Levelling up Performance and Performance Skills at MongoDB

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ABSTRACT

MongoDB has invested in developing a performance infrastructure and a corresponding performance culture. All development engineers are expected to improve MongoDB performance, through adding performance tests, optimizing code, and fixing performance regressions. Investing in the infrastructure is clear: we develop and support tools to make it easy to track performance changes and improve performance. Investing in the culture includes formal and informal training. The training must ultimately both support strong developers with very limited performance backgrounds as well as developing our future performance experts.

CCS CONCEPTS

• **Software and its engineering** → **Software performance**; *Designing software*; • **Information systems** → **Database performance evaluation**; • **Social and professional topics** → **Computer science education**.

KEYWORDS

education, performance, testing, continuous integration, variability