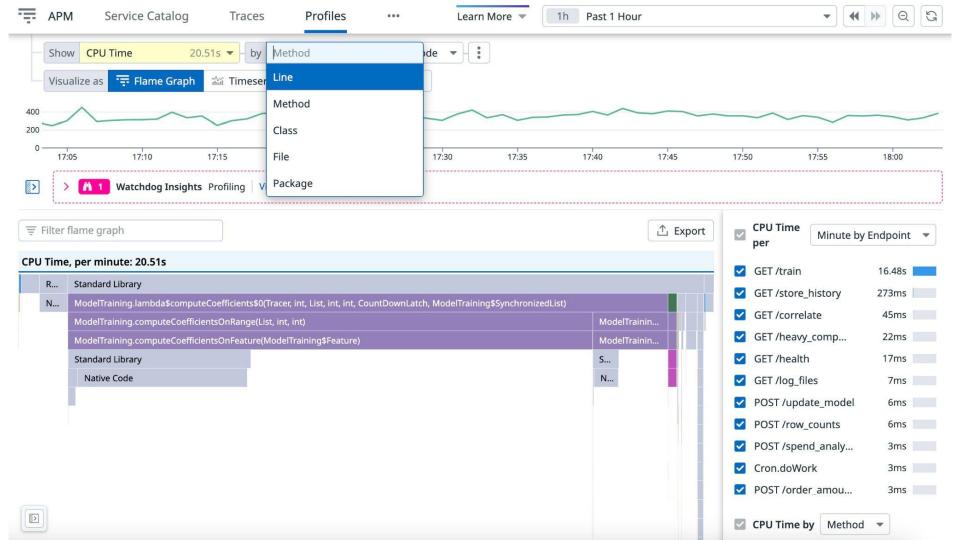
Continuous Profiling

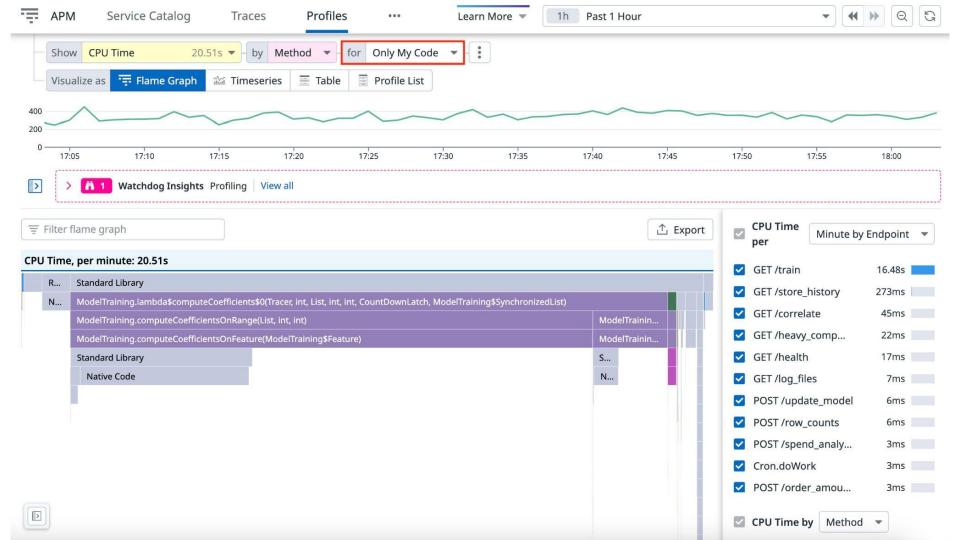


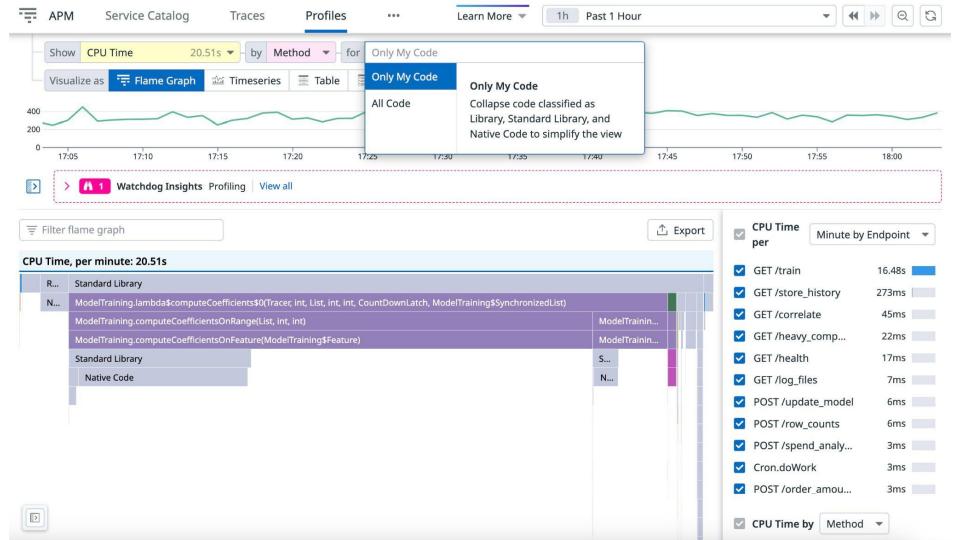


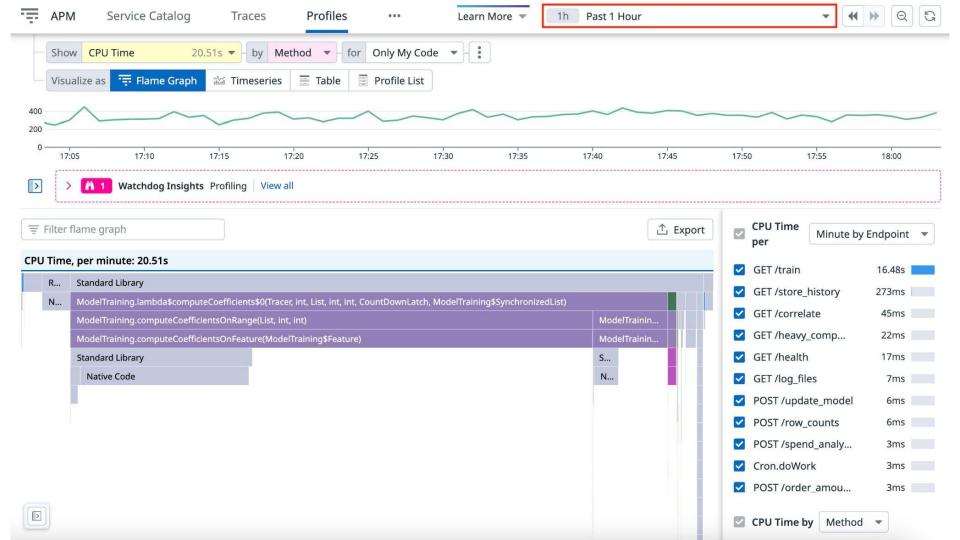


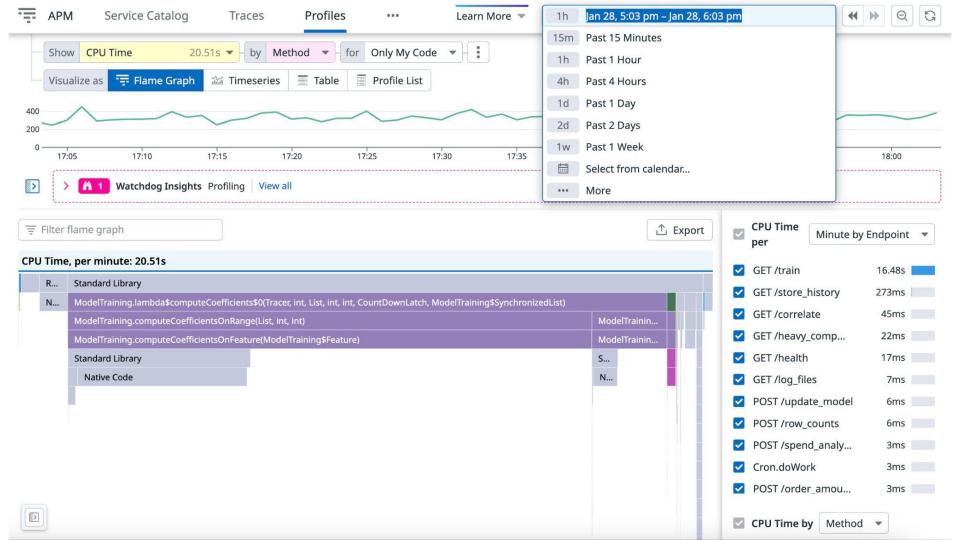


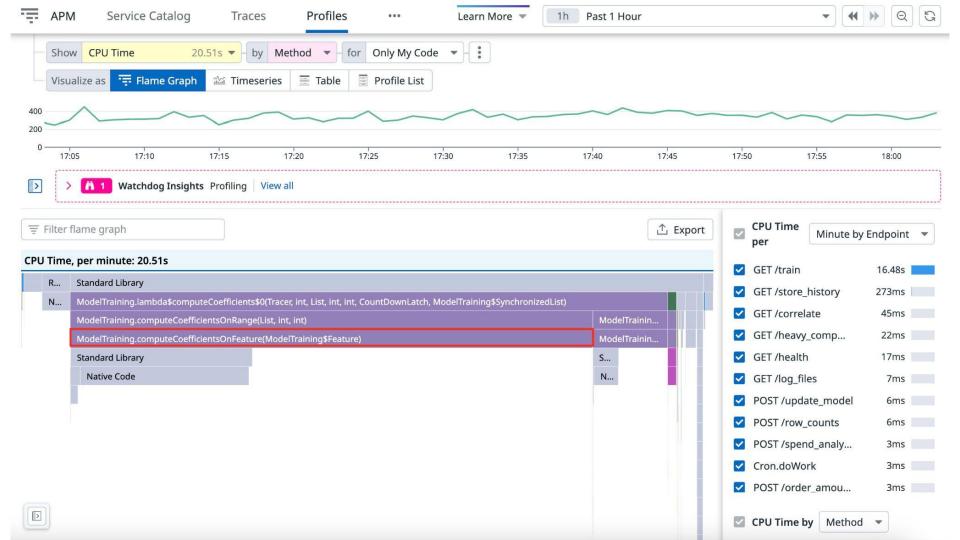


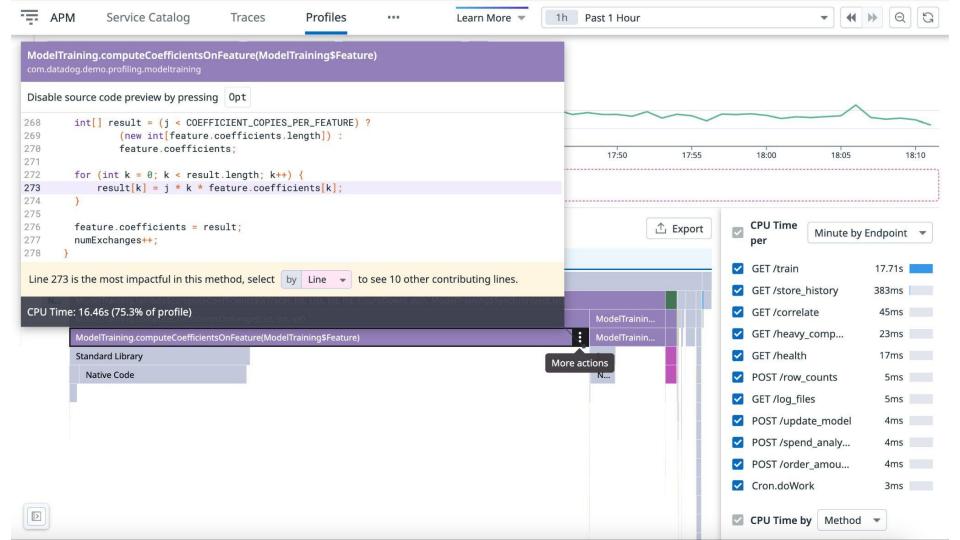












Why Continuous Profiling

Reduce MTTR

- Reduce Cloud Costs
- Improve User Experience

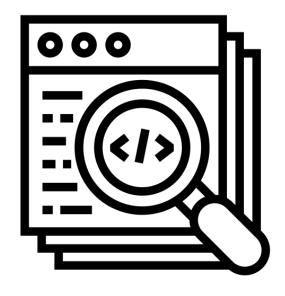
Helpful links

On Flame graphs

How we optimized our Akka application using Datadog's Continuous Profiler

Presentation: Future-proofing JVM profiling

7 February 10:10 - 11:00 Room C3



Thank you!

